



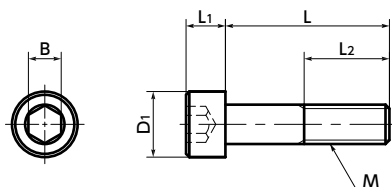
SPFS Socket Head Cap Screws - Perfect S.S.

WEB Selection Tool

WEB CAD Download

High strength

Magnetic



● Mechanical property

	Perfect S.S.	SUSXM7*	SUS410
Tensile Strength (N/mm ²)	1000	700	1200
0.2% Proof Stress (N/mm ²)	770	450	720

*Values for Strength Class A2 - 70.

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

● Physical property

	Perfect S.S.	SUS304
Specific Gravity	7.8	7.93
Longitudinal Elastic Modulus (GPa)	205	193
Transverse Elastic Modulus (GPa)	79.4	68.5
Linear Expansion Coefficient (K ⁻¹)	11.5×10 ⁻⁶	17.3×10 ⁻⁶

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● Chemical component

C	Ni	Cr	Mo	N
0.10 - 0.20	1.00 - 2.40	12.50 - 14.00	1.80 - 2.30	0.05 - 0.15

Unit :%

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● Perfect stainless steel has high strength similar to SUS410 and also has corrosion resistibility that matches or exceeds SUS630.

● Magnetic screws. These screws can be detected magnetically even if the screw falls out from food industry machines and gets mixed in food products in factories.

● Application

Food industry machines and general industrial machines

● Material/Finish

Environmental Adaptability

	SPFS
Body	NSSC-550 (Hardness 350 - 450HV)

● The color may differ by lot.

● Part number specification

SPFS - M8 - 30

Product Code M L

Select "L", and then order in number of packs.

The minimum order quantity is 1 piece. ➔ P.xxxx

Part Number	M	L	D1	L1	B	L2*1	Mass (g)
SPFS-M3	M3	5 6 8 10 12 16 20	5.5	3	2.5	Full Thread	0.67 - 1.4
SPFS-M4	M4	6 8 10 12 16 20 25	7	4	3	Full Thread	1.5 - 3.2
SPFS-M5	M5	8 10 12 16 20 25 30	8.5	5	4	Full Thread	2.5 - 5.6
SPFS-M6	M6	10 12 15 20 25 30 35 40	10	6	5	26 (L≥35)	4.7 - 11
SPFS-M8	M8	12 15 20 25 30 35 40 45 50	13	8	6	30 (L≥45)	11 - 25
SPFS-M10	M10	15 20 25 30 35 40 45 50	16	10	8	33 (L≥45)	20 - 39

Unit : mm

*1 If the "L" value is other than the value in parentheses, the screw is full thread.

Part Number	Qty*1 per pack
SPFS-M3	20
SPFS-M4	20
SPFS-M5	20
SPFS-M6	20
SPFS-M8	10
SPFS-M10	5

*1 The minimum order quantity is 1 piece. ➔ 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	Available / Add'l charge	Available / Add'l charge	Available / Add'l charge