

# 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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