# SSH-EL-ALK/SSHS-ALK Socket Head Cap Screws with Ultra Low Profile and Nylon Patch

# SSH-EL-ALK



SUS Stainless steel Trotrusion Stainless steel



SSH-EL-ALK





- The friction of the nylon adhered to the thread suppresses the return rotation of the thread.
- Even if the tightening force is lost, the return rotation is suppressed, preventing the screws from falling off.
- The heat resistance temperature of nylon patch is 120℃.
- All head heights are 1.5mm or less.
- For space-saving of equipment/devices and applications with limited overhead space.

## Application

Reducing the size of equipment and devices / Return and fall prevention of screws

Main Body	SCM435 Electroless Nickel Plating	SUSXM7 (Equivalent to SUS304)									
Nylon Patch	Nylon 11	Nylon 11									
Strength Class	Thread Part: 10.9 Head <sup>*1</sup> : 5.8 (M2 - M8) 4.8 (M10)	A2-50									
*1: Do not exceed the max tightening torque. Though strength											

SSHS-ALK

ng is increased through heat treatment, the head strength is less than that of thread.

#### SSH-EL-ALK Made of Steel

Material/Finish

SSH-EL-ALK Made of Steel Unit : mm															Unit : mm						
Part Number 🜗	M (Coarse)	L 💶										D1	14	в	÷	s*1	10	Max. Tightening	Mass (g)	Qty	
	Nominal of Thread	Pitch												L1	Б	Ľ	2.1	LZ	Torque *2(N · m)	iviass (g)	per Pack
SSH-M2-EL-ALK	M2	0.4	4	5	6	8	10	12					4	1.1	1.3	1.2	0.8	1.6	0.24	0.14 - 0.32	10
SSH-M2.5-EL-ALK	M2.5	0.45	4	5	6	8	10	12					5	1.3	1.3	1.5	0.9	2	0.4	0.25 - 0.49	10
SSH-M3-EL-ALK	М3	0.5	4	5	6	8	10	12					6	1.3	1.5	2	1	2.5	0.7	0.39 - 0.72	10
SSH-M4-EL-ALK	M4	0.7			6	8	10	12	16	20			8	1.5	2	2.5	1.4	3.3	1.7	0.93 - 1.9	10
SSH-M5-EL-ALK	M5	0.8			6	8	10	12	16	20	25		9	1.5	3	3	1.6	4.2	4.2	1.1 - 3.5	10
SSH-M6-EL-ALK	M6	1			6	8	10	12	16	20	25	30	10	1.5	3	4	2	5	6.3	1.5 - 5.8	10
SSH-M8-EL-ALK	M8	1.25				8	10	12	16	20	25	30	13	1.5	4	5	2.5	6.7	14	3.3 - 10	10

🖠 Individual Sales 🍝 P.xxxx ≪ Cleanroom Wash & Packaging 👄 P.xxxx 🕍 Screw Length Adjustment 🔶 P.xxxx 💶 Vibiration Resistant 🔶 P.xxxx 🚰 Modification process for captive use 👄 P.xxx

\*1: Dimension s of SSH-M6-6-EL-ALK and SSH-M8-8-EL-ALK is 0.

\*2: Values in chart are for reference only. They are not guaranteed values.

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

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### SSHS-ALK Made of Stainless Steel

Unit															Unit : mn						
Part Number 🜗	M (Coarse)		L 💶											11	в	+	s*1	10	Max. Tightening Torque*2 (N•m)	Mass (g)	Qty
	Nominal of Thread	Pitch													D	L	2.1	62	Torque <sup>∗2</sup> (N ⋅ m)	Mass (g)	per Pack
SSHS-M2-ALK	M2	0.4	4	5	6	8	10	12					4	1.1	1.3	1.2	0.8	1.6	0.12	0.33 - 0.	51 10
SSHS-M2.5-ALK	M2.5	0.45	4	5	6	8	10	12					5	1.3	1.3	1.5	0.9	2	0.24	0.26 - 0.	5 10
SSHS-M3-ALK	M3	0.5	4	5	6	8	10	12					6	1.3	1.5	2	1	2.5	0.43	0.39 - 0.	72 10
SSHS-M4-ALK	M4	0.7		5	6	8	10	12	16				8	1.5	2	2.5	1.4	3.3	1	0.94 - 2	10
SSHS-M5-ALK	M5	0.8			6	8	10	12	16	20	25		9	1.5	3	3	1.6	4.2	2.1	1.1 - 3.	5 10
SSHS-M6-ALK	M6	1			6	8	10	12	16	20	25	30	10	1.5	3	4	2	5	3.5	1.4 - 5.	7 10
SSHS-M8-ALK	M8	1.25				8	10	12	16	20	25	30	13	1.5	4	5	2.5	6.7	8.6	3.3 - 10	10

\*1: Dimension s of SSHS-M6-6-ALK and SSHS-M8-8-ALK is 0.

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#### • Part number specification



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Not Available