

# ThermoFit

## System for thermally stable probes and extensions



ThermoFit CFK probes and extensions are virtually immune to deformation caused by temperature fluctuations. This guarantees reproducible results. Also on the shop-floor. ThermoFit CFK components are ideal for use in conjunction with Zeiss VAST scanning technology. Probe extensions in standard lengths are available ex stock. In addition to probes and extension in standard sizes, we manufacture practically every length according to your specifications.

### Your benefits

- Improved process stability
- High torsional and bending rigidity in scanning
- Reduced influence through temperature changes



### New ThermoFit SILVER Probe Extensions

- Improved temperature stability
- higher bending rigidity

## Sturdy and thermally stable

### Expansion of probe components

Probe components of coordinate measuring machines (CMM) are subjected to varying temperature changes. Changes in temperature, however, will inevitably affect the repeatability of measurement results. This influence can be minimized through the use of ThermoFit probe components.

### ThermoFit Probes

ThermoFit Probes with minimized temperature changing CFK shaft can be used for long probes. For example a probe with globe-Ø 10 mm an length 118 mm weigh's only 20% of a comparable metall shaft . Pobes are available as ruby and silicon nitrite.

### ThermoFit Probe Extensions

ThermoFit Probe extensions can be used for thempera-  
ture stabile and light configurations. Delivery in stan-  
dard length's quickliy possible. Special length's on  
enquiry.

Out now: [ThermoFit SILVER Probe extensions with improved thermal stability!](#) Kit with standard lengths available.

### ThermoFit SILVER Plate Extensions

ThermoFit plate extensions save additional weight and needless connections between plate and the first cube. No interfaces, higher stiffness than alum.



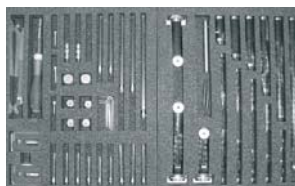
ThermoFit Extension Kit  
Ø 11 mm 11-parts,  
Cat. No.-Nr.000000-1109-048



ThermoFit Extension Kit  
Ø 20 mm 14-parts,  
Cat. No.000000-1109-045



ThermoFit Kit  
with probes 25-parts,  
Cat. No. 626107-9011-000



ThermoFit Profi Kit  
with probes 47-parts,  
Cat. No. 626107-9010-000

### New ThermoFit SILVER Probe Extensions



ThermoFit SILVER  
Extension Kit  
Ø 20 mm 14parts,  
Best.-Nr. 626107-9012-100

ThermoFit® is a registered trademark of Carl Zeiss IMT GmbH.

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