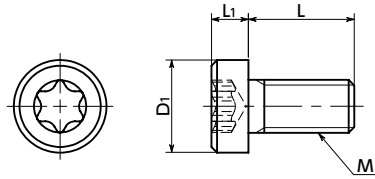


SPS-LH Plastic Screw PPS / Hexalobular Socket Head Cap Screw / Low Head **NEW**

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Protrusion](#)
[Heat-resistance](#)
[Chemical-proof](#)



● Material/Finish

RoHS2 Compliant

SPS-LH	
Main Body	PPS (Polyphenylene Sulfide) (Bright Light Brown) (Glass Fiber 40%)
Heat Resistance Temperature*1	200°C

*1 : This is the value for the resin material. The operating temperature of the product changes with performance conditions such as tightening torque.

- PPS low profile cap screw.
- PPS has excellent heat resistance and chemical resistance plus continuous use at 200°C. There are no fats or organic solvents capable of attacking PPS below 200°C.
- Retains high strength, rigidity and heat resistance.
- It also has high flame retardance which clears the UL 94 V-0 standard.
- The recess has a hexalobular*1 shape that can withstand high tightening torque. → P.xxxx
- Install and remove with **SKX** Dedicated Wrench or **SKXB** Dedicated Bit and **SRD** Dedicated Magnetic Screwdriver together.
- Use the **SKX-N** hexalobular wrench for extremely limited access spaces for mounting and removing in tight spaces.
- The properties and precautions of plastic screws → P.xxxx

*1 : The hexalobular shape is prescribed by JIS B 1015: 2008(ISO 10664: 2005)"Hexalobular internal driving feature for bolts and screws".

● Application

FPD production equipment / Semiconductor devices / Printed circuit board etching devices / Metallic surface treatment equipment and facilities / Chemical plants / Transformers / Electrical and electronic equipment / Hot water pumps / Chemical pumps

Unit : mm

Part Number	M (Coarse)		L								D1	L1	Applicable Wrench	Hexalobular Socket No.	Tension Rupture Load*1 (N)	Torsional Torque*1 (N·m)	Mass (g)	
	Nominal of Thread	Pitch	6	8	10	12	16	20	25	30								40
SPS-M3-LH	M3	0.5	6	8	10	12	16	20				5.5	2.4	SKX-10	10	566	0.28	0.14 - 0.26
SPS-M4-LH	M4	0.7	6	8	10	12	16	20	25			7	3.1	SKX-20	20	918	0.71	0.25 - 0.54
SPS-M5-LH	M5	0.8	8	10	12	16	20	25	30			8.5	3.65	SKX-25	25	1584	1.4	0.49 - 1.04
SPS-M6-LH	M6	1			10	12	16	20	25	30	40	10	4.4	SKX-30	30	2011	1.86	0.81 - 1.9

*1 : Values in chart are for reference only. They are not guaranteed values. The recommended tightening torque is 50% of the torsional torque.

Part Number	per Pack Qty
SPS-M3-LH	10
SPS-M4-LH	10
SPS-M5-LH	10
SPS-M6-LH	10

● Also sold separately from 1 piece up. → P.xxxx

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

● Related Products

PPS hex nuts and washers **SPS-N** **SPS-W** are available.
→ P.xxxx



SKX Hexalobular Wrench
→ P.xxxx



SKX-N Hexalobular Wrench for Extremely Limited Access Spaces
→ P.xxxx



SKXB Hexalobular Short Bit
→ P.xxxx



SRD Magnet Screwdriver
→ P.xxxx



● Part number specification

SPS-M5-30-LH

Product Symbol **1** **2** Product Symbol

Order in number of packs.

Also sold separately from 1 piece up. → P.xxxx