

Wire Forms

Newcomb Spring custom-manufactures wire form parts on a variety of equipment including CNC machines, four-slide machines, multi-slide machines and verti-slide machines. In many applications our facilities can form these parts without the need for special tooling.

Recent advances in CNC manufacturing technology have significantly lowered the cost of creating prototypes of complex wire forms. The Newcomb engineering staff gladly assists customers with part design, and we often produce prototypes to help ensure components will fit into space requirements. Modern prototypes can often be changed and reproduced in minutes, saving time, lowering costs and avoiding design errors.

Stress Relieving

To ensure a component's dimensions fall within predetermined tolerances, wire forms are often stress relieved during production. This process improves the reliability of Newcomb's parts in your products, while streamlining the manufacturing process and lowering total production costs.

Specifications

Our material size range for wire forms is from .004-inches to .468-inches in diameter for round wire, up to .062-inches in diameter and 2.0-inches wide for shaped wire, and up to .187-inches in diameter for square wire.

Common Wire Form Manufacturing Materials:

- | | | |
|------------------------------|----------------------|-------------|
| • spring steel | • stainless alloys | • monel |
| • high carbon steel | • non-ferrous metals | • inconel |
| • low carbon steel | • elgiloy | • titanium |
| • nickel plated carbon steel | • hastelloy | • and more! |

