

**The Appendix is an integral part of
Certificate of Accreditation No.: 144/2024 of 27/03/2024**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Metalco Services s.r.o.
CAB number: 2239, Calibration Laboratory
Havlíčkova 361, 252 63 Roztoky u Prahy

CMC for the field of measured quantity: Hardness

Ord. number ¹	Calibrated quantity/Subject of calibration	Nominal range		Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty ²	Calibration principle	Calibration procedure identification ³	Location
		min unit	max unit					
1*	Rockwell hardness testers	10 HR	to 100 HR	A, B, C, D, E, F, G, H, K, 15N, 30N, 45N, 15T, 30T, 45T	0.34 HR	ČSN EN ISO 6508-1	ČSN EN ISO 6508-2, cl. 4 to 5	
2*	Vickers hardness testers	10 HV	to 2000 HV	HV0.01 to HV100	0.40% HV	ČSN EN ISO 6507-1	ČSN EN ISO 6507-2, cl. 4 to 6, excl. 5.3	
3*	Brinell hardness testers	10 HBW	to 650 HBW	HBW1, HBW2.5, HBW5, HBW10	0.38% HBW	ČSN EN ISO 6506-1	ČSN EN ISO 6506-2, cl. 4 to 6, excl. 5.3	
4*	Knoop hardness testers	10 HK	to 2000 HK	HK 0.01 to HK2	0.40% HK	ČSN EN ISO 4545-1	ČSN EN ISO 4545-2, cl. 4 to 6, excl. 5.3	

¹ Asterisk at the ordinal number identifies the calibrations, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

² The expanded measurement uncertainty is in accordance with ILAC-P14 and EA-4/02 M a part of CMC and it is the lowest value of the respective uncertainty. If not stated otherwise, its coverage probability is approx. 95 %. If not stated otherwise, the uncertainty values stated without a unit are relative to the measured value. The uncertainty value stated herein is based on the best conditions achievable by the laboratory; the uncertainty value of a specific calibration may be higher depending on the conditions of such a calibration. For identical extreme values of adjacent ranges, the lower uncertainty value always applies.

³ If the document identifying the calibration procedure is dated only these specific procedures are used. If the document identifying the calibration procedure is not dated, the latest edition of the specified procedure is used (including any changes).