



SPS Technologies Special Fasteners

The Products

Special socket screw products that meet customer specifications...

- Socket Head Cap Screws
- Flat Head Socket Screws
- Socket Set Screws
- Shoulder Screws
- Button Head Socket Screws
- Dowel Pins

Drilled head optional.

The Materials

Grade & Material Specification	Material Ultimate Tensile Strength min., psi	Maximum Operating Temperature, °F	Corrosion Resistance	Magnetic/ Non-Magnetic, M/NM
Aermet® 100 (AMS 6532)	280,000	800	plating required	M
H-11 (AMS 6487)	260,000	900	plating required	M
MP 159® (AMS 5842)	260,000	1100	excellent	NM
MP 35N® (AMS 5844)	260,000	700	excellent	NM
INCONEL® 718 (AMS 5962)*	220,000	900	excellent	NM
AEREX 350®	210,000	1350	excellent	NM
A286 (AMS 5726)	200,000	900	excellent	NM
Alloy Steel	190,000	550	plating required	M
AISI 8740	180,000	450	plating required	M
M254 (AMS 6304)	180,000	1000	plating required	M
INCONEL® 718 (AMS 5662)	180,000	1200	excellent	NM
400 Series Stainless Steel	160,000	600	excellent	M
A286 (AMS 5853)	160,000	1000	excellent	NM
Titanium Alloy (AMS 4967)	160,000	500	excellent	NM
WASPALLOY® (AMS 5708)	150,000	1600	excellent	NM
A286 (AMS 5731)	140,000	1200	excellent	NM

**Plus cold work*

Chemical and physical certifications provided. Additional certification available upon request.

Platings & Coatings

	Maximum Operating Temp., °F		Maximum Operating Temp., °F
Silver (AMS 2410)	1200	Zinc (AMS 2402)	500
Nickel Cadmium (AMS 2416)	900	Cadmium (AMS 2400)	450
Dry Film	850		

The Advantages

SPS Technologies has the experience and resources to meet your most exacting requirements for general and critical applications.

- Expertise with special materials, close tolerances and critical requirements
- Qualified Products List (QPL) approved manufacturing facility
- Stringent quality assurance for all products
- Statistical monitoring of all manufacturing phases
- Product engineering can assist in the selection of materials and finishes
- MS & NAS socket screw products manufacturing capabilities

To request a quote or have a sales representative call, contact SPS Technologies customer services group at 215-572-3000; fax: 215-572-3363; www.spstech.com.