

HRC/HV/HBW JCSS Hardness Blocks



Based on JIS/ISO
**Standard Blocks
 for Hardness**

To improve tester performance before use



The Calibration Center of Yamamoto Scientific Tool Laboratory (YSTL)-the only specialized manufacturer of hardness blocks-is accredited by Japan Calibration Service System(JCSS) as a calibration laboratory based on its track record with JIS/ISO-compliant standardized hardness blocks, which have earned an excellent reputation worldwide, and provides calibration services in the field of hardness, while also producing and distributing JCSS-certified hardness blocks.

To ensure reliable accuracy management of hardness testers, it is recommended to use YSTL high-accuracy hardness blocks, which offer highly uniform and stable hardness values.



JCSS
 JCSS 0149

Calibration Center, Yamamoto Scientific Tool Laboratory Co., Ltd. (YSTL), is accredited by IA Japan and registered with the Japan Calibration Service System (JCSS)* in the category of "Standardized Block" for Rockwell, Vickers and Brinell hardness (Accreditation Identification: JCSS 0149 Calibration). The center determines standard hardness values that are traceable to the National Measurement Standards according to ISO/IEC 17025.

*IA Japan, the operator of the JCSS, is a signatory to the Mutual Recognition Agreement (MRA) of the International Laboratory Accreditation Conference (ILAC) as well as the Asia Pacific Accreditation Cooperation (APAC).

◆ Specifications of JCSS-certified Hardness Blocks

Classification	Nominal Hardness	Dimensions	Testing Conditions
HRC	64, 62, 60, 57, 55, 50, 45, 40, 35, 30, 25, 20 HRC	64mm(diameter) x 15mm(thickness)	
HV	1000, 900, 800, 700 HV	64mm(diameter) x 15mm(thickness)	HV 30, 1
	600, 500, 400, 300, 200, 100 HV		HV 10, 1
HMV	900, 800, 700, 600, 500, 400, 300, 200, 100 HV	25mm(diameter) x 6mm(thickness)	HV 1, 0.1
HBW	600, 550, 500, 450, 400, 350, 300, 250, 229, 200, 180, 150 HBW	115mm(diameter) x 18mm(thickness)	HBW 10/3000
	100, 90 HBW		HBW 10/500

For testing conditions other than those specified above, please contact us.

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