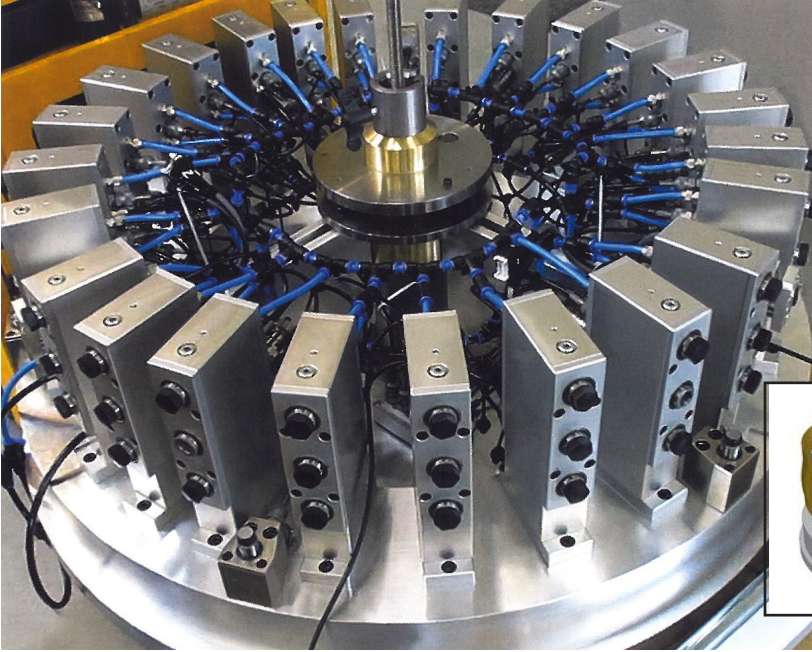


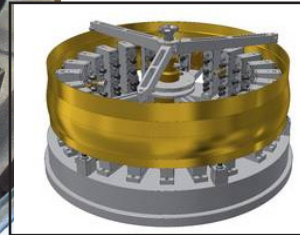
# Adaptive Clamping



**Adaptive Clamping specifically designed for unstable, thin-walled surfaces, as well as free-form surfaces or cast parts.**

**Uses include jet turbine engine**

**assembly and other specialized applications.**



**THE PRINCIPAL: Adaptive clamping elements and fixtures adapt to the outline of the workpiece.**

Using this approach, we meet the challenge of clamping thin walled and unstable parts as well as free-form surfaces or cast parts—which usually have greater tolerances—for precision machining. The goal is to support the parts as much as possible against the forces of the machining process. The higher the form fit, the lower the required clamping forces reducing additional strain to the part.

Axial movable pins are guided and hydraulically locked by KOSTYRKA© clamping sleeves. Check out the Kostyrka Clamping Sleeve in action.



**APPLICATION:** Within one year, the original 10-ton blank was ground to its final convex aspherical shape with a thickness of only 10 cm and a final mass of 3 tons using Kostyrka® Adaptive Clamping at Schott AG in Mainz Germany.

 **KOSTYRKA**



Euro-Tech is the exclusive North American distributor of the Kostyrka product line. For more information visit [www.eurotechcorp.com/kostyrka](http://www.eurotechcorp.com/kostyrka)