

Parameter/Equipment	Range	CMC ^{2, 5} (\pm)	Comments
Indirect Verification of Rockwell Hardness Testers ³ (cont)	HR30TW Low Medium High HR45TW Low Medium High	0.58 HR30TW 0.64 HR30TW 0.22 HR30TW 0.70 HR45TW 0.40 HR45TW 0.39 HR45TW	Indirect verification per ASTM E18
Direct Verification of Rockwell Hardness Testers ³ –			ASTM E18
Verification of Test Force	(3 to 15) kgf (30 to 150) kgf	0.005 kgf + 0.03 % rdg 0.049 kgf + 0.02 % rdg	Verification of test force by load cell
Verification of Depth-Measuring Device	(0 to 260) μ m	0.31 μ m	Per direct verification method of ASTM E18
Verification of Hysteresis	---	0.25 Rockwell Points	Per direct verification method of ASTM E18
Indirect Verification of Brinell Hardness Testers at Test Condition(s) ³ –			ATSM E10
10/3000/15	Repeatability: \leq 225 HBW ($>$ 225 to 650) HBW Error:	0.024D 0.013D 1.5 %	D is the mean of the <i>n</i> mean test diameters in millimeters Error uncertainty is stated as a percentage of the standardized test block value
10/500/15	Repeatability: (40 to 126) HBW Error:	0.024D 1.9 %	