



## SCS Directory

Accreditation number: **SCS 0073**

International standard:	ISO/IEC 17025:2017	
Swiss standard:	SN EN ISO/IEC 17025:2018	
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	Internet:	<a href="http://www.saphirwerk.com">http://www.saphirwerk.com</a>
	Initial accreditation:	08.11.1996
	Current accreditation:	19.12.2021 to 18.12.2026
	Scope of accreditation see:	<a href="http://www.sas.admin.ch">www.sas.admin.ch</a> (Accredited bodies)

### Scope of accreditation as of 19.12.2021

#### Calibration laboratory for Length

##### Calibration and Measurement Capability (CMC)

Measured Quantity / Instrument or Gauge	Measurement Range	Measurement Conditions	Best Measurement Uncertainty $\pm$ <sup>1)</sup>	Remarks
<b>Length</b>	ø 1 mm ... ø 30,1 mm Spheres without fixing rod	Measurement of the average diameter	0.3 µm	
	ø 15 mm, ø 20 mm, ø 25 mm, ø 30 mm	Measurement of the average diameter	0.2 µm	
	ø 5 mm ... ø 35 mm	Measurement of the average diameter	0.23 µm	
	ø 35 mm ... ø 55 mm	Measurement of the average diameter	0.26 µm	
<b>Roundness</b> Spheres made of steel or ultra-hard material	ø 1 mm ... 100 mm	Magnification 20000 x Measure HPR Filter: 150 UPR	0.04 µm	

In case of contradictions in the language versions of the directories, the German version shall apply.

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