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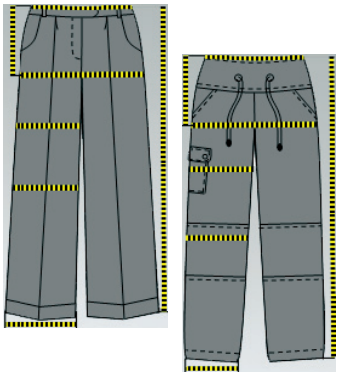
Fertigmaßstrecken- Damenhose		±Toleranz
118	Oberschenkelweite ½	±7,0
105	Knieweite ½	±7,0
139	Saumweite	±4,0
178	Taillenweite / Bundweite ½	±6,0
78	Hüftweite ½	±8,5



Calculation of ready-made and processing measurement tolerances – practical application and implementation

Objective:

The **practical training seminar** offers instruction on how to carry out independent calculation of model-based measurement tolerances with respect to key parameters: material, pattern execution and processing. In addition, optimised measuring instructions will be introduced to improve measurement precision for sensitive materials and pattern execution. Throughout the course, the primary emphasis will be on practical implementation of course content using sample models.

Description:

Measurement tolerances are, among other things, a component of the technical conditions of purchase for the garment industry. While the tolerance values to be set for materials are adequately defined by the "Textile-Garment Dialogue", there are no well-founded guidelines for ready-made and processing measurement tolerances. These measurement tolerance values are dependent upon company-specific levels of quality, material, pattern execution and processing. The research project "Development of a Process to Simplify Derivation of Ranges of Tolerance to Ensure the Product Quality of Clothing" (AIF 15480N) has devised a system of mathematical calculation that uses the Microsoft-Excel program to determine measurement tolerances.

Course emphases

- **Measuring correctly – in cases involving sensitive materials and pattern execution**
  Instruction is aimed at increasing measurement precision, improving measurement handling, and in gathering verifiable measurement results
- **Which parameters influence the degree of measurement tolerance**
  - Definition of the material, processing, quality and product-specific key parameters for ready-made and processing measurement tolerances
  - Illustration of a simple testing process to determine material parameters
- **Introduction to calculation tables for ready-made and processing measurement tolerances**
  Development of calculation systems and handling of tables
- **Instructions in using the calculation process and working independently using sample models**
  Instructions for determining the parameters to be defined, independent preparation on a PC, implementation of the results calculated by using samples

Your benefits as a participant:

With the knowledge gained you and your company will for the first time have well-founded information available about key parameters when calculating measurement tolerances, measurement technology prerequisites, and company-specific applications. You will be in the position to apply the process independently, and as a result, set your product-specific measurement tolerances in a precise and verifiable way.

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