

MACHINED SPRINGS BY TAYLOR DEVICES

Highly Precise Machined Springs

Qualified to NASA standards, machined springs are now available in virtually any configuration to meet challenging requirements.

- Infinite Life – Fatigue analysis using FEA provides a fatigue-free spring design
- Precise performance – within +/-2% or better if required
- Wide variety of materials including stainless steel, alloy steel, aluminum, titanium, Inconel, and even plastic
- Precise alignment
- Zero twisting or buckling
- Up to 16 inches in diameter
- Operation in tension and/or compression
- Fewer parts – end fittings can be incorporated into a single piece design
- Can be optimized for lightest weight
- Less space required than conventional springs
- Can be tuned to a precise frequency, load at height, and/or spring rate as needed
- Limitless options for coatings/colors

