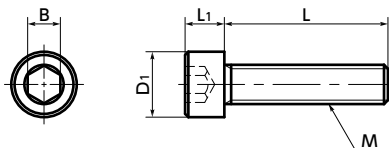


SNSH-C276 Hex Socket Head Cap Screws (Hastelloy C - 276 equiv.)



[WEB Selection Tool](#)
[WEB CAD Download](#)
[Cleanroom wash & packaging](#)
[Chemical-proof](#)



● Mechanical property

	Hastelloy (UNS N10276)	SUS304
Tensile Strength (N/mm ²)	793	520 or Higher
0.2% Proof Stress (N/mm ²)	400	205 or Higher
Elongation (%)	60	40 or Higher

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

● Physical property

	Hastelloy (UNS N10276)	SUS304
Specific Gravity	8.89	7.93
Longitudinal Elastic Modulus (GPa)	205	193
Specific Heat (J/kg·K)	427	500
Electric Resistance (μΩ·m)	1.3	0.7
Linear Expansion Coefficient (K ⁻¹)	11.2 x 10 ⁻⁶	17.3 x 10 ⁻⁶

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



- Hastelloy C-276 is a general type of Hastelloy.
- Excellent corrosion resistance against oxidizing and reducing salts. → P.xxxx
- Cleanroom wash and cleanroom packing are completed. → P.xxxx
- Also, **[SNSH-C22]** Socket Head Screw-Hastelloy (Hastelloy C-22), which is also resistant to wet chlorine gas, hypochlorite, and chlorine dioxide is available. → P.xxxx

● Application

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

● Material/Finish

RoHS2 Compliant

SNSH-C276	
Main Body	UNS N10276(Hastelloy*1C-276 equiv.)

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

Unit : mm

Part Number	M (Coarse)		L 2								D1	L1	B	Tension*1 Rupture Load (N)	Mass (g)
	Nominal of Thread 1	Pitch	6	8	10	12	16	20	25	30					
SNSH-M3-C276	M3	0.5										3	2.5	3980	0.81 - 1.6
SNSH-M4-C276	M4	0.7		8	10	12	16	20	25			7	4	6960	1.9 - 3.6
SNSH-M5-C276	M5	0.8			10	12	16	20	25			5	4	11200	3.1 - 5.4
SNSH-M6-C276	M6	1				12	16	20	25	30		10	6	15900	5.8 - 9.5
SNSH-M8-C276	M8	1.25					16	20	25	30	35	13	8	29000	14 - 22

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

Part Number	Qty per Pack
SNSH-M3-C276	1
SNSH-M4-C276	1
SNSH-M5-C276	1
SNSH-M6-C276	1
SNSH-M8-C276	1

● Part number specification

SNSH - M5 - 16 - C276

Product Code	1	2	Product Code
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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
1 unit in 1 bag	Cleanroom washed and packed	Available / Add'l charge	Available / Add'l charge	Available / Add'l charge