

S & C Precision, Inc.

Since 1986

CAPABILITIES STATEMENT

Small-diameter, tight-tolerance turned parts in nickel superalloys, thermocouple alloys, and cryogenic polymers. Quotes in 24-48 hours.

AS9100 Rev D | ISO 9001:2015 | Woman-Owned Small Business | 40 Years in Aerospace & Defense

24-48 hrs Quotes, with DFM review	10 days Prototype / first article, business days	±0.0002" Best-held tolerance	Ø0.083" Smallest Swiss diameter
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Address	5118 Calmview Ave., Baldwin Park, CA 91706
Location Advantage	Under an hour from Glenair, Crane, L3Harris, Parker, and the South Bay space cluster
Contact	626-338-7149 · www.sandcprecision.com
CAGE / DUNS	CAGE Code 0ZYW5 · DUNS 622240661
NAICS / SIC	NAICS 332710 · 332721 · 332722 · 332999 · 336413 · 336419 · SIC 3451 · 3452 · 3499
Business Status	Small Business · Woman-Owned (self-certified) · SAM.gov Active
Facility	15,000 sq ft · 12 employees
Markets Served	Aerospace · Defense · Space · Medical components (non-implant)
Past Performance	40 years supplying aerospace and defense customers, prototype through recurring production

COMPANY OVERVIEW

S & C Precision, Inc. has supplied precision-machined parts to the aerospace and defense industries for 40 years. From our AS9100D-certified, 15,000 sq ft facility in Baldwin Park, California, we produce small-diameter and complex turned, Swiss-machined, and milled components, from prototype and first article through recurring production.

Our niche is the hard work: Inconel, Hastelloy X, Chromel, Alumen, and cryogenic polymers such as PCTFE, held to ±0.0002" and verified in a dedicated temperature- and humidity-controlled inspection lab, with full traceability on every shipment.

WHY BUYERS CHOOSE S & C PRECISION, INC.

Hard materials, small parts. Nickel superalloys, thermocouple alloys, and high-performance polymers for propulsion, fluid-system, sensor, and instrumentation hardware.

Speed to first article. Prototype and first-article parts in 10 business days; AS9102 FAI reports with every new part.

Fast, useful quotes. Quotes in 24-48 hours, with a design-for-manufacturing (DFM) review on every quote to cut cost and risk before the first chip.

Capacity available now. Open capacity on Swiss, turning, and milling. Swiss and DMG MORI cells run unattended overnight.

CERTIFICATIONS & COMPLIANCE

AS9100D / ISO 9001	AS9100 Rev D incl. ISO 9001:2015 · Certificate No. 18759 · PRI Certification · Expires 1/11/2027
Export Control	ITAR- and EAR-controlled technical data and hardware handled per customer flow-down requirements: access control, U.S.-persons-only handling, and segregated storage of controlled technical data. DDTC registration available upon program award.
Cybersecurity	NIST SP 800-171 / CMMC Level 2 in progress. ProShop ERP hosted in AWS GovCloud (US) / FedRAMP High, restricted to screened U.S. persons.
DFARS	DFARS 252.225-7008 / 7009 compliant specialty metal sourcing; domestic melt certification available.

MACHINING CAPABILITIES

Swiss-Type CNC Turning — our core

- **Citizen L32** — 1.26" (32 mm) bar, parts to 3.0" long
- **Citizen L12** — 0.472" (12 mm) bar • both bar-fed
- Ø0.083"-1.26" • smallest part Ø0.083" × 0.280"
- Fittings, pins, poppets, contacts, fasteners, sensor hardware

CNC Turning — 5 Centers

- **DMG MORI NLX 2500 | 700** — Y-axis, live tooling, sub-spindle, bar feeder; complete parts in one setup
- **(3) Haas SL-30** — Ø10.0" × 9.0" max • **(1) Haas SL-20**

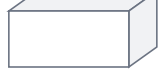
CNC Milling — 3 Vertical Machining Centers

- **Haas VF-4** — 40" × 17" × 20" max envelope
- **Haas VF-2 and VF-0** — typical 6" × 6" × 5"

Tolerances & Finishes

- Standard ±0.0005" • best-held **±0.0002"**
- Surface finish to 15-32 Ra
- True position, GD&T, and complex profiles per ASME Y14.5
- Prototype and first article through recurring production

Open capacity now. Bar-fed Citizen Swiss and DMG MORI cells run unattended overnight, adding production hours without adding lead time. Call to reserve spindle time for new programs.

CORE WORK • SWISS	TURNING SWEET SPOT	TYPICAL MILLING	MAX TURNING	MAX MILLING
				
Ø0.083"-1.26" × 3.0" Bar-fed, runs overnight	Ø5.0" × 6.0" DMG MORI / Haas	6" × 6" × 5" Haas VF-0 / VF-2	Ø10.0" × 9.0" Haas SL-30	40" × 17" × 20" Haas VF-4

Each envelope drawn individually, not to a common scale. Dimensions are what matter.

MATERIALS — ALL GRADES OF THE MATERIALS BELOW

Nickel Superalloys	Inconel (incl. 625, 718) • Hastelloy (incl. Hastelloy X) • Monel
Thermocouple Alloys	Chromel • Alumel
Stainless Steel	All grades, incl. 303, 304, 316/316L, 15-5 PH, 17-4 PH
Aluminum & Alloy Steel	All aluminum grades, incl. 6061, 7075 • 4140 alloy steel
Cryogenic & High-Performance Polymers	PCTFE (Kel-F) • Torlon • Fluoropoly and comparable engineered plastics
Copper Alloys	Copper • Brass

All material from approved, traceable mill sources with full certifications retained per AS9100D.

QUALITY & INSPECTION

- Climate-controlled inspection room • Keyence IM-7030 (touch probe) and LM-X100L optical measurement
- (2) Mitutoyo PH-14LS comparators • flatness and profilometry
- AS9102 FAI (Forms 1-3) and full cert packages every shipment
- NIST-traceable calibration • 8D / 5-Why • FOD control

SPECIAL PROCESSES

Through NADCAP-certified suppliers, with S & C holding single-point accountability for the finished part:

Anodize (Type II / III) • Chem film • Passivation • Heat treat • Annealing • Electroless nickel • Gold plating • Cadmium plating • Painting & coating • NDT (FPI) • Laser marking • EDM • Grinding

PERFORMANCE

Quote Turnaround	24-48 hrs, DFM review included	Prototype / FAI	10 business days
On-Time Delivery	98%	Production Lead Time	6-8 weeks (expedite available)
Quality Acceptance	99.8%	ERP / CAD-CAM	ProShop ERP • Mastercam • Esprit

POINT OF CONTACT **Brian Rivas**, Operations Manager • brian@sandcprecision.com • 323-497-6795

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