QUINDOS 2D Gauging

This packages provides several best-fit programs for a variety of applications.

One of them is the 2D best-fit of hole patterns, with or without datums, resp. the best fit of centerpoints of elements. The number of holes is not limited, and up to 2 datums can be considered for the best-fit.

The best-fit minimizes the distance of the measured hole to the circle enveloping the nominal position. The diameter of the enveloping circle is determined by the positional tolerance, plus any MMC on the hole.

The position of the hole pattern before and after fitting is plotted.