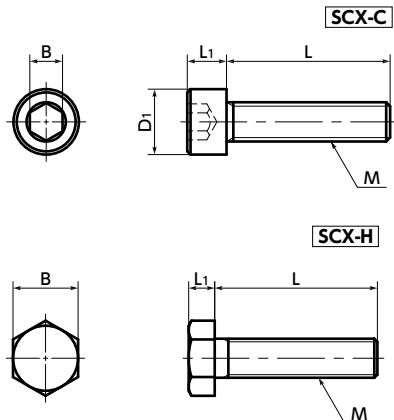




- Ceramic made from 99.5% high-purity alumina.
- Usable continually at 1500°C.
- Types can be selected by the end symbol of the part number. **3**

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

SCX-C Hex Socket Head Cap Screws

Part Number 1	M	L 2				D1	L1	B	Mass (g)				
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	6	9.5 - 14				

Unit : mm

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)				
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				

Unit : mm

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**

1 Individual Sales → P.xxxxx	Cleanroom Wash & Packaging → P.xxxxx	Screw Length Adjustment → P.xxxxx	Vibration Resistant → P.xxxxx	Modification process for captive use → P.xxxxx
1 unit in 1 bag	Available / Add'l charge	Not Available	Not Available	Not Available