



- Ceramic made from 99.5% high-purity alumina.
- Usable continually at 1500℃.
- Types can be selected by the end symbol of the part number. 📵

**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.xxxx
- Application

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

Material/Finish



SCX-C Hex Socket Head Cap Screws  Unit:mm															
Part Number	M (Coarse)			L <b>42</b>										В	Mass (g)
	Nominal of Thread 📶	Pitch									D <sub>1</sub>	L1	В	Mass (g)	
SCX-M3-C	M3	0.5	5	6	8	10						5.5	3	2	0.34 - 0.44
SCX-M4-C	M4	0.7	5	6	8	10	12	16	20	25		7	4	2.5	0.71 - 1.6
SCX-M5-C	M5	0.8			8	10	12	16	20	25	30	8.5	5	3	1.2 - 2.8
SCX-M6-C	M6	1				10	12	16	20	25	30	10	6	4	2.4 - 4.2
SCX-M8-C	M8	1.25					12	16	20	25	30	13	8	5	5.5 - 8.5
SCX-M10-C	M10	1.5					12	16	20	25	30	16	10	6	9.5 - 14

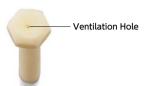
## Precautions for Use

• 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.
- Because a cumulative pitch difference is created when ceramic screws are manufactured, use them with **SCX-N** ceramic nuts.

• 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

Unit:mm														
Part Number	M (Coarse)			L <b>12</b>									L <sub>1</sub>	Mass (g)
	Nominal of Thread 📶	Pitch										В	LI	iviass (g)
SCX-M3-H	M3	0.5	5	6	8	10						5.5	2	0.31 - 0.43
SCX-M4-H	M4	0.7	5	6	8	10	12	16	20	25		7	2.8	0.66 - 1.5
SCX-M5-H	M5	0.8			8	10	12	16	20	25	30	8	3.5	1.3 - 2.6
SCX-M6-H	M6	1				10	12	16	20	25	30	10	4	2.2 - 4
SCX-M8-H	M8	1.25					12	16	20	25	30	13	5.3	5.1 - 8
SCX-M10-H	M10	1.5					12	16	20	25	30	16	6.4	9.9 - 14

• Part number specification



