



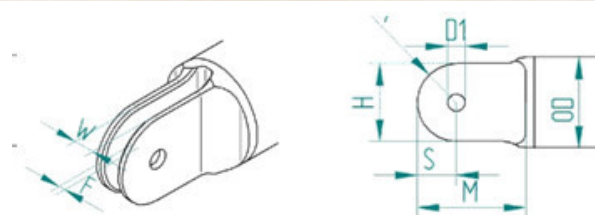
STANDARD STRUTS

**A COST EFFECTIVE
FLIGHT-PROVEN MASS REDUCTION**

SCSDK offers design, engineering, manufacturing, verification & integration support for all types of space vessel composite structures. We are a High-Tech firm focusing on disruptive approach to Space business.



STRUT PERFORMANCE



	Mass (G)	Tensile Strength [daN]	Compressive strength [daN]	Axial Stiffness [N/m]	Size [mm]	H	S	M	W	R	F	ØD1
SA-1700-523	34.3	228	-228	1.83×10^{-7}	Ø17 / L397	16	8	22	2.1	8	1.5	3
SA-2100-501	46.5	570	-570	2.42×10^{-7}	Ø21 / L374	18	9	25	3.5	9	1.5	4
SA-2100-505	41.3	648	-648	2.96×10^{-7}	Ø21 / L305.3	18	9	25	3.5	9	1.5	4
SA-2100-507	46.1	648	-648	2.51×10^{-7}	Ø21 / L360	18	9	25	3.5	9	1.5	4
SA-2100-509	40	420	-420	5.45×10^{-7}	Ø21 / L165.7	18	9	25	3.5	9	1.5	4
SA-2140-501	81.1	570	-570	2.07×10^{-7}	Ø21.4 / L588.3	18	9	21	4.5	9	2	4
SA-2140-503	81.1	1819	-720	1.94×10^{-7}	Ø21.4 / L628.1	18	9	21	4.5	9	2	4
SA-2140-505	80.7	1763	-1200	2.05×10^{-7}	Ø21.4 / L594.7	18	9	21	4.5	9	2	4
SA-2140-507	77.4	256	-256	2.06×10^{-7}	Ø21.4 / L591.4	18	9	21	4.5	9	2	4
SA-2290-521	193.9	924	-924	2.46×10^{-7}	Ø22.9 / L994	20	10	26	3.5	10	2	5.5
SA-2600-511	99.3	648	-648	1.43×10^{-7}	Ø26 / L784.6	20	10	25	3.5	10	1.5	4
SA-3050-501	152.2	3451/4380	-3220/-4025	4.06×10^{-7}	Ø30.5 / L535.9	24	12	29	8.5	12	3/4	6.7
SA-3050-503	196.5	1780/1615	-750/-1500	2.59×10^{-7}	Ø30.5 / L841	20	10	25	3.5	10	2/3	4
SA-3080-533	159.9	2880	-2880	2.40×10^{-8}	Ø30.8 / L256.5	24	14	33	8.5	12	4	6.7
SA-3080-535	139.5	2880	-2880	2.93×10^{-8}	Ø30.8 / L210	24	14	33	8.5	12	4	6.7

- Satellite and Instrument Struts
- Carbon/Epoxy tubing
- Aluminium 7075-T6 fittings
- Lead Time: 8-10 weeks
- Off-the-Shelf
- - 45°C to + 65°C
- In-house Manufacturing

Performance test reports available on request