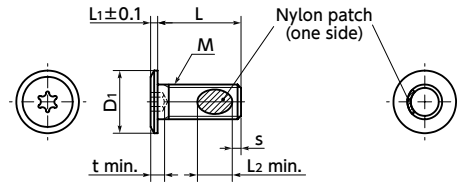


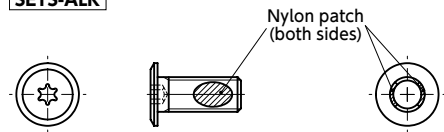
# SET-NI-ALK / SETS-ALK Hexalobular Socket Head Cap Screws with Extreme Low Profile (Nylon Patch) NEW

[WEB Selection Tool](#)
[WEB CAD Download](#)
[SUS Stainless steel](#)
[Protrusion](#)

## SET-NI-ALK



## SETS-ALK



### Application

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

### Material/Finish



	SET-NI-ALK	SETS-ALK
Main Body	SWCH Nickel Plating	SUSXM7 (Equivalent to SUS304)
Nylon Patch	Nylon 11	Nylon 11



- 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.
- Hexalobular socket\*1 head cap screws with ultra-thin head.
- For space-saving of equipment/devices and applications with limited overhead space.
- Hexalobular socket shapes\*1 are designed to withstand high tightening torque. → P.xxxx
- Install and remove with **SKX** Dedicated Wrench or **SKXB** Dedicated Bit and **SRD** Dedicated Magnetic Screwdriver together.
- Use the **SKX-N** hexalobular wrench for extremely limited access spaces for mounting and removing in tight spaces.

\*1: The hexalobular shape is prescribed by JIS B 1015: 2008(ISO 10664: 2005) "Hexalobular internal driving feature for bolts and screws".

## SET-NI-ALK Made of Steel

Unit : mm

Part Number <span style="color: red;">1</span>	M (Coarse)		L <span style="color: red;">2</span>						D1	L1	Hexalobular Socket No.	t	s	L2	Max. Tightening Torque (N·m)	Mass (g)
	Nominal of Thread	Pitch	4	5	6	8	10	12								
<b>SET-M3-NI-ALK</b>	M3	0.5	6	8	10			7	0.8	6	0.75	1	2.5	0.7	0.43 - 0.6	
<b>SET-M4-NI-ALK</b>	M4	0.7	6	8	10	12	16	8	0.9	8	0.9	1.4	3.3	2	0.7 - 1.6	
<b>SET-M5-NI-ALK</b>	M5	0.8		8	10	12	16	9	1	10	1	1.6	4.2	4	1.2 - 2.2	

Part Number	Qty*1 per Pack
<b>SET-M3-NI-ALK</b>	20
<b>SET-M4-NI-ALK</b>	20
<b>SET-M5-NI-ALK</b>	20

\*1: Also sold separately from 1 piece up. → P.xxxx

## SETS-ALK Made of Stainless Steel

Unit : mm

Part Number <span style="color: red;">1</span>	M (Coarse)		L <span style="color: red;">2</span>												D1	L1	Hexalobular Socket No.	t	s	L2	Max. Tightening Torque (N·m)	Mass (g)	
	Nominal of Thread	Pitch	4	5	6	8	10	12	16	20	25	30	35	40									
<b>SETS-M2-ALK</b>	M2	0.4	4	5	6	8	10	12							4 <sub>-0.4</sub>	0.5	4	0.4	0.8	1.6	0.12	0.23 - 0.41	
<b>SETS-M2.6-ALK</b>	M2.6	0.45	4	5	6	8	10	12							6 <sub>-0.5</sub>	0.6	5	0.5	0.9	2.1	0.24	0.22 - 0.46	
<b>SETS-M3-ALK</b>	M3	0.5			6	8	10	12	16						7 <sub>-0.5</sub>	0.8	6	0.75	1	2.5	0.43	0.45 - 0.9	
<b>SETS-M4-ALK</b>	M4	0.7			6	8	10	12	16	20	25				8 <sub>-0.5</sub>	0.9	8	0.9	1.4	3.3	1	0.72 - 2.4	
<b>SETS-M5-ALK</b>	M5	0.8				8	10	12	16	20	25	30			9 <sub>-0.5</sub>	1	10	1	1.6	4.2	2	1.3 - 4.4	
<b>SETS-M6-ALK</b>	M6	1					8	10	12	16	20	25	30	35	40	12 <sub>-0.6</sub>	1.2	20	1.2	2	5	3.5	2 - 8.7

Part Number	Qty*1 per Pack
<b>SETS-M2-ALK</b>	20
<b>SETS-M2.6-ALK</b>	20
<b>SETS-M3-ALK</b>	20
<b>SETS-M4-ALK</b>	20
<b>SETS-M5-ALK</b>	20
<b>SETS-M6-ALK</b>	20

\*1: Also sold separately from 1 piece up. → P.xxxx

### Related Products

**SKX** Hexalobular Wrench  
→ P.xxxx



**SKX-N** Hexalobular Wrench for Extremely Limited Access Spaces  
→ P.xxxx



**SKXB** Hexalobular Short Bit  
→ P.xxxx



**SRD** Magnet Screwdriver  
→ P.xxxx



### Part number specification

**SET-M3-8-NI-ALK**  
1 2 1

Order in number of packs.  
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