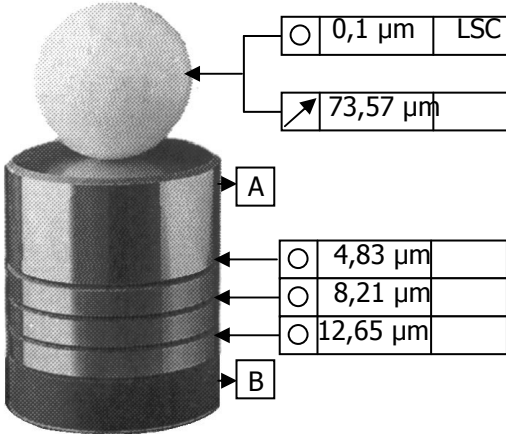
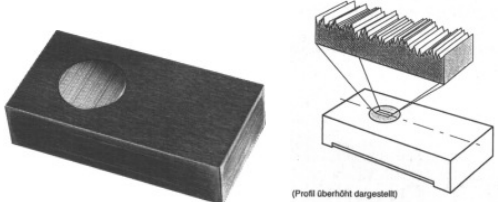
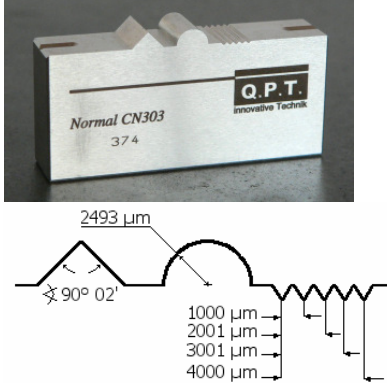

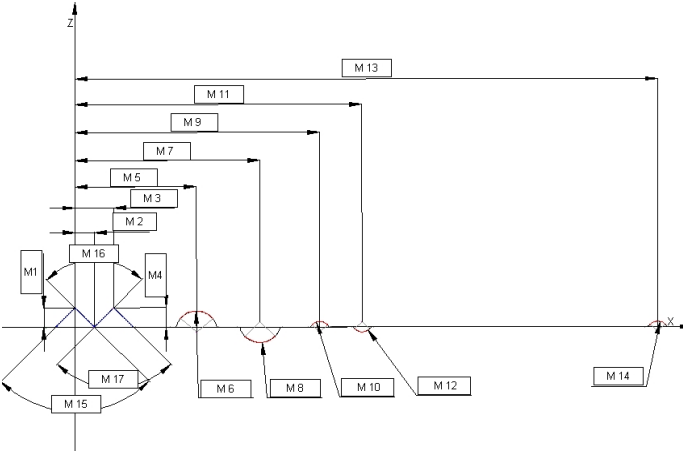
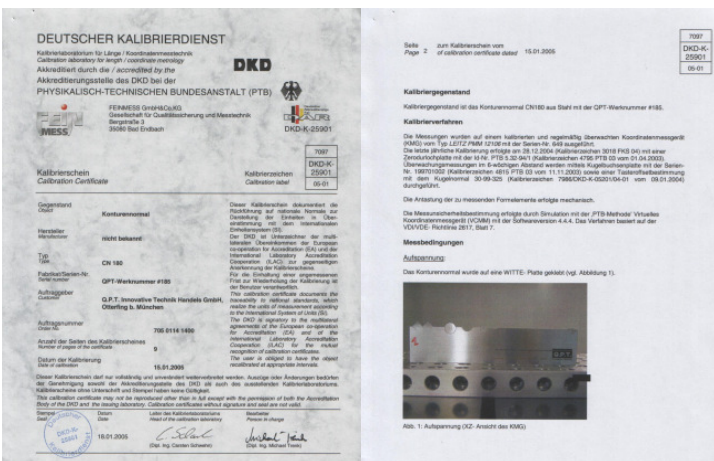


Q.P.T. master for checking measurement equipment

for form and location, roughness and contour

Order-no.	description	Price in €
<p>100.001</p> 	<p>Form master FN 102</p> <p>For checking your form and location system with certificate according to DIN 55350-18-4.2.2.</p> <p>The form standard disposes special reference profiles.</p> <ul style="list-style-type: none"> • Ceramic ball, circularity deviation approx. 0,1 µm measured with a filter of 0-150 W/U, analysis LSC • 3 circularity profiles Pt approx. 4 µm, 8 µm, 12 µm measured with a filter of 0-150 W/U, analysis LSC • Run-out deviation approx.. 100 µm measured to the basis AB with filter of 0-150 W/U, analysis after LSC. Filter: Gauß 50% <p>Parameters checked:</p> <ul style="list-style-type: none"> • The location (Vibration) • The accuracy of the measuring spindle • The dynamic of the probe • The sensibility of the probe 	
<p>100.002</p> 	<p>Roughness master RN 201</p> <p>For checking your surface measuring system with certificate according to DIN 55350-18-4.2.2.</p> <p>The roughness standard disposes a special reference profile.</p> <ul style="list-style-type: none"> • The measurement value Ra, Rmax und Rz are traceable over the calibration chain DKD to PTB. • The measurement values Pt, Rt, Rk und Rp are indicated. Measured with a length of 4 mm and a Cutoff of 0,8 mm <p>Parameters checked:</p> <ul style="list-style-type: none"> - The location (vibration) - The dynamic of the probe - The accuracy of the probe - Determination of the surface characteristic 	
<p>100.003</p> 	<p>Contour master CN 303</p> <p>For checking your contour measuring system with certificate according to DIN 55350-18-4.2.2.</p> <p>The contour standard disposes following geometries</p> <ul style="list-style-type: none"> • angle approx. 90 Grad • radius approx. 2500 µm • 5 profile grooves with a distance of approx. 1000 µm <p>Parameters checked:</p> <ul style="list-style-type: none"> • The vertical sensivity • The horizontal sensivity • The geometry of the probe • The dynamic of the probe 	

Order-no	description										Price in €
<p>100.016</p>  	<p>Contour masterCN 180 For checking the measuring equipment according to the new standard VDI/VDE 2629 with certificate</p> <p>Total length 180 mm with 8 defined geometries with a minimum deviation of the elements.</p> <p>2x angles 90° convex 1x angle 90° concave 3x rayons convex 2x rayons concaves +horizontal distances - (X) and height (Z)</p>										<p>1.450,00</p>
<p>Element</p>	M1	M2	M3	M4	M5	M6	M7	M8	M9		
<p>Theoretic value</p>	5,5324 mm	5,5026 mm	11,0065 mm	5,5360 mm	34,5062 mm	6,0010 mm	52,5090 mm	6,0006 mm	69,5087 mm		
<p>element</p>	M10	M11	M12	M13	M14	M15	M16	M17			
<p>Real value</p>	3,0002 mm	81,5107 mm	3,0006 mm	165,5122 mm	3,0006 mm	90° 0' 21"	89° 59' 8"	89° 59' 14"			
<p>100.016-DKD</p> 	<p>DKD-Calibration for CN 180</p>										<p>660,00</p>