

SIDEWALL FRAMES

- Tubular side wall frames for hybrid microelectronic circuit packages
- Markets served: Defense, Commercial electronics, Communications, Medical
- Wide range of open tooling for quick delivery
- Hydraulic press forming of nickel alloy plate
- Traditional tube annealing, cold drawing, cutting to size
- Secondary operations include lap grinding, sidewall hole piercing

MATERIALS

- Nickel-iron alloys (29/17, Kovar*, ASTM F-15, 42 alloy, 44 alloy, 46 alloy, 52 alloy)
- Carbon steel
- Stainless steel
- Copper

SHAPES

- Squares
- Rectangles
- Rounds
- Special custom shapes

SIZES

- Wall thicknesses from 0.010" to 0.250"
- Outside dimensions (length x width) from 0.062" x 0.032" to 4.000" x 2.000"
- Heights from 0.025" to 2.000"

* Kovar is a registered trademark of Carpenter Technology