

302.5 - Rockwell Hardness (block form)

These Standard Reference Materials (SRMs) are transfer standards intended primarily for use in the calibration and verification of the performance of Rockwell hardness equipment using the applicable Rockwell hardness C scale (HRC), Rockwell hardness 15N scale (HR15N), or Rockwell hardness 30N scale (HR30N). Each SRM unit is a steel test block, nominally 64 mm in diameter and 15 mm thick, having a polished test surface described by a micro-engraved circle 52 mm in diameter. Each SRM unit is individually certified and bears a unique serial number on the edge of the block.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	Nominal Hardness
2810	Rockwell C Hardness, - Low Range	each	25 HRC
2811	Rockwell C Hardness - Mid Range	each	45 HRC
2812	Rockwell C Scale Hardness - High Range	each	63 HRC
2816	Rockwell Hardness 15N Scale - Low Range (Nominal 72 HR15N)	1 block	72 HR15N
2817	Rockwell Hardness 15N Scale - Mid Range (Nominal 83 HR15N)	1 block	83 HR15N
2818	Rockwell Hardness 15N Scale - High Range (Nominal 91 HR15N)	1 block	91 HR15N
2819	Rockwell Hardness 30N Scale - Low Range (Nominal 45 HR30N)	1 block	45 HR30N
2820	Rockwell Hardness 30N Scale - Mid Range (Nominal 64 HR30N)	1 block	64 HR30N
2821	Rockwell Hardness 30N Scale - High Range (Nominal 79 HR30N)	1 block	79 HR30N

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- Certified values are normal font
 - Non-certified or reference values are italicized
 - Non-certified values in parentheses are for information only