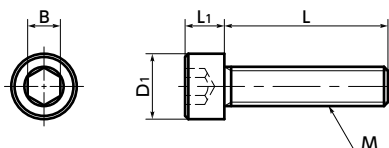




# SNSS-BK Hex Socket Head Cap Screws - Super Black

Vacuum 
 Chemical-proof 
 Antireflection 
 SUS Stainless steel



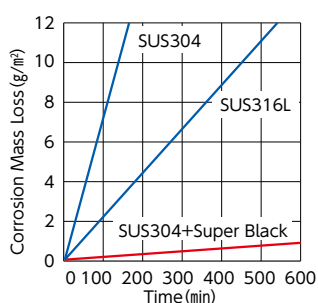
## ● Material/Finish



	SNSS-BK
Main Body	SUSXM7 (Equivalent to SUS304) Stainless Steel Black
Strength Class	A2-70

## ● 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.



- 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.
- Conforms to JIS B 1176, ISO 4762, and DIN 912.  
⇒ Technical Information : JIS B 1176, ISO 4762
- Application

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

Unit : mm

Part Number	M (Coarse)		L													D1	L1	B	Mass (g)	Qty per pack
	Nominal of Thread	Pitch																		
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

### SNSS-M5-16-BK

Product Code Product Code

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
Available / Add'l charge	Available / Add'l charge	Not Available	Not Available	Please feel free to contact us