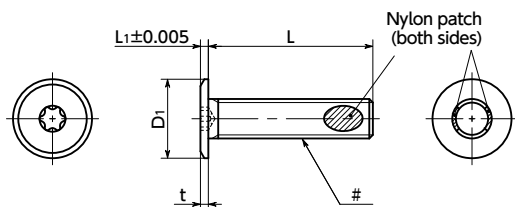


SETS-ALK(INCH)

Inch Super Ultra Low Profile Hexalobular Socket Head Cap Screws with Nylon Patch



Vibration resistant treatment



Material/Finish



| | SETS-ALK(INCH) |
|-------------|-------------------------------|
| Main Body | SUSXM7 (Equivalent to SUS304) |
| Nylon Patch | Nylon 11 |

Application

Reducing the size of equipment and devices
Prevention of damage to screw heads
Reliable tightening
Equipment and devices using inch screw specifications
Screw return and fallout prevented



- Inch type extra low profile cap screws with hexalobular socket*1.
- With nylon patch.
- For space-saving of equipment/devices and applications with limited overhead space.
- Hexalobular socket shapes are designed to withstand high tightening torque compared to cross-recesses.
- Recesses are unlikely to be damaged due to tightening, allowing safe and secure tightening to be performed.
- 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 resistant temperature of the nylon patch is 120°C.

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

Unit: inch

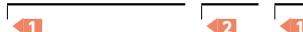
| Part Number | # Nominal of Thread | L | D1 | L1 | t | Hexalobular Socket No. | Max. Tightening Torque*1 (N·m) | Mass (g) | Qty per Pack |
|-----------------|---------------------|-------------------------|-------|-------|-------|------------------------|--------------------------------|------------|--------------|
| SETS-#4-40-ALK | No.4-40UNC | 1 / 4 5 / 16 3 / 8 | 0.236 | 0.024 | 0.019 | 5 | 0.5 | 0.3 - 0.42 | 10 |
| SETS-#6-32-ALK | No.6-32UNC | 1 / 4 3 / 8 1 / 2 3 / 4 | 0.295 | 0.034 | 0.029 | 6 | 0.95 | 0.48 - 1.2 | 10 |
| SETS-#8-32-ALK | No.8-32UNC | 1 / 4 3 / 8 1 / 2 3 / 4 | 0.315 | 0.036 | 0.035 | 8 | 2.3 | 0.78 - 1.9 | 10 |
| SETS-#10-24-ALK | No.10-24UNC | 1 / 2 5 / 8 3 / 4 | 0.335 | 0.038 | 0.035 | 8 | 2.4 | 1.6 - 2.3 | 10 |
| SETS-#10-32-ALK | No.10-32UNF | 1 / 2 5 / 8 3 / 4 | 0.335 | 0.038 | 0.035 | 8 | 2.4 | 1.7 - 2.4 | 10 |

*1: 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.

Part Number Specification

SETS-#6-32-1/4-ALK



| | | | | |
|--------------------------|----------------------------|-------------------------|---------------------|--------------------------------------|
| Individual Sales | Cleanroom Wash & Packaging | Screw Length Adjustment | Vibration Resistant | Modification process for captive use |
| Available / Add'l charge | Available / Add'l charge | Not Available | Not Available | Not Available |