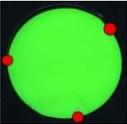
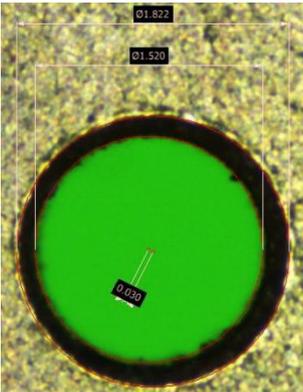


Quick Start	Measurement by comparison with DXF file using VideoCAD EVO software
        <div data-bbox="220 1037 371 1137"> <p>Simple</p> <p><input checked="" type="checkbox"/> Geometric</p> <p>Measuring edge</p> <p>Centroid</p> </div>   <div data-bbox="193 1491 400 1559"> <p>Set in center of a new circle</p> <p>Set in the center of a new segment</p> <p>Orient to a new segment</p> </div>  <div data-bbox="193 1776 400 1843"> <p>Set in center of a new circle</p> <p>Set in the center of a new segment</p> <p>Orient to a new segment</p> </div>  	<ol style="list-style-type: none"> Power the machine and the computer, open the VideoCAD EVO software. Turn on one or several illuminators, gently place the part on the table glass. Set the zoom-optic to the 0.58X setting and put the ridge of the part to the center of the camera picture. Increase the zoom-optic magnification to a minimum of 3X or 4X and set the sharpness of the edge. Set the desired magnification without changing the position of the Z-axis. Optimize the illuminators, the reference ridge of the part must be as sharp and clear as possible. Choose the corresponding zoom setting on the software to match the optic-zoom setting. The magnification must match the desired resolution, minimum 1X for a measurement. Tab "Drawing" : Open drawing, allows to search for a DXF file on your computer (network). Once the drawing is on your screen, verify that the reference (axis) cross (red) is positioned on your "zero point". To move the "zero point", select "Move axes" with the cursor "Geometric" and select the desired element. Validate with "Enter" (Scrolling with the mouse allows to zoom on a detail). <i>Tip: Press "Shift" in "Move drawing" mode. (temporarily positions the pivot)</i> The "zero point" (axis) corresponds to the center of rotation "pivot" of the "drawing". F8 (Move drawing). Allows the positioning of the drawing on the part, keep the left mouse button pressed and move the drawing on your video picture, the > < buttons allow a quick movement. F10 to F12 allow a fine X & Y movement. Move on the reference line and rotate the drawing with keys "Page Up & Page Down". F10 to F12 allow a fine rotation. <i>Tip: Press "Shift" and move the mouse up and down = drawing rotation</i> F7 (Camera View) allows you to return to the picture of your part. Function right-click to select a movement option. On a diameter = to "Set in center of a new circle", select three points on the diameter at 120°. The axis overlaps at the center of the diameter in X & Y direction. Move on top of the reference line and rotate the drawing with keys "Page Up & Page Down". F10 to F12 allow a fine rotation. <i>Tip: Press "Shift" and move the mouse up and down = drawing rotation</i> Alignment = "Orient to a new segment" allows you to give a new orientation of the drawing in reference to a line. The value is 0 when two points are selected from left to right. The value is 180 when two points are selected from right to left. The value is 90 when two points are selected from bottom to top. The value is -90 when two points are selected from top to bottom. X & Y movement can be done with < > keys or the left mouse button pressed. Once the drawing is adjusted with the X & Y movement as well as the alignment "Page Up & Page Down", you must validate the new drawing position with the key "Enter" (without validation, the drawing will reposition itself to the previous location).

Quick Start	Measurement without DXF file using VideoCAD EVO software
        <p>Align segment Align by 2 points Angle from start</p> <p>Simple Geometric Measuring edge Centroid</p>        	<ol style="list-style-type: none"> 1. Power the machine and the computer, open the VideoCAD EVO software. 2. Turn on one or several illuminators, gently place the part on the table glass. 3. Set the zoom-optic to the 0.58X setting and put the the ridge of the part to the center of the camera picture. Increase the zoom-optic magnification to a minimum of 3X or 4X and set the sharpness of the edge. 4. Set the desired magnification without changing the position of the Z-axis. 5. Optimize the illuminators, the reference ridge of the part must be as sharp and clear as possible. 6. Choose the corresponding zoom setting on the software to match the optic-zoom setting. The magnification must match the desired resolution, minimum 1X for a measurement. 7. Tab "Measure" : Distance = Mouse click on one part's ridge, move the mouse in the picture or the table and find the second edge. 2 points = Mouse click on two part's ridges, the dimension is shown on the screen. TAB allows the orientation of the measurement (X, Y or L). Mouse click places the measurement on the picture. (Warning, the dimension can't be moved anymore). Mouse right-click proposes several options (orientation, construction and choice of cursors). 8. Choice of cursors : "ALT" key or mouse right-click allows you to choose between the cursors. <ul style="list-style-type: none"> - Cursor Simple, selects the dot on the pixel at the center of the cross. - Cursor Geometric, the white "circle" hangs on an element (measured, built or of the DXF) - Cursor Measuring edge, researches in the red zone, the most contrasted pixel on the part. - Cursor Centroid, researches the center of a closed shape in the picture (delicate use). 9. Diameter = Mouse click on the ridge and move the mouse on the picture or the table to find the second or third point (a diameter is always measured with three points). Mouse click places the measurement on the picture. (Warning, the dimension can't be moved anymore). Mouse right-click proposes more options (orientation, construction and choice of cursors). Radius = Similar to "diameter" but the value is displayed as radius. (3 points) Angle = Draw two lines by clicking on opposite ridges (as far as possible). (4 points) Position the mouse in the requested direction of the angle (TAB proposes angle complements). Concentricity = Measure two diameters, then request distance between the two centers (TAB allows you to choose the measurement orientation X, Y or L). Lag = L x 2