

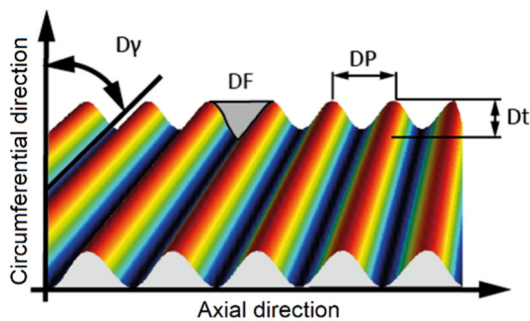
*Hommel T8000
surface measuring device*

Description:

- Tactile measuring device allows a quantitative evaluation of surface structures
- Axially movable measuring probe takes up the roughness of surfaces

Technical Specifications:

Axial measuring point distance	min. 0,1 μm
Vertical resolution	depends on the measuring probe
Measuring principle	tactile, inductive



- Dy ... Twist angle [°]
- DF ... Feed cross section [μm^2]
- DP ... Period length [mm]
- Dt ... Twist depth [μm]
- DG ... Number of threads [-]

*Macro twist characteristics according to
MBN31007-7*

Field of Application:

- Standard conform determination of surface characteristics according to DIN EN ISO 4287/4288 possible
- A rotation unit allows the measurement of twist structures on shaft surfaces
- Macro-twist evaluation according to MBN 31007-7 (CARMEN method)
- Measurement of distances, depths, volumes and geometries
- Damage analysis, scratches, defects, etc.
- Wear measurements, running track wear of an RSS on a shaft, etc.