

SNSS-BK Hex Socket Head Cap Screws - Super Black



Unit:mm

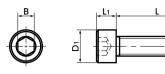












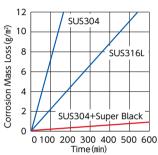
Material/Finish

Main Body

Strength Class



• Corrosion-resistant comparison Ferric Chloride Corrosion Testing (JIS G 0578)



This graph compares corrosion weight loss of a test piece in 6% ferric chloride solution over time

Comparing over the same time period, the mass loss due to corrosion of super black is much less than that of SUS304 and SUS316L, which confirms the good corrosion resistance of super black.

Application

Antireflection. Optical instruments, FPD production equipment, semiconductor devices, vacuum applications, and general industrial machines



- The stainless black surface treatment develops a passive membrane on the stainless steel surface up to 200 times of normal to produce a deep black finish.
- Excellent corrosion resistance, 8 times more resistant compared to SUS316L and 32 times to SUS304, respectively.
- The membrane contains no impurities and has extremely low outgas even in vacuum environments.
- Spectral reflectance is 1.5% or less. For optical instruments and other applications that require antireflection.
- Deep black color decorates surfaces of equipment and devices.
- Complies with JIS B 1176, ISO 4762, and DIN 912. For details on shape and dimensions, please refer to the "Technical Information (JIS B 1176, ISO 4762)".

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Part Number	M (Coarse)															D ₁	L ₁ B		Mass (g)		Qty
	Nominal of Thread 411	Pitch														•		per pack			
SNSS-M2-BK	M2	0.4	3	4	5	6										3.8	2	1.5	0.16	- 0.22	5
SNSS-M3-BK	M3	0.5			5	6	8	10	12	16	20					5.5	3	2.5	0.67	- 1.4	5
SNSS-M4-BK	M4	0.7				6	8	10	12	16	20	25				7	4	3	1.5	- 3.2	5
SNSS-M5-BK	M5	0.8					8	10	12	16	20	25				8.5	5	4	2.5	- 4.8	5
SNSS-M6-BK	M6	1						10	12	16	20	25	30			10	6	5	4.7	- 8.3	5
SNSS-M8-BK	M8	1.25								16	20	25	30	35		13	8	6	12	- 19	5
SNSS-M10-BK	M10	1.5									20	25	30	35	40	16	10	8	23	- 33	5

• When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

• Part number specification



1 Inclividual Sales → Pxxxxx 🕵 Cleanroom Wash & Packaging → Pxxxx 📦 screw Length Adjustment → Pxxxx 🖭 Vibration Resistant → Pxxxx 🕌 Modification process for captive use → Pxxxx Available / Add'l charge | Available / Add'l charge Not Available Not Available Please feel free to contact us