



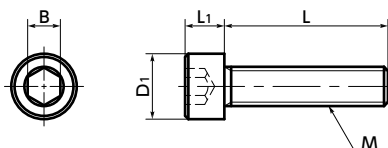
SNSS-BK Hex Socket Head Cap Screws - Super Black

WEB Selection Tool

CAD Download

Antireflection

SUS Stainless steel



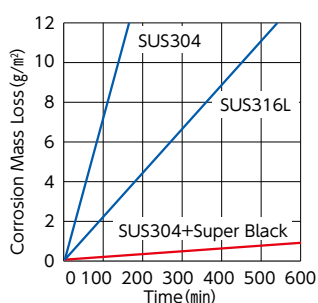
Material/Finish

RoHS2 Compliant

	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.

Part number specification

SNSS-M5-16-BK

Product Code **1** **2** Product Code

Order in number of packs.

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



- 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. ➔ P.xxxx
- Deep black color decorates surfaces of equipment and devices.
- Application

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

Unit : mm

Part Number	M	1	L	2												D1	L1	B	Mass (g)
SNSS-M2-BK	M2	3	4	5	6											3.8	2	1.5	0.16 - 0.22
SNSS-M3-BK	M3			5	6	8	10	12	16	20						5.5	3	2.5	0.67 - 1.4
SNSS-M4-BK	M4				6	8	10	12	16	20	25					7	4	3	1.5 - 3.2
SNSS-M5-BK	M5					8	10	12	16	20	25					8.5	5	4	2.5 - 4.8
SNSS-M6-BK	M6						10	12	16	20	25	30				10	6	5	4.7 - 8.3
SNSS-M8-BK	M8								16	20	25	30	35			13	8	6	12 - 19
SNSS-M10-BK	M10									20	25	30	35	40		16	10	8	23 - 33

Part Number	Qty*1 per pack
SNSS-M2-BK	5
SNSS-M3-BK	5
SNSS-M4-BK	5
SNSS-M5-BK	5
SNSS-M6-BK	5
SNSS-M8-BK	5
SNSS-M10-BK	5

*1 : 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	Not Available	Not Available	Please feel free to contact us