

SSHH-C22

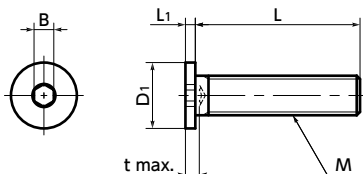
Hex Socket Head Cap Screws with Special Low Profile (Hastelloy C - 22 equiv.)



Cleanroom wash & packaging



Chemical-proof



- Engraved on the top of the head to distinguish it from other materials

Material/Finish



RoHS

	SSHH-C22
Main Body	UNS N06022 (Hastelloy*1 C-22 equiv.)

*1: Hastelloy is a registered trademark of Haynes International, Inc.

Mechanical Properties

	Hastelloy (UNS N06022)	SUS304
Tensile Strength (N/mm ²)	690 or More	520 or More
0.2% Proof Load (N/mm ²)	310 or More	205 or More
Elongation (%)	45 or More	40 or More

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

Physical Properties

	Hastelloy (UNS N06022)	SUS304
Specific Gravity	8.69	7.93
Longitudinal Elastic Modulus (GPa)	206	193
Specific Heat (J/kg·K)	414	500
Electric Resistance (μΩ·m)	1.14	0.7
Linear Expansion Coefficient (K ⁻¹)	12.4 × 10 ⁻⁶	17.3 × 10 ⁻⁶

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



- Hex Socket Head Cap Screws with Special Low Profile equivalent to Hastelloy C-22.
- All head heights are 1.5 mm or less. For space-saving of equipment/devices and applications with limited overhead space.
- Hastelloy C-22 is one of the few metals which can withstand wet chlorine gas, hypochlorite, and chlorine dioxide.
- Excellent corrosion resistance against oxidizing and reducing acids and salts.
- For Offshore instrument that handles seawater and salt water.
- Cleanroom wash/cleanroom packing provided.

Application

Reducing the size of equipment and devices
FPD production equipment / Semiconductor manufacturing equipment /
Printed circuit board etching devices /
Metallic surface treatment equipment and facilities / Chemical plants

Unit : mm

Part Number	M (Coarse)		L								D1	L1	B	t max.	Max. Torque (N·m)	Mass (g)
	Nominal of Thread	Pitch														
SSHH-M2-C22	M2	0.4	4	5	6	8	10	12			4	1.1	1.3	1.2	0.12	0.17 - 0.31
SSHH-M2.5-C22	M2.5	0.45	4	5	6	8	10	12			5	1.3	1.3	1.5	0.5	0.32 - 0.55
SSHH-M3-C22	M3	0.5	4	5	6	8	10	12			6	1.3	1.5	2	0.8	0.46 - 0.8
SSHH-M4-C22	M4	0.7		5	6	8	10	12	16		8	1.5	2	2.5	1.9	0.92 - 1.8
SSHH-M5-C22	M5	0.8			6	8	10	12	16	20	25	9	1.5	3	3.6	1.4 - 3.8

Part Number Specification

SSHH-M5-12-C22

Batch cleanroom packing is provided for orders containing multiple items of the same size.

Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
1 piece in 1 pack	Cleanroom washed and packed	Available / Add'l charge	Available / Add'l charge	Not Available