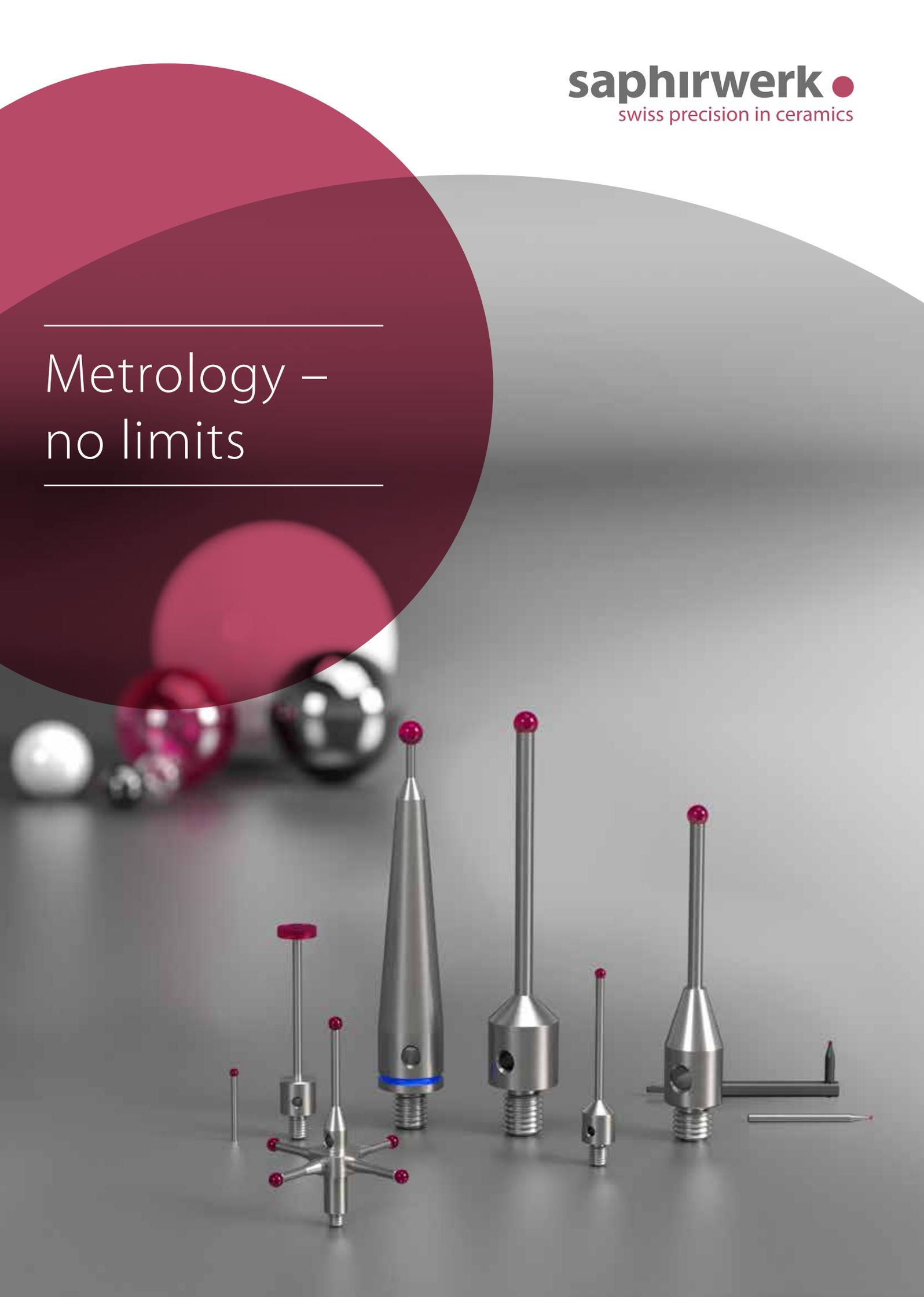


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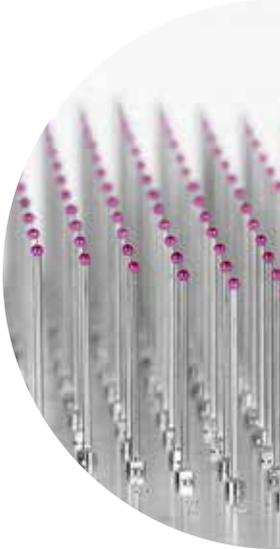
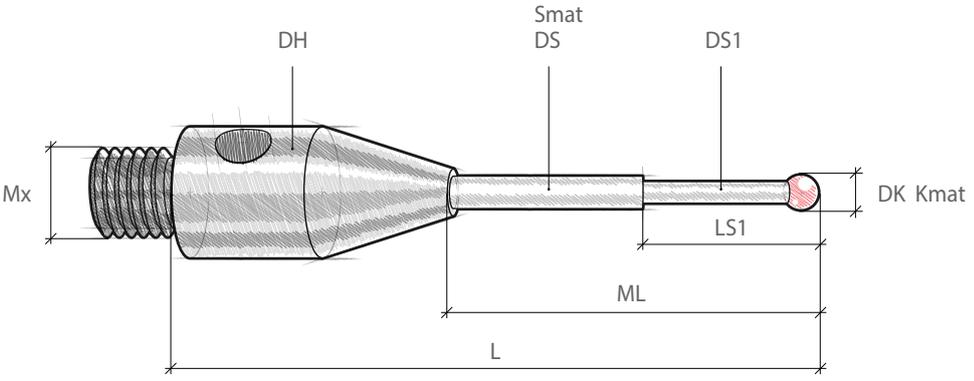
Metrology –  
no limits

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Materials and range

|                             |          |          |              |                |                 |         |
|-----------------------------|----------|----------|--------------|----------------|-----------------|---------|
| <b>ball material Kmat</b>   | ruby     | sapphire | zirconia     | alumina        | silicon nitride | carbide |
| <b>styli element T elem</b> | ball     | disk     | cylinder     | spherical styl |                 |         |
| <b>compatible Typ</b>       | Renishaw | Zeiss    | Leitz        |                |                 |         |
| <b>ball diameter DK</b>     | 0.2      | 0.3      | 0.5          | 0.8            | 1.0             |         |
| <b>grade ball G</b>         | G3       | G5       | G10          |                |                 |         |
| <b>body diameter DH</b>     | 5.0      | 6.0      | 11.0         |                |                 |         |
| <b>stem length ML</b>       | 10       | 15       | 20           | 25             |                 |         |
| <b>stem material Smat</b>   | carbide  | alumina  | carbon fiber | steel          | stainless steel |         |
| <b>stem diameter DS</b>     | 1.0      | 1.5      | 2.0          | 2.5            |                 |         |
| <b>stem form Sform</b>      | straight | stepped  |              |                |                 |         |
| <b>stepped diameter DS1</b> | -        | 0.2      | 0.3          |                |                 |         |
| <b>stepped length LS1</b>   | 0.0      | 1.3      | 1.3          | 1.8            |                 |         |
| <b>styli length L</b>       | 20.0     | 21.0     | 22.0         | 24.0           | 25.0            | 26.0    |
| <b>thread size Mx</b>       | M2       | M3       | M4           | M5             | M6              | M8      |

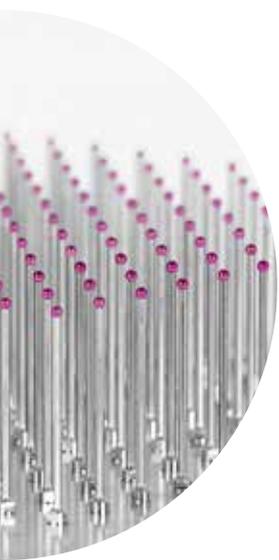


The world's largest manufacturers of measuring machines work with our products because our styli can handle even the most demanding measuring tasks. We offer them in hundreds of variants: from the smallest styli for watch parts to disc styli for rotor blades in wind turbines.

We manufacture the balls from technical ceramics: silicon nitride, ruby, zirconia and alumina. We use carbide, ceramic, carbon fibre, steel or aluminium for the shafts.

The standard range includes styli compatible with Renishaw, Zeiss and Leitz.

No task is too small for us: we produce the smallest styli with a ruby ball at only 0.12 mm in diameter. Even the corresponding carbide shaft has a diameter of just 0.08 mm.





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swiss precision in ceramics

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