

METAL HARDNESS TEST BLOCKS

Standard hardness test blocks are designed for testing and calibration of hardness measuring instruments according to Brinell, Vickers, Rockwell, Super-Rockwell, Leeb, Shore scales.

On request, our company can produce blocks made of special materials to meet specific requirements.

ROCKWELL HARDNESS



VICKERS HARDNESS



BRINELL HARDNESS



LEEB HARDNESS



Hardness value	Load, kg	Tolerance across surface of test block
HRC: 25±5	150	1.1 HRC
HRC: 45±5	150	0.8 HRC
HRC: 65±5	150	0.5 HRC
HRB: 90±10	100	1.2 HRB
HRA: 83±3	60	0.6 HRA
HV 200±50	10; 5	5 %
HV: 300±50	10; 5	5 %
HV: 450±75	1; 0.5; 0.3; 0.2	5 %
HV 450±75	10; 5; 3; 2	3 %
HV 450±75	100; 50; 30; 20	2 %
HV 800±50	1; 0.5; 0.3; 0.2	5 %
HV 800±50	10; 5; 3; 2	3 %
HV 800±50	100; 50; 30; 20	2 %
HB: 100±25	1000	4 %
HB: 200±50	3000	3 %
HB: 300±50	3000	3 %
HB: 400±50	3000	3 %
HB: 600±50	3000	3 %
HLD 530±40	-	5HLD
HLD 630±40	-	5HLD
HLD 790±40	-	5HLD

SHORE HARDNESS TEST BLOCKS

Shore hardness test blocks are used to check the accuracy of readings and verify Shore hardness testers.

The A scale set includes 6 hardness test blocks of different values, and the D scale set includes 3 hardness test blocks.

