

- Ceramic made from 99.5% high-purity alumina.
- Usable continually at 1500 deg C.
- Types can be selected by the end symbol of the part number. **3**
- **SCX-C** — Socket Head Cap Screws
- **SCX-H** — Hex Head Screws
- Excellent heat resistance, chemical resistance, and electrical insulation.
- The properties of ceramic screws → P.653
- Application

FPD production equipment, semiconductor devices, printed circuit board etching devices, metallic surface treatment equipment and facilities, and chemical plants

● Material/Finish RoHS Compliant

	SCX-C	SCX-H
Main Body	Al ₂ O ₃ (99.5% Alumina)	Al ₂ O ₃ (99.5% Alumina)

SCX-C Socket Head Cap Screws

Part Number 1	M	L 2								D1	L1	B	Mass (g)
		5	6	8	10	12	16	20	25				
SCX-M3-C	M3	5	6	8						5.5	3	2	0.34 - 0.4
SCX-M4-C	M4	5	6	8	10	12				7	4	2.5	0.71 - 0.98
SCX-M5-C	M5			8	10	12	16	20		8.5	5	3	1.2 - 2
SCX-M6-C	M6				10	12	16	20		10	6	4	2.4 - 3.3
SCX-M8-C	M8					12	16	20	25	13	8	5	5.5 - 7.5
SCX-M10-C	M10					12	16	20	25	30	16	10	9.5 - 14

Part Number	Qty per pack
SCX-M3-C	1
SCX-M4-C	1
SCX-M5-C	1
SCX-M6-C	1
SCX-M8-C	1
SCX-M10-C	1

⚠ Precautions for Use

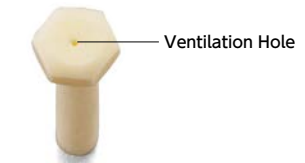
- When tightening ceramic screws, use a torque driver or torque wrench and do not exceed the torsional torque. The recommendation torque is 50% of the torsional torque.

M	Torsional Torque (N · m)
M3	0.04
M4	0.05
M5	0.10
M6	0.15
M8	0.30
M10	0.50

● Values in chart are for reference only. They are not guaranteed values.

- Ceramic screws may be damaged by impact. Take care when handling these screws.

- Also, ceramics screws with special specifications such as ventilation holes, dimensions, shapes, and cleanroom washing are available. Please contact us for details.



SCX-H Hex Head Screws

Part Number	M 1	L 2								B	L1	Mass (g)	
		5	6	8	10	12	16	20	25				30
SCX-M3-H	M3	5	6	8						5.5	2	0.31 - 0.38	
SCX-M4-H	M4	5	6	8	10	12				7	2.8	0.66 - 0.94	
SCX-M5-H	M5			8	10	12	16	20		8	3.5	1.3 - 2	
SCX-M6-H	M6				10	12	16	20		10	4	2.2 - 3.1	
SCX-M8-H	M8					12	16	20	25	13	5.3	5.1 - 7.2	
SCX-M10-H	M10					12	16	20	25	30	16	6.4	9.9 - 14

Part Number	Qty per pack
SCX-M3-H	1
SCX-M4-H	1
SCX-M5-H	1
SCX-M6-H	1
SCX-M8-H	1
SCX-M10-H	1

- Part number specification

SCX-M5-16-C

Product Code **1 2 3**