

LOCKONE®

A Superior Locking Force



Vibration Tested In Accordance With NAS3350.

LockOne can be easily substituted into existing designs.

KATO®
KATO FASTENING SYSTEMS, INC.



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KATO LockOne

KATO's **NEW LockOne** is a revolutionary lightweight, positive locking fastener designed to prevent a standard nut from loosening free under vibration. Unlike nuts with nylon or locking compounds, LockOne won't come loose under vibration, are easy to install and require no special tools.

Save on assembly costs! No expensive replacement nuts needed! LockOne can be used in a wide range of industries such as: electronics, aerospace, telecommunications, automotive, energy, and transportation.

LockOne Features

- ✓ Fast and easy to install.
- ✓ No special tools required.
- ✓ FOD Free. No locking compounds needed.
- ✓ Corrosion resistant stainless steel.
- ✓ Vibration-Proof, positive locking force.
- ✓ Designed for harsh environments.
- ✓ Ideal for weight sensitive applications.

Installation is Easy!



Simply load LockOne into the 12-Point socket.



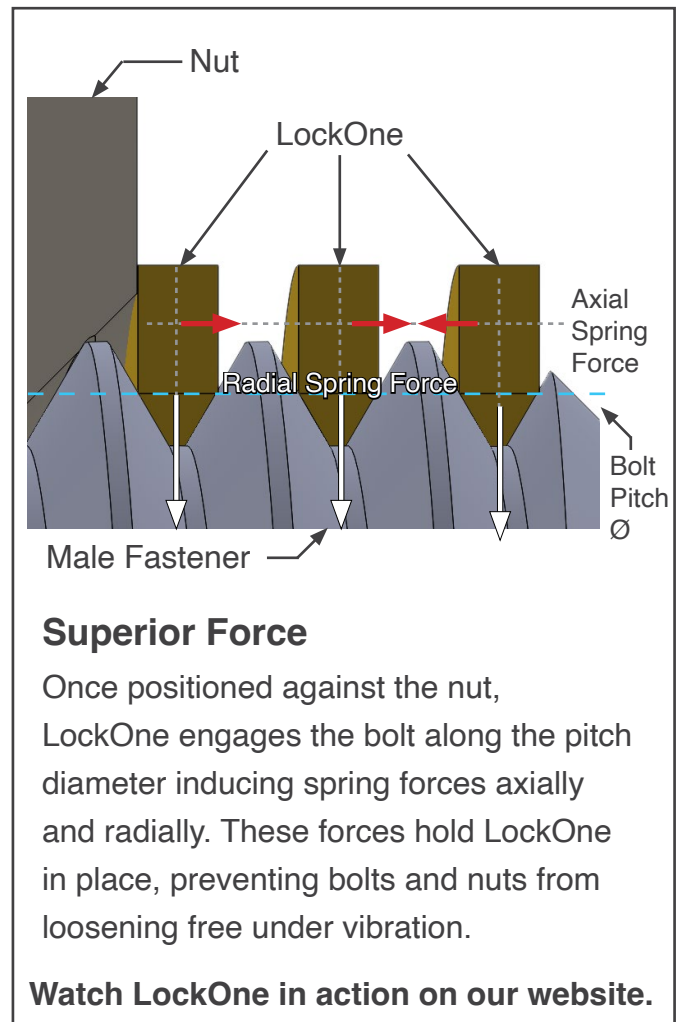
Load the standard nut on top of LockOne.



Tighten to application requirements.



If there is a gap between LockOne and the nut, simply hand tighten the LockOne until it is flush with the nut.



KATO LockOne
prevents nuts from
loosening free off
the bolt!

Order a LockOne Pack or Assortment Kit Today



LockOne Pack
(see table on page 4)



KLOC-KIT



KLOF-KIT



KLOM-KIT

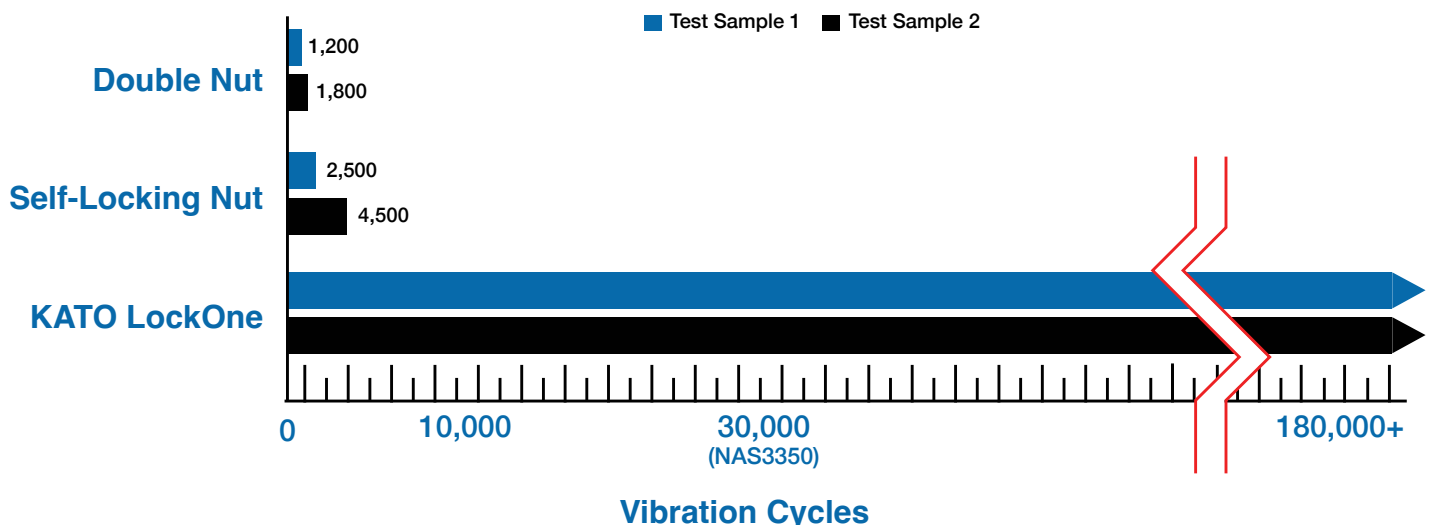
Thread Size	Qty (PC)	12PT-Socket (Ref.)
KLOC-KIT (UNC)		
1/4-20	10	7/16
5/16-18	10	1/2
3/8-16	10	9/16
7/16-14	10	11/16
1/2-13	10	3/4
5/8-11	10	15/16
3/4-10	6	1-1/8
7/8-9	4	1-5/16
1-8	2	1-1/2

Thread Size	Qty (PC)	12PT-Socket (Ref.)
KLOF-KIT (UNF)		
10-32	10	7/16
1/4-28	10	1/2
5/16-24	10	9/16
3/8-24	10	11/16
7/16-20	10	3/4
1/2-20	10	15/16
5/8-18	6	1-1/8
3/4-16	6	1-5/16
1-12	2	1-1/2

Thread Size	Qty (PC)	12PT-Socket (Ref.)
KLOM-KIT (Metric)		
M4X.7	10	7 mm
M5X.8	10	8 mm
M6X1	10	10 mm
M8X1.25	10	13 mm
M10X1.5	10	17 mm
M12X1.75	10	19 mm
M16X2	6	24 mm
M20X2.5	4	30 mm
M22X2.5	4	32 mm
M24X3	2	36 mm

LockOne is so easy to use it can also be threaded on manually to existing applications.
LockOne only requires three threads beyond the nut to work.

LockOne Performance



LockOne surpasses the testing requirements of NAS3350
(National Aerospace Specification for impact type vibration test).

Part Numbers & Specifications

KLO C - 8

Product Code:

- **KLO** - KATO LockOne

Thread Designation:

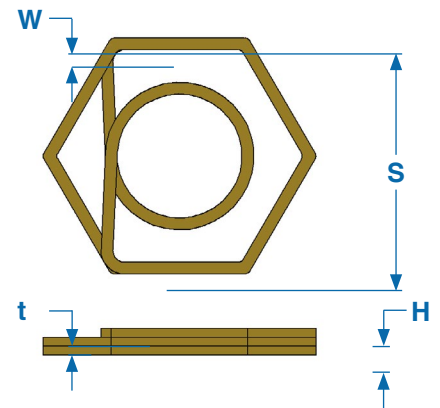
- **C** - Coarse
- **F** - Fine
- **M** - Metric

Products:

- **Blank** - For Bulk
- **P** - LockOne Pack

Size Designation:

- **Chart Below**



Thread Size	Bulk Part No.	LockOne Pack		
		Part No.	Qty.	12PT-Socket
Unified Coarse				
1/4-20	KLOC-4	KLOC-4P	10	7/16
5/16-18	KLOC-5	KLOC-5P	10	1/2
3/8-16	KLOC-6	KLOC-6P	10	9/16
7/16-14	KLOC-7	KLOC-7P	10	11/16
1/2-13	KLOC-8	KLOC-8P	10	3/4
5/8-11	KLOC-10	KLOC-10P	6	15/16
3/4-10	KLOC-12	KLOC-12P	2	1-1/8
7/8-9	KLOC-14	KLOC-14P	2	1-5/16
1-8	KLOC-16	KLOC-16P	2	1-1/2
Unified Fine				
10-32	KLOF-3	KLOF-3P	10	3/8
1/4-28	KLOF-4	KLOF-4P	10	7/16
5/16-24	KLOF-5	KLOF-5P	10	1/2
3/8-24	KLOF-6	KLOF-6P	10	9/16
7/16-20	KLOF-7	KLOF-7P	10	11/16
1/2-20	KLOF-8	KLOF-8P	10	3/4
9/16-18 ¹	KLOF-9	KLOF-9P	6	7/8
5/8-18	KLOF-10	KLOF-10P	6	15/16
3/4-16	KLOF-12	KLOF-12P	2	1-1/8
7/8-14 ¹	KLOF-14	KLOF-14P	2	1-5/16
1-12	KLOF-16	KLOF-16P	2	1-1/2
Metric Sizes				
M4X.7	KLOM-4	KLOM-4P	10	7mm
M5X.8	KLOM-5	KLOM-5P	10	8mm
M6X1	KLOM-6	KLOM-6P	10	10mm
M8X1.25	KLOM-8	KLOM-8P	10	13mm
M10X1.5	KLOM-10	KLOM-10P	10	17mm
M12X1.75	KLOM-12	KLOM-12P	10	19mm
M16X2	KLOM-16	KLOM-16P	6	24mm
M20X2.5	KLOM-20	KLOM-20P	2	30mm
M22X2.5	KLOM-22	KLOM-22P	2	32mm
M24X3	KLOM-24	KLOM-24P	2	36mm

Thread Size	KATO Part No.	Technical Data				Weight
		S	H	W	t	
Unified Coarse						
1/4-20	KLOC-4	0.43	0.11	0.03	0.03	0.80 g
5/16-18	KLOC-5	0.50	0.11	0.03	0.03	0.80 g
3/8-16	KLOC-6	0.55	0.13	0.04	0.03	1.30 g
7/16-14	KLOC-7	0.65	0.14	0.05	0.03	2.31 g
1/2-13	KLOC-8	0.75	0.16	0.05	0.04	3.00 g
5/8-11	KLOC-10	0.93	0.18	0.06	0.04	4.80 g
3/4-10	KLOC-12	1.12	0.22	0.07	0.05	9.40 g
7/8-9	KLOC-14	1.30	0.22	0.07	0.05	10.10 g
1-8	KLOC-16	1.49	0.28	0.08	0.06	16.25 g
Unified Fine						
10-32	KLOF-3	0.37	0.17	0.04	0.03	---
1/4-28	KLOF-4	0.44	0.17	0.04	0.03	---
5/16-24	KLOF-5	0.50	0.19	0.04	0.03	0.45 g
3/8-24	KLOF-6	0.56	0.19	0.04	0.03	1.13 g
7/16-20	KLOF-7	0.69	0.23	0.05	0.04	---
1/2-20	KLOF-8	0.75	0.23	0.05	0.04	2.02 g
9/16-18 ¹	KLOF-9	0.87	0.26	0.06	0.04	---
5/8-18	KLOF-10	0.94	0.26	0.06	0.04	---
3/4-16	KLOF-12	1.12	0.32	0.07	0.05	---
7/8-14 ¹	KLOF-14	1.31	0.33	0.07	0.05	---
1-12	KLOF-16	1.50	0.38	0.08	0.06	9.11 g
Metric Sizes						
M4X.7	KLOM-4	7	1.4	.50	.35	0.24 g
M5X.8	KLOM-5	8	1.6	.60	.40	0.24 g
M6X1	KLOM-6	10	2.0	.70	.50	0.45 g
M8X1.25	KLOM-8	13	2.5	.88	.63	0.95 g
M10X1.5	KLOM-10	17	3.0	1.05	.75	1.79 g
M12X1.75	KLOM-12	19	3.5	1.23	.88	2.83 g
M16X2	KLOM-16	24	4.0	1.40	1.00	4.78 g
M20X2.5	KLOM-20	30	5.0	1.75	1.25	9.39 g
M22X2.5	KLOM-22	32	5.0	1.75	1.25	10.12 g
M24X3	KLOM-24	36	6.0	2.10	1.50	16.21 g

1. Contact KATO