

Alloy 410 09/17

Fabrication Data

Heat Treatment

Annealing — Heat slowly to 1500–1650°F (816–899°C), cool to 1100°F (593°C) in furnace, air cool

Process Annealing — Heat to 1350–1450°F (732–788°C), air cool

Hardening — Heat to 1700–1850°F (927–1010°C), air cool or oil quench. Follow by stress-relief or temper

Stress Relieving — Heat to 300–800°F (149–427°C) for 1 to 2 hours, air cool

Tempering — Heat to 1100–1400°F (593–760°C) for 1 to 4 hours, air cool

Cold Forming

The information and data in this product data sheet are accurate to the best of our knowledge and belief, but are intended for informational purposes only, and may be revised at any time without notice. Applications suggested for the materials are described only to help readers make their own evaluations and decisions, and are neither guarantees nor to be construed as express or implied warranties of suitability for these or other applications.