EA MLA Signatory
Český institut pro akreditaci, o.p.s.
(Czech Accreditation Institute)
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

CERTIFICATE OF ACCREDITATION

No. **77/2026**

TECHNICKÉ LABORATOŘE OPAVA, akciová společnost
with registered office Těšínská 2962/79b, Předměstí, 746 01 Opava
Company Registration No. 25667521

for the Calibration Laboratory No. **2277**
Calibration Laboratory for Geometrical Quantities

Scope of accreditation:

Calibration in the field of length, plane angle and torque to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 568/2024 of 25/10/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **04/07/2027**

Prague: 16/02/2026

Český institut pro akreditaci, o.p.s. CAI

Signed in the Czech original:
Jan Velíšek on 16/02/2026

Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Eliška Frycová

The Appendix is an integral part of
Certificate of Accreditation No. 77/2026 of 16/02/2026

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

TECHNICKÉ LABORATOŘE OPAVA, akciová společnost
CAB number 2277, Calibration Laboratory for Geometrical Quantities
Těšínská 2962/79b, Předměstí, 746 01 Opava

CMC for the field of measured quantity: Length

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]	Loca-tion
		min.	unit	max.	unit					
1	Standard scale	0	mm	1,000	mm		(2·L +0.7) µm	Measurement on a multi-sensor machine Werth Video-Check-HA	KP 1.1	
2	Parallel gauge blocks	0.5	mm	1,000	mm		(0.8·L +0.08) µm	Comparison with standard parallel gauge blocks	KP 1.2	
3	Glass gauges for the check of surface flatness and parallelity	0	mm	100	mm		0.2 µm	Direct measurement by a distance meter	KP 1.3	
4	Holder of basic gauges and accessories	0	mm	1,500	mm		0.25 µm	Direct measurement by a distance meter	KP 1.4	
5	Slide gauges	0	mm	3,000	mm		(20·L +20) µm	Direct measurement with standard parallel gauge blocks	KP 2.1	
6	Slide gauges with circular dial indicator and depth indicator	0	mm	1,000	mm		(30·L +30) µm	Direct measurement with standard parallel gauge blocks	KP 2.2	
7	Sliding depth gauges	0	mm	3,000	mm		(20·L +20) µm	Direct measurement with standard parallel gauge blocks	KP 2.3	
8	Slide height gauges	0	mm	1,000	mm		(20·L +20) µm	Direct measurement with standard parallel gauge blocks	KP 2.4	
9	Depth gauges with dial indicator	0	mm	1,000	mm		(30·L +30) µm	Direct measurement with standard parallel gauge blocks	KP 2.5	
10	Slide height gauges with a digital scale	0	mm	1,000	mm		(20·L +20) µm	Direct measurement with standard parallel gauge blocks	KP 2.6	

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
11	Slide depth gauges with a digital scale	0	mm	to	3,000	mm		(20·L +20) µm	Direct measurement with standard parallel gauge blocks	KP 2.7	
12	Slide gauges with a digital scale	0	mm	to	3,000	mm		(20·L +20) µm	Direct measurement with standard parallel gauge blocks	KP 2.8	
13	Standard height gauges with a micrometer screw	0	mm	to	1,000	mm		(5·L +2) µm	Direct measurement with standard parallel gauge blocks	KP 2.9	
14	Micrometer callipers for external measurement with fixed anvils	0	mm	to	3,000	mm		(10·L +1.7) µm	Direct measurement with standard parallel gauge blocks	KP 2.10	
15	Comparators	0	mm	to	1,000	mm		(1.2·L +0.3) µm	Direct measurement by a distance meter	KP 2.10	
		1,000	mm	to	3,000	mm		(3·L +2) µm			
16	Micrometers with planar interchangeable measuring anvils	0	mm	to	3,000	mm		(14·L +2.5) µm	Direct measurement with standard parallel gauge blocks	KP 2.11	
17	Comparators	0	mm	to	1,000	mm		(1.2·L +0.3) µm	Direct measurement by a distance meter	KP 2.11	
		1,000	mm	to	3,000	mm		(3·L +2) µm			
18	Gear micrometers	0	mm	to	300	mm		(10·L +2) µm	Direct measurement with standard parallel gauge blocks	KP 2.12	
19	Comparators	0	mm	to	1,000	mm		(1.2·L +0.3) µm	Direct measurement with standard parallel gauge blocks	KP 2.12	
20	Micrometers for sheet metal	0	mm	to	100	mm		(20·L +3) µm	Direct measurement with standard parallel gauge blocks	KP 2.13	
21	Micrometer calliper gauges with extended anvils	0	mm	to	100	mm		(10·L +2) µm	Direct measurement with standard parallel gauge blocks	KP 2.14	
22	Micrometers for wires	0	mm	to	20	mm		(10·L +1.7) µm	Direct measurement with standard parallel gauge blocks	KP 2.15	

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit		Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
23	Micrometers for tube walls	0 mm	to	100 mm		(10·L +2.2) µm	Direct measurement with standard parallel gauge blocks	KP 2.16	
24	Micrometers for threads with interchangeable anvils	0 mm	to	300 mm		(10·L +2) µm	Direct measurement with standard parallel gauge blocks	KP 2.17	
25	Comparators	0 mm	to	500 mm		(4·L +1.5) µm	Direct measurement by a distance meter	KP 2.17	
26	Inside micrometer gauges	3 mm	to	1,000 mm		(12·L +3) µm	Direct measurement with standard rings	KP 2.18	
27	Micrometers for products with a concave surface	0 mm	to	100 mm		(10·L +2) µm	Direct measurement with standard parallel gauge blocks	KP 2.19	
28	Micrometers with shape measuring anvils	0 mm	to	3,000 mm		(10·L +2) µm	Direct measurement with standard parallel gauge blocks	KP 2.20	
29	Micrometers with prismatic measuring anvils	0 mm	to	200 mm		(10·L +2.2) µm	Direct measurement with standard parallel gauge blocks	KP 2.21	
30	Micrometers with a digital scale	0 mm	to	3,000 mm		(8·L +1) µm	Direct measurement with standard parallel gauge blocks	KP 2.22	
31	Micrometer depth gauges	0 mm	to	200 mm		(10·L +1.5) µm	Direct measurement with standard parallel gauge blocks	KP 2.23	
32	Micrometric heads	0 mm	to	100 mm		(8·L +1.5) µm	Direct measurement by a distance meter	KP 2.24	
33	Rigid inside micrometer gauges	0 mm	to	3,000 mm		(4·L +2) µm	Direct measurement by a distance meter	KP 2.25	
34	Folding inside micrometer gauges with extension pieces	0 mm 1,000 mm	to to	1,000 mm 3,000 mm		(1.5·L +0.3) µm (4·L +2) µm	Direct measurement by a distance meter	KP 2.26	

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
35	Micrometer heads with a digital scale	0	mm	to	100	mm		(2·L +1.5) µm	Direct measurement by a distance meter	KP 2.27	
36	Pasameters and micropasameters	0	mm	to	300	mm		(4·L +0.4) µm	Direct measurement with standard parallel gauge blocks	KP 2.28	
37	Lever gauges (callipers) for sheer metal and walls with dial indicator	0	mm	to	100	mm		(15·L +1.5) µm	Direct measurement with standard parallel gauge blocks	KP 2.29	
38	Two-contact internal dial gauges	0	mm	to	1,000	mm	DS = 1 µm DS = 10 µm	(8·L +1.5) µm (10·L +2.5) µm	Direct measurement by a special measuring device	KP 2.30	
39	Multipoint and special internal gauges	3	mm	to	500	mm	DS = 1 µm DS = 10 µm	(6·L +2) µm (7·L +2.5) µm	Direct measurement with measuring rings	KP 2.31	
40	Internal gauges with a digital scale	0	mm	to	1,000	mm		(6·L +2) µm	Direct measurement with measuring rings	KP 2.32	
41	Dial indicators with division 0.01 mm	0	mm	to	100	mm		(40·L +2) µm	Measurement by a special measuring device	KP 3.1	
42	Dial indicators with division 0.001 mm	0	mm	to	100	mm		(10·L +0.5) µm	Measurement by a special measuring device	KP 3.2	
43	Somcators (microcators), mycators, minimeters, milisoms, orthotests, with division from 0.1 µm	0	mm	to	1	mm		(5·L +0.1) µm	Direct measurement with parallel gauge blocks	KP 3.3	
44	Lever dial indicators with division 0.01 mm	0	mm	to	10	mm		(50·L +3) µm	Measurement by a special measuring device	KP 3.4	

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit		Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
45	Lever dial indicators with division from 0.001 mm	0 mm	to	10 mm		(80·L +0.35) µm	Measurement by a special measuring device	KP 3.5	
46	Dial indicators with a digital scale	0 mm	to	100 mm		(6·L +1.2) µm	Measurement by a special measuring device	KP 3.6	
47	Cylindrical gauges	0 mm	to	1,000 mm		(2.5·L +0.2) µm	Direct measurement by a distance meter	KP 4.1	
48	Slot gauges	0 mm	to	3,000 mm		(2.5·L +0.2) µm	Direct measurement by a distance meter	KP 4.2	
49	Inside micrometers with spherical surfaces	0 mm	to	3,000 mm		(1.5·L +0.15) µm	Direct measurement by a distance meter	KP 4.3	
50	Single- and double-ended snap gauges	0.5 mm 10 mm	to to	10 mm 500 mm		0.5 µm (4·L +0.3) µm	Direct measurement by a distance meter	KP 4.4	
51	Measuring rings	0.3 mm 2 mm	to to	2 mm 1,000 mm		1.1 µm (6·L +0.6) µm	Direct measurement by a distance meter	KP 4.6	
52	Cylindrical plug gauges for checks and drawing	0 mm	to	300 mm		(4·L +0.4)µm	Direct measurement by a distance meter	KP 4.7	
53	Thread gauges and comparison pin gauges for metric threads	0 mm	to	300 mm		(7·L +2) µm	Direct measurement on a length gauge	KP 4.9	
54	Good fixed and faulty fixed thread rings for metric threads	1 mm 3 mm	to to	3 mm 300 mm		7 µm (10·L +3) µm	Direct measurement by a distance meter	KP 4.10	

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
55	Thread gauges for pipe threads not fitting to threads – male gauge	0 mm		to	300 mm			(10·L +2.2) µm	Direct measurement by a distance meter	KP 4.11	
56	Thread gauges for pipe threads not fitting to threads – ring	3 mm		to	300 mm			(10·L +3) µm	Direct measurement by a distance meter	KP 4.11	
57	Limit thread snap gauges – male gauge	0 mm		to	300 mm			(10·L +2) µm	Direct measurement by a distance meter	KP 4.12	
58	Limit thread snap gauges – ring	3 mm		to	300 mm			(20·L +10) µm	Comparison with a comparison pin gauge	KP 4.12	
59	Thread gauges for other threads – male gauge	0 mm		to	300 mm			(10·L +2) µm	Direct measurement by a distance meter	KP 4.13	
60	Thread gauges for other threads – ring	1 mm 3 mm		to to	3 mm 300 mm			7 µm (10·L +3) µm	Direct measurement by a distance meter	KP 4.13	
61	Thread-measuring wires	0 mm		to	10 mm			(5·L +0.15) µm	Direct measurement by a distance meter	KP 4.14	
62	Feeler gauges for radius	0 mm		to	100 mm			(10·L +3) µm	Direct measurement on a profile projector	KP 5.1	
63	Feeler gauges	0 mm		to	100 mm			(2.5·L +0.7) µm	Direct measurement by a distance meter	KP 5.2	
64	Thread gauges for metric threads	0 mm		to	10 mm			3 µm	Direct measurement on a profile projector	KP 5.3	
65	Thread gauges for Whitworth and tube thread	0 mm		to	10 mm			3 µm	Direct measurement on a profile projector	KP 5.4	

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min. unit		Nominal range max. unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
66	Gauges for the measurement of fillet welds	0 mm	to	100 mm		40 µm	Direct measurement with standard parallel gauge blocks	KP 5.5	
67	Gauges for thread tools for metric and Whitworth thread	0 mm	to	20 mm		5 µm	Direct measurement on a profile projector	KP 5.10	
68	Gauges for flat and sharp thread tools	0 mm	to	100 mm		5 µm	Direct measurement on a profile projector	KP 5.11	
69	Layer thickness measuring gauges	0 mm	to	10 mm		(20·L +3) µm	Direct measurement with standard setting sheets	KP 5.12	
70	External and internal gauges for radius	0 mm	to	500 mm		(10·L +4) µm	Direct measurement on a profile projector	KP 5.13	
71	Steel tape measures	0 mm	to	2,000 mm		100 µm	Direct measurement with a linear scale of a steel ruler	KP 6.1	
72	Steel tape measures	0 mm	to	10,000 mm		(10·L +100) µm	Direct measurement with a linear scale of a steel ruler	KP 6.2	
73	Steel length gauges	0 mm	to	5,000 mm		(20·L +10) µm	Direct measurement with a linear scale of a steel ruler	KP 6.3	
74	Tape measures, distance meters	0 m 20 m 0 m	to to to	20 m 100 m 20 m		(15·L +100) µm (40·L +200) µm (60·L +500) µm	Direct measurement with a linear scale of a steel ruler	KP 6.4	
75*	Flatness / surface plates; straightness / ribbed surface rules, surface blocks, cast-iron ribbed rules	0 µm	to	500 µm	length up to 5,000 mm	1.5 µm	Measurement by a laser interferometer	KP 7.1	

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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]	Loca-tion
		min.	unit	max.	unit					
76	Check and drawing blocks	0	mm	to 500	mm		(6·L +2) µm	Direct measurement on a 3D machine	KP 7.21	
77	Point instruments	0	mm	to 1,200	mm		(2·L +3) µm	Measurement using male gauges and a dial indicator	KP 7.22	
78	Flatness / measuring tables for comparative measurement	0	mm	to 1,000	mm		0.8 µm	Direct measurement on a 3D machine	KP 7.23	
79	Sliding mechanical gear tooth calipers	0	mm	to 200	mm		20 µm	Direct measurement with standard parallel gauge blocks	KP 8.1	
80	Optical gear tooth calipers	0	mm	to 100	mm		15 µm	Direct measurement with standard parallel gauge blocks	KP 8.2	
81	Surface roughness standards	0	mm	to 12.5	µm		6 %	Direct measurement by a roughness meter	KP 8.3	
82*	Universal length meters	0	mm	to 6,000	mm		(1·L +0.15) µm	Measurement by a laser interferometer	KP 8.4	
83*	Universal measuring microscopes	0	mm	to 3,000	mm		(1·L +0.15) µm	Measurement by a laser interferometer	KP 8.5	
84*	Profile projectors	0	mm	to 3,000	mm		(1·L +0.15) µm	Measurement by a laser interferometer	KP 8.6	
85*	One- to three-axis coordinate measuring machines	0	mm	to 6,000	mm		(1.3·L +0.15) µm	Measurement by a laser interferometer	KP 8.7	
86*	Three-axis coordinate measuring machines	0	mm	to 6,000	mm		(1.3·L +0.15) µm	Measurement by a laser interferometer	KP 8.8	
87	Checking instruments for dial indicators	0	mm	to 100	mm		(0.5·L +0.06) µm	Direct measurement with standard parallel gauge blocks	KP 8.9	
88*	Instruments for checking of steel parallels by comparative method	0	mm	to 200	mm		(0.5·L +0.06) µm	Direct measurement with standard parallel gauge blocks	KP 8.10	

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Ord. number[1]	Calibrated quantity / Subject of calibration	Nominal range min.	unit		max.	unit	Parameter(s) of the measurand	Lowest stated expanded measurement uncertainty[2]	Calibration principle	Calibration procedure identification[3]	Loca-tion
89*	Roughness meters	0	mm	to	100	µm		8 %	Direct measurement with a roughness standard	KP 8.11	
90	Length gauges								Special measurement on 1, 2 and 3-axis measuring machines	KP 8.12	
	1 axis	0	mm	to	3,000	mm		(3·L +0.5) µm			
	2 axes	0	mm	to	1,000	mm		(3·L +0.7) µm			
	3 axes	0	mm	to	1,000	mm		(3·L +0.1) µm			
91	Check rules	0	µm	to	50	µm	length up to 5,000 mm	(1.8·L +1.2) µm	Measurement by a laser interferometer	KP 7.2	
92	Shop rules	0	µm	to	50	µm	length up to 5,000 mm	(1.8·L +1.5) µm	Measurement by a laser interferometer	KP 7.3	
93	Blade measuring rules	0	µm	to	30	µm	length up to 5,000 mm	3 µm	By parallel gauge blocks on a surface plates	KP 7.4	
94	Squareness measuring cylinders	0	mm	to	5	mm	height up to 1,000 mm	(2.5·L +0.5) µm	Measurement using a pasameter, length gauge and dial indicator	KP 7.14	
95	Check squares 90°	0	mm	to	4	mm	length up to 200 mm	(4·L +1)µm	Direct measurement with standard parallel gauge blocks and perpendicularity standard	KP 7.15	
							length up to 1,000 mm	(5·L +2) µm	Direct measurement on a 3D machine		
96	Check squares 90°	0	mm	to	8	mm	length up to 2,500 mm	(30·L +10) µm	Direct measurement on a 3D machine	KP 7.16	

[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).

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Explanatory notes:

L - Length in [m]
DS - Division of the Scale - for lengths in [μm]
KP - Calibration Procedure

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CMC for the field of measured quantity: Plane angle

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]	Loca-tion
		min.	unit	max.	unit					
1	Gauges for cone-face joints – male gauge	0 °	to	50°		diameter up to 300mm	9“	Direct measurement on a 3D machine	KP 4.5	
2	Gauges for cone-face joints – ring	0 °	to	50°		diameter up to 300mm	13“	Direct measurement on a 3D machine	KP 4.5	
3	Gauges for checking straight groove joints - male gauge	0 °	to	60°		diameter up to 200 mm	9“	Direct measurement on a 3D machine	KP 4.8	
4	Gauges for checking straight groove joints - ring	0°	to	60 °		diameter 3 mm to 200 mm	13“	Direct measurement on a 3D machine	KP 4.8	
5	Meter for checking screw augers	0 °	to	120 °		diameter up to 100 mm	9´	Direct measurement on a profile projector	KP 5.6	
6	Meters for checking the angle of face of circular thread tools	-30 °	to	+30 °			9´	Direct measurement on a profile projector	KP 5.7	
7	Gauges for the measurement of angle of turning tools with sintered carbide cutting edges	0 °	to	180 °			4‘	Direct measurement on a profile projector	KP 5.8	
8	Gauges for angles of backs of cylindrical cutters	0 °	to	180 °			5‘	Direct measurement on a profile projector	KP 5.9	
9	Sine bars	0 °	to	50 °		length up to 1,000 mm	2.2“	Measurement with standard parallel gauge blocks	KP 7.5	
10	Sine bars with centres	0 °	to	50 °		length up to 1,000 mm	2.1“	Measurement with standard parallel gauge blocks	KP 7.6	
11	Sine bars for checking cones	0 °	to	50 °		length up to 500 mm	4“	Measurement with standard parallel gauge blocks	KP 7.7	
12	Angle sine bars	0 °	to	50 °		length up to 200 mm	4“	Measurement with standard parallel gauge blocks	KP 7.8	
13	Cross sine bars	0 °	to	50 °		length up to 200 mm	4“	Measurement with standard parallel gauge blocks	KP 7.9	
14	Folding sine bars with a stop	0 °	to	50 °		length up to 200 mm	4“	Measurement with standard parallel gauge blocks	KP 7.10	
15	Sine vices	0 °	to	50 °		length up to 200 mm	5“	Measurement with standard parallel gauge blocks	KP 7.11	

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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]	Loca-tion
		min.	unit	max.	unit					
16	Levels	-20	mm/m	+20	mm/m		3 µm/m	Comparison with standard parallel gauge blocks and sine rule	KP 7.12	
17	Clinometers	0	°	360	°		1‘	Comparison with standard parallel gauge blocks and sine rule	KP 7.13	
18	Mechanical angle gauges with vernier	0	°	360	°		6‘	Comparison with an angle standard	KP 7.17	
19	Optical angle gauges	0	°	360	°		3‘	Comparison with an angle standard	KP 7.18	
20	Angle gauges with a digital scale	0	°	360	°		1‘10“	Comparison with an angle standard	KP 7.19	
21	Angle gauges with a dial indicator	0	°	360	°		3‘	Comparison with an angle standard	KP 7.20	
22	Angle gauges	0	°	100	°		7“	Direct measurement on 3D machines	KP 7.24	
23	Special gauges on 2- axis and 3-axis measuring machines	0	°	360	°	length up to 1,000 mm	9“	Measured on 2D and 3D machines	KP 8.12	

[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).

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

TECHNICKÉ LABORATOŘE OPAVA, akciová společnost
CAB number 2277, Calibration Laboratory for Geometrical Quantities
Těšínská 2962/79b, Předměstí, 746 01 Opava

CMC for the field of measured quantity: Torque

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	Torque / Torque wrenches and screwdrivers	0.2 Nm	to	2,000 Nm				0.25 %	Direct measurement on torque calibration instruments	KP 9.1	

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).