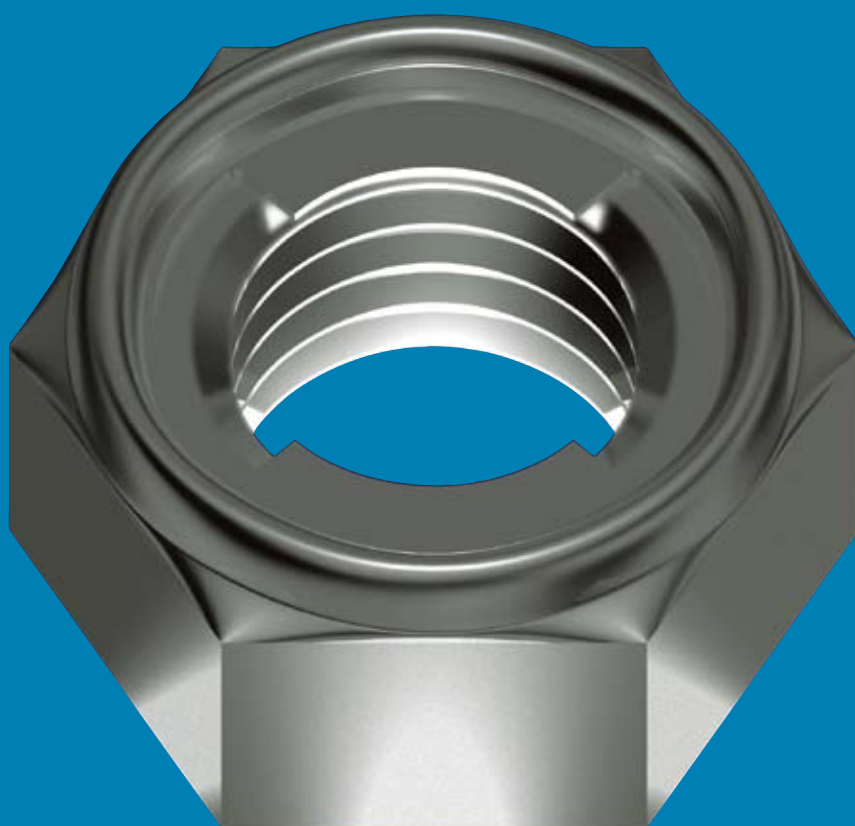


業・界・標・準・

Prevailing Torque Type
FUJILOK U-NUT



プリベリントルクタイプ
ロックナット

FUJILOK U-NUT

安全と
安心は



Fuji Seimitsu Co., Ltd.

FUJILOK U-NUT

Prevailing Torque Type

- ✓ **Reusability**
- ✓ **Fastening Function**
- ✓ **Non-Loosening**
- ✓ **Temperature-Resistant**
- ✓ **Simple Tightening**
- ✓ **Simplex Parts**



FUJILOK U-NUT was a groundbreaking Locknut introduced by Fuji Seimitsu as the first in the industry to feature a metal ring locking function.

FUJILOK U-NUT sparked a revolution in the area of bolts and nuts where up until that point loosening had been considered unavoidable.

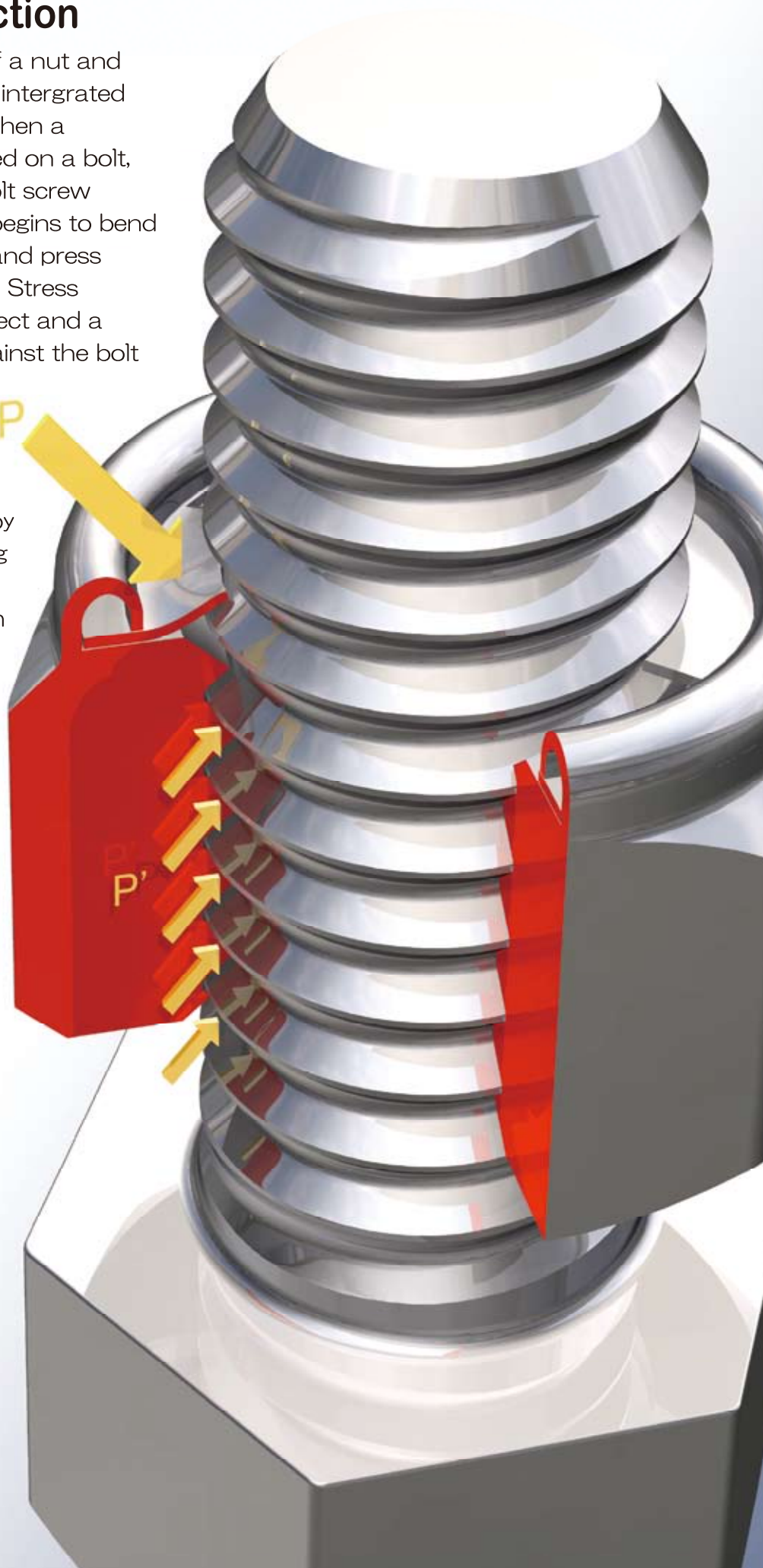
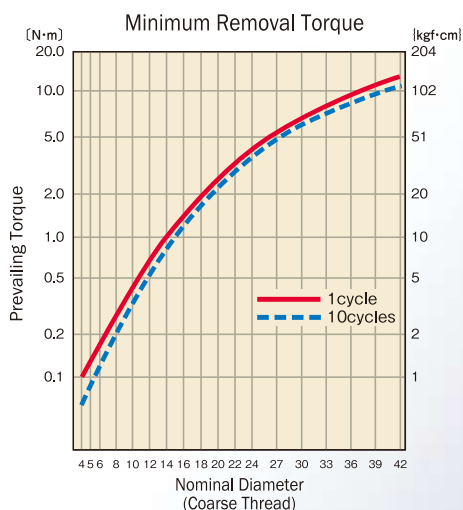
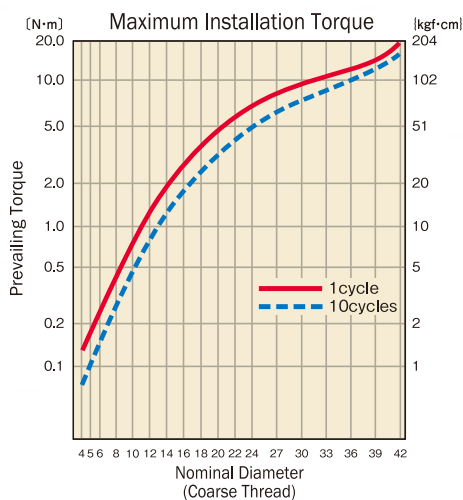
From steel structures such as railways and connecting bridges to automobiles motorcycles, and on up to industrial machines; **FUJILOK U-NUT** is now the highly regarded as the first name in Locknuts across all industries.

Structure and Function

FUJILOK U-NUT consists of a nut and friction ring. The friction ring is intergrated with the top face of the nut. When a **FUJILOK U-NUT** is tightened on a bolt, the friction ring touches the bolt screw threads. The friction ring then begins to bend along with the screw threads and press against the bolt screw threads. Stress produced through a spring effect and a reaction force that presses against the bolt thread are produced.

Prevailing Torque

Prevailing torque is produced by **FUJILOK U-NUT** friction ring strongly placing stress against the bolt screw threads through a spring effect.



Vertical Axis Vibration Test

The Junker type thread loosening testing machine

is used to apply vibration and amplitude to a bolt and nut. The vibration and amplitude are applied in the direction vertical to the bolt axis thereby, determining the locking capacity according to the reduced axial tension of the fastener.

● Specification of Junker type thread loosening testing machine.

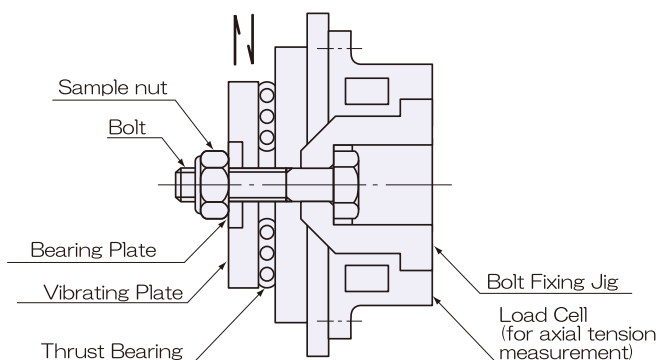
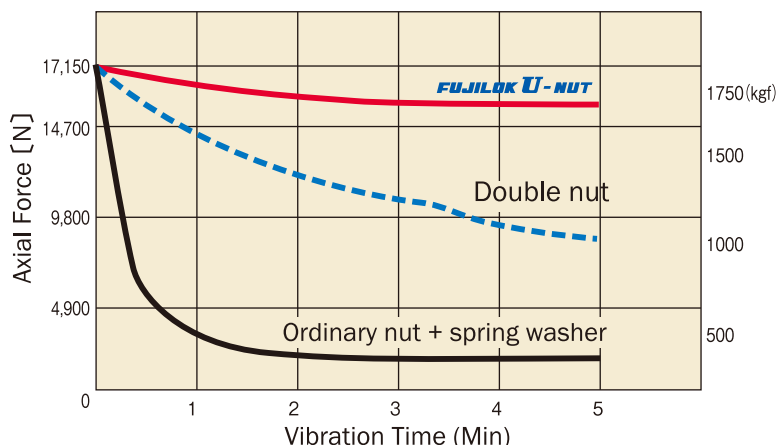
Frequency of vibration plate	200c.p.m.
Displacement of vibration	±0.5mm
Vibration time	5 min.

● Test conditions

Sample size	M12×1.75
Material of nut and bolt	SS400 or equivalent
Axial tension for fastening	17150N {1750 kgf}

Yield point of bolt σ_y : 314/N/mm²

● Test result



Rectangular Axis Vibration And Impact Test

NAS conforming high speed thread looseness testing machine.

(U.S. aircraft standard NAS 3350).

This test machine is used to apply repeated impact shocks to the bolt and nut fastening the vibrating barrel. The shocks are applied in the direction vertical to the bolt axis so as to check for the presence of looseness and determine the locking performance.

● Specification of NAS type high speed thread looseness testing machine

Frequency	1780c.p.m.
Excitation stroke	11mm
Impact stroke	19mm
Vibrating acceleration of excitation table	19.5G

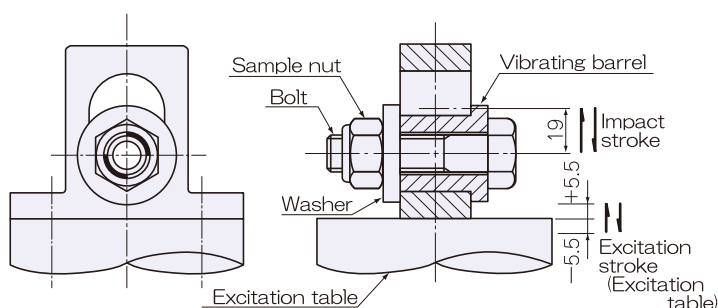
● Test conditions

Sample size	M12x1.75
Material of nut and bolt	SS400 or equivalent
Axial tension for fastening	17150N {1750kgf}

Yield point of bolt σ_y : 314/mm² {32kgf/mm²}

● Test result

Sample nut	Frequency	Vibration time
FUJILOK U-NUT	30000 cycles	16' 51"
	Acceptable	
Double nut	4450 cycles	2' 30"
	Came off	
Ordinary nut + Spring washer	1335 cycles	45"
	Came off	



Advantage of **FUJILOK U-NUT** Adoption

· Reusability

Repeated use is possible for excellent cost performance.

· Fastening Function

It provides stable locking in all situations.

· Non-Loosening

FUJILOK U-NUT also provides fastening power at a middle position on a bolt, and, even if the tightening force is lowered, nuts will be prevented from quickly coming off.

· Temperature-Resistant

FUJILOK U-NUT is an all-metal product with excellent resistance in high and low temperatures.

· Simple Tightening

Tightening can also easily be performed with one wrench to prevent installation mistakes.

· Simplex Parts

As locking effect by simplex, allows easy parts management and prevents mounting error.



Support System to Customers

- Depending on requests, various certificates such as materials certificates and test reports are available.
- Also, various environment-related certificates are available.
- Customers' technical questions can be answered based on utilizing many testing units.
- CAD data is downloadable from our web-site.
- Presentation of products can be carried out upon request.
- **FUJILOK U-NUT** doesn't have part number. When placing an order, specify size, shape, material and surface treatment. Consult us if your application requires sizes or materials not listed.
- Responding to customer's inquiry and request quickly, we will continue to improve the quality.
- Feel free to consult us anything about screw fastening.



Certificate Example (English Wording Available)

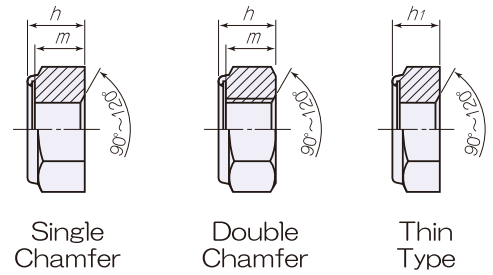
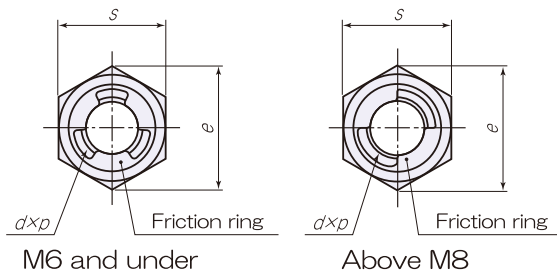
Supply safety and relief through our products.
This is our management philosophy.

Typical Application Examples





FUJILOK U-NUT Dimension Table



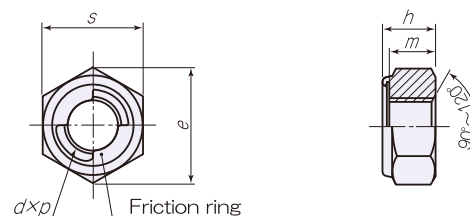
● : Available ■ : Available on request

Thread accuracy: ISO6H Unit: mm

Material of Nut Body								SS400		S45C-H	SUS304	Request Order	Unit Weight [g] Approx. (Except Thin type)	
Material of Friction Ring								SUS301						
Nominal Diameter (<i>d</i>)	Pitch (<i>p</i>)	Width Across Flat (<i>s</i>)		Overall Height (<i>h</i>)		Thread Height (<i>m</i>) Approx.	Across Corners (<i>e</i>) Approx.	Double Chamfer	Single Chamfer	Double Chamfer	Single Chamfer	Thin type (<i>h_t</i>)		
		Base	Tolerance	Base	Tolerance									
M 3	0.5	5.5		3.2		2.7	6.4	■					0.4	
M 4	0.7	7	0	3.8	±0.3	3	8.1	●			●	3.1	0.8	
M 5	0.8	8	-0.2	4.6		3.9	9.2	●		●	●	4	1.2	
M 6	1	10		5.1		4.2	11.5	●		●	●		2.1	
M 8	1.25	13	0	7.3	±0.4	6.1	15	●		●	●	5	5.1	
	1					■		■	■					
M10	1.5	17	-0.25	8.3		7.1	19.6	●		●	●	6.5	10	
	1.25					●		●	■					
	1.75							●		●	●			
	M12	1.5	19	10.5		9	21.9	■		■	■	8.5	15.2	
	1.25	●						■	■					
M14	2	22	0	12.5	±0.5	11	25.4		●	●	●	9.5	24	
	1.5						●	■	■					
M16	2	24	-0.35	14.5		13	27.7		●	●	●	12	31.5	
	1.5						●	■	■					
M18	2.5	27		16		14	31.2		●	●	●	12	45.2	
	1.5						■	■	■					
M20	2.5	30		17.5	15.4	34.6		●	●	●	14	61.4		
	1.5					■	■	■						
M22	2.5	32		19.5	17.2	37		●	●	●		74.3		
	1.5							■	■	■				
M24	3	36	0	21.5	±0.6	18.8	41.6		●	●	●	16	108	
	2						■	■	■					
M27	3	41	-0.4	24	±0.8	21.2	47.3		●	●	●		159	
M30	3.5	46		27		24	53.1		●	●	●		226	
	3								■	■	■			
M33	3.5	50		29.5		26.5	57.7		●	●	■		287	
	3						■	■						
M36	4	55		32.5	±1	29.5	63.5		●	●	■		393	
	3						■	■	■					
M39	4	60		35		31.8	69.3		●	●	■		509	
	3						■	■						
M42	4.5	65	0	38	±1.5	34.5	75		●	●	■		651	
	3						■	■						
M45	4.5	70	-0.45	40		36	80.8		●	●	■		794	
	3						■	■						
M48	5	75		42		38	86.5		●	●	■		972	
	3					■	■							
M52	5	80		46	42	92.4		■	■			1190		
	3							■	■					
M55	3	85		49	±2	44.5	98.1		■	■			1360	
M56	5.5					4	45	104		■	■			1410
	4									■	■			
M60	5.5	90	0	52		47.5	104		■	■		1660		
	4							■	■					
M64	6	95		54	50	110		■	■			1910		
	4							■	■					

※ Materials include equivalent of each materials.
※ Dimensions may change for improvement.

Small Type Dimension Table



● : Available ■ : Available on request

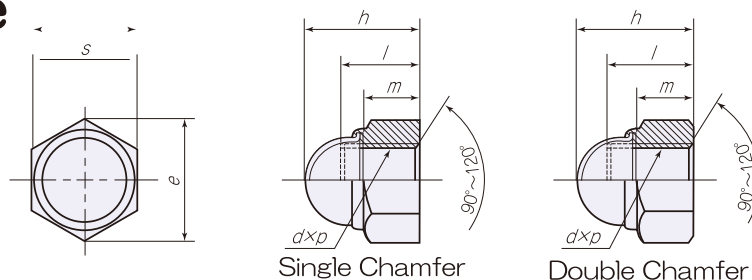
Thread accuracy: ISO6H Unit: mm

Material of Nut Body								SS400	S45C-H	SUS304	Unit Weight [g] Approx.
Material of Friction Ring								SUS301			
Nominal Diameter (<i>d'</i>)	Pitch (<i>p</i>)	Width Across Flat (<i>s</i>)		Overall Height (<i>h</i>)		Thread Height (<i>m</i>) Approx.	Across Corners (<i>e</i>) Approx.	Double Chamfer	Double Chamfer	Double Chamfer	
		Base	Tolerance	Base	Tolerance						
M 8	1.25	12	0 -0.25	7.3	±0.4	6.2	13.9	●	●	■	4
M10	1.25	14		8.5		7.3	16.2	●	●	■	5.9
	1.5			■		■	■				
M12	1.25	17	10.5	9.4	19.6	●	●	■	10.6		
	1.75		■	■	■						
M14	1.5	19	12.5	11	21.9	●	■	■	15.4		
	2		■	■	■						
M16	1.5	22	14.5	13	25.4	●	■	■	23.5		
	2		■	■	■						
M18	1.5	24	16	14.5	27.7	●	■	■	30.1		
M20	1.5	27	17.5	16	31.2	■	■	■	41.5		

※ Materials include equivalent of each materials.

※ Dimensions may change for improvement.

Cap Type Dimension Table



● : Available ■ : Available on request

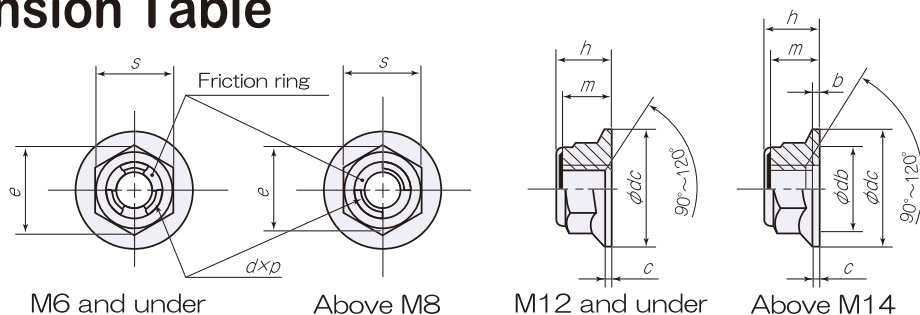
Thread accuracy: ISO6H Unit: mm

Material of Nut Body										SS400		SUS304	Unit Weight [g] Approx.
Material of Cap Part										SPCC		SUS304	
Material of Friction Ring										SUS301		SUS301	
Nominal Diameter (<i>d</i>)	Pitch (<i>p</i>)	Width Across Flat (<i>s</i>)		Overall Height (<i>h</i>)		Thread Height (<i>m</i>) Approx.	Across Corners (<i>e</i>) Approx.	(<i>l</i>)		Single Chamfer	Double Chamfer	Single Chamfer	
		Base	Tolerance	Base	Tolerance			MAX	MIN				
M 5	0.8	8	0	9	±0.6	3.9	9.2	7.4	5.5				1.4
M 6	1	10	-0.2	10.5		4.2	11.5	7.9	6.2				2.5
M 8	1.25	12	0 -0.25	13.6	±0.8	6.2	13.9	10.8	8.6				4.6
		13		6.1		15						5.7	
		14				16.2						6.8	
M10	1.5	17		15.5		7.1	19.6	12.8	10.1				11.6
	1.25												
M12	1.75	19		19	±1	9	21.9	15.8	12.5				16.6
	1.5												
	1.25												
M14	2	22	0 -0.35	24.5		11	25.4	19.8	15				25.9
	1.5												
M16	2	24		26.5	±2	13	27.7	20.8	17				36.2
	1.5												
M18	2.5	27		28.5		14	31.2	22.8	19				47.1
	1.5												
M20	2.5	30		31		15.4	34.6	24.8	20.4				66
	1.5												

※ Materials include equivalent of each materials.

※ Dimensions may change for improvement.

Flange Type Dimension Table



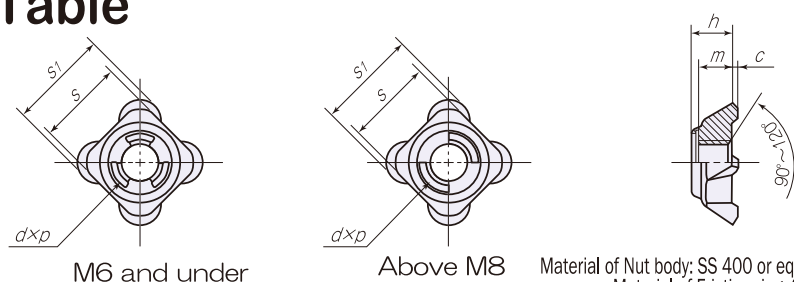
● : Available ■ : Available on request

Thread accuracy: ISO6H Unit: mm

Material of Nut Body														SS400	S45C-H	Unit Weight [g] Approx.
Material of Friction Ring														SUS301		
Nominal Diameter (<i>d</i>)	Pitch (<i>p</i>)	Width Across Flat (<i>s</i>)		Flange Diameter (<i>φdc</i>)		Overall Height(<i>h</i>)		Thread Height (<i>m</i>) Approx.	Across Corners (<i>e</i>) Approx.	Depth of Counterbores (<i>b</i>) Approx.	Diameter of Counterbores (<i>φdb</i>)		Flange Thickness (<i>c</i>) MIN	Property Class		
		Base	Tolerance	Base	Tolerance	Base	Tolerance				Base	Tolerance		6T	8T	
M 5	0.8	8	0	11		6	±0.3	5.3	9.2				1			2
M 6	1	10	-0.2	13		6.9		6	11.5				1.2			3.5
M 8	1.25	12	0	17	0 -0.4	8.5		7.5	13.9	—	—	—	1.5			6.8
		14						16.2							8.3	
M10	1.25	14	-0.25	19		10	±0.4	8.8	19.6				1.7			9.2
		17						20								13.7
M12	1.25	17		24	0 -0.5	12.5		11.2	21.9	2	13		1.4			17.4
		19						11								20.5
M14	1.5	19	0	26		15		13.5	25.4		15		1.6			22.6
		22													29.8	
M16	1.5	22	-0.35	30	±0.5	16.5	±0.5	15	27.7	3	17	±0.3	3			35.7
		24				16		14.5								41.5
M18	1.5	24		32		18		16.5			20		3			41.7

※ Materials include equivalent of each materials.
※ Dimensions may change for improvement.

Weld Type Dimension Table



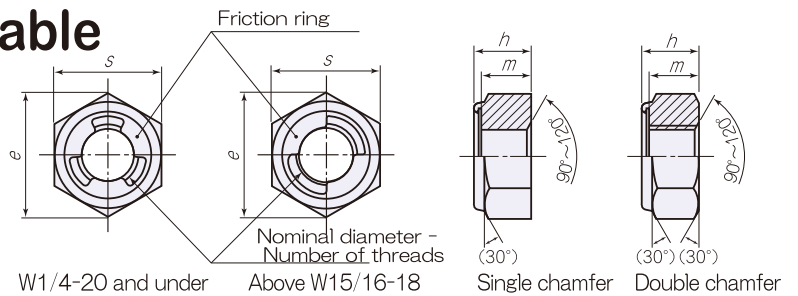
● : Available ■ : Available on request

Thread accuracy: ISO6H Unit: mm

Nominal Diameter (d)	Pitch (p)	Width Across Flat (s)		Outline (s1) Approx.	Overall Height(h)		Thread Height (m) Approx.	(c)		Square Weld	Unit Weight [g] Approx.
		Base	Tolerance		Base	Tolerance		Base	Tolerance		
M 5	0.8	9	0	9.7	3	±0.3	2.3			●	1.2
M 6	1	10	-0.36	11	4		3.1	1	0	●	1.9
M 8	1.25	14	0	15.4	5.2		4		-0.2	●	4.8
M10	1.25		-0.43	18.9	8	±0.4	6.8			●	11.5
M12	1.25	17		19.2	10.5		9.2	1.2		●	13.6

※ Materials include equivalent of each materials.
※ Dimensions may change for improvement.

Whit Thread Dimension Table



● : Available ■ : Available on request

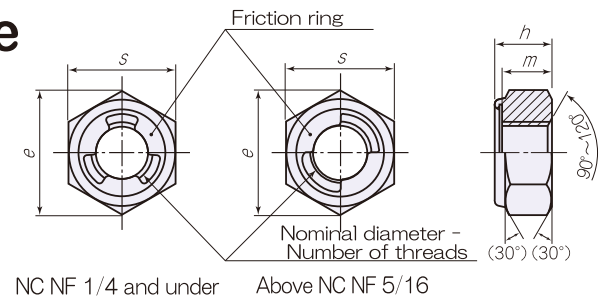
Thread accuracy: ISO6H Unit: mm

Material of Nut Body							SS400	S45C-H	SUS304	Unit Weight [g] Approx.	
Material of Friction Ring							SUS301				
Nominal Diameter - Number of Threads	Width Across Flat (<i>s</i>)		Across Corners (<i>e</i>) Approx.	Overall Height(<i>h</i>)		Thread Height (<i>m</i>) Approx.	Single Chamfer	Double Chamfer	Double Chamfer		Single Chamfer
	Base	Tolerance		Base	Tolerance						
W3／16－24	9	0	10.4	4.1	±0.3	3.3		■			1.4
W1／ 4－20	10	-0.2	11.5	5.1		4.2		■		■	2.1
W5／16－18	14	0	16.2	7.3	±0.4	5.9		■		■	6.3
W3／ 8－16	17	-0.25	19.6	8.3		6.9		■	■	■	10.6
W7／16－14	19	0	21.9	10		8.3		■			15.3
W1／ 2－12	21	-0.35	24.2	10.5		9		■	■	■	19.1
W5／ 8－11	26		30	14.8		13	■		■	■	40.8
W3／ 4－10	32	0	37	16 1)18.1	±0.5	14 1)16	■		■	■	72.6
W7／ 8－9	35	-0.4	40.4	18.5	±0.6	15.8	■		■	■	91
W1”－8	41		47.3	22.5		20	■		■	■	154.1

1) Only SS 400 or equivalent is available

※ Materials include equivalent of each materials.
※ Dimensions may change for improvement.

Unified Thread Dimension Table



● : Available ■ : Available on request

Thread accuracy: ISO6H Unit: mm

Material of Nut Body										SS400	S45C-H	SUS304	SS400	S45C-H	SUS304	Unit Weight [g] Approx.
Material of Friction Ring										SUS301						
Nominal Diameter - Number of Threads		Width Across Flat (s)			Across Corners (e)		Overall Height (h)		Thread Height (m) Approx.	NC			NF			
Coarse (NC)	Fine (NF)	Base	Max.	Min.	Max.	Min.	Base	Tolerance		Double Chamfer	Double Chamfer	Double Chamfer	Double Chamfer	Double Chamfer	Double Chamfer	
#10-24	#10-32	9.52	9.52	9.2	10.99	10.5	3.9	±0.3	3.2							1.5
1/4-20	1/4-28	11.11	11.11	10.88	12.82	12.4	6.6		5.6							3.4
5/16-18	5/16-24	12.7	12.7	12.43	14.65	14.15	7.8		6.8							5.2
3/8-16	3/8-24	14.28	14.28	14	16.51	15.96	9.5	±0.4	8.3							7.5
7/16-14	7/16-20	17.46	17.46	17.15	20.16	19.51	10.9		9.5							12.7
1/2-13	1/2-20	19.05	19.05	18.7	21.99	21.34	12.6		11.1							18.1
5/8-11	5/8-18	23.81	23.81	23.42	27.5	26.7	15.6	±0.6	13.9							35.9
3/4-10	3/4-16	28.57	28.57	27.64	32.99	31.5	18.1		16.3							56.1
7/8-9	7/8-14	33.33	33.33	32.24	38.5	36.76	21.6	±0.8	19.1							87.8
1"-8	1"-12	38.1	38.1	36.83	43.99	41.99	24.2		21.7							125.3

※ Materials include equivalent of each materials.
※ Dimensions may change for improvement.

FUJILOK U-NUT Tightening Torque Table for Reference

(Single Chamfer・Double Chamfer)

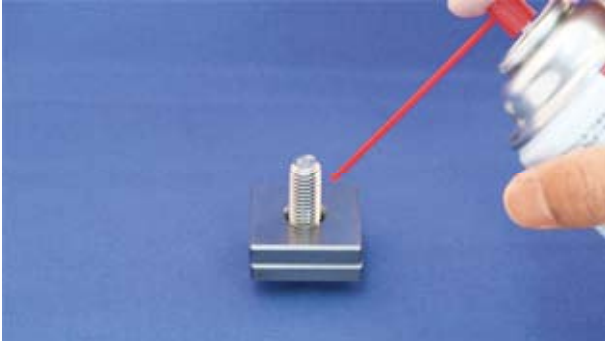
- The tilghtening torque shown in the table below are given as the value for reference based on the bolt strength.(use the value according to the surface treatment and strength of the bolt)
- For the nut of thin type, use 80% of the tightening torque of the table below.
- Combination of **FUJILOK U-NUT** material includes respective equivalent materials.
- [O][X] of the table below indicates the combination to which the reference tightening torque can be applied.
- Consult us if your application requires sizes or materials not listed.

Unit: N·m {kgf·cm}

Surface Treatment		Plain			Zinc Plated			Hot Dip Galv.	Plain		
Strength Grade		4.8	8.8	10.9	4.8	8.8	10.9	4.8			
Combination of FUJILOK U-NUT	SS400	○	×	×	○	×	×	○	Stainless steel proof stress 300N/mm ² , 30.6kgf/mm ²	50 proof stress 210N/mm ² , 21.4kgf/mm ²	70 proof stress 450N/mm ² , 45.9kgf/mm ²
	S45C-H	○	○	×	○	○	×	×			
	SCM435-H	○	○	○	○	○	○	×			
	SUS304	×	×	×	×	×	×	×			
M 3×0.5		0.8 {8}	— —	— —	0.9 {9.5}	— —	— —	— —	— —	— —	— —
M 4×0.7		1.8 {18}	— —	— —	2.2 {22}	— —	— —	— —	1.9 {19}	1.3 {14}	2.8 {29}
M 5×0.8		3.7 {38}	7.4 {75}	10 {100}	4.4 {45}	8.7 {89}	12 {120}	— —	3.8 {39}	2.7 {27}	5.8 {59}
M 6×1		6.3 {64}	13 {130}	18 {180}	7.4 {75}	15 {150}	21 {210}	— —	6.5 {66}	4.6 {46}	9.8 {100}
M 8×1.25		15 {150}	30 {310}	43 {440}	18 {180}	36 {370}	51 {520}	23 {230}	16 {160}	11 {113}	24 {240}
M 10×1.5		30 {310}	60 {610}	85 {870}	36 {370}	71 {720}	100 {1000}	45 {460}	31 {320}	22 {223}	47 {480}
M 12×1.75		53 {540}	105 {1050}	145 {1500}	62 {630}	125 {1250}	175 {1800}	79 {810}	55 {560}	38 {390}	82 {840}
M 14×2		84 {860}	165 {1700}	235 {2400}	99 {1000}	200 {2050}	280 {2850}	125 {1250}	87 {890}	61 {620}	— —
M 16×2		130 {1350}	260 {2650}	365 {3700}	155 {1600}	310 {3150}	435 {4450}	195 {2000}	135 {1400}	95 {970}	— —
M 18×2.5		180 {1850}	360 {3650}	510 {5200}	210 {2150}	425 {4350}	600 {6100}	270 {2750}	185 {1900}	130 {1350}	— —
M 20×2.5		255 {2600}	510 {5200}	720 {7350}	300 {3050}	600 {6100}	850 {8650}	385 {3950}	265 {2700}	185 {1900}	— —
M 22×2.5		345 {3500}	690 {7050}	970 {9900}	410 {4200}	820 {8350}	1150 {11700}	520 {5300}	360 {3650}	250 {2600}	— —
M 24×3		440 {4500}	880 {8950}	1240 {12600}	520 {5300}	1040 {10600}	1470 {15000}	660 {6750}	450 {4600}	320 {3300}	— —
M 27×3		640 {6550}	1290 {13200}	1810 {18500}	760 {7750}	1530 {15600}	2150 {21900}	970 {9900}	670 {6850}	470 {4800}	— —
M 30×3.5		880 {8950}	1750 {17800}	2460 {25100}	1040 {10600}	2070 {21100}	2920 {29800}	1320 {13500}	910 {9300}	640 {6500}	— —
M 33×3.5		1190 {12100}	2380 {24300}	3350 {34200}	1410 {14400}	2820 {28800}	3970 {40500}	1800 {18400}	1240 {12600}	870 {8800}	— —
M 36×4		1530 {15600}	3060 {31200}	4300 {43800}	1810 {18500}	3620 {36900}	5100 {52000}	2310 {23600}	1590 {16200}	1110 {11300}	— —
M 39×4		1980 {20200}	3960 {40400}	5570 {56800}	2340 {23900}	4690 {47800}	6590 {67200}	2980 {30400}	2060 {21000}	1440 {14700}	— —
M 42×4.5		2450 {25000}	4890 {49900}	6880 {70200}	2900 {29600}	5800 {59100}	8150 {83100}	3690 {37600}	2540 {25900}	1780 {18100}	— —
M 45×4.5		3070 {31300}	6130 {62500}	8620 {87900}	3630 {37000}	7260 {74000}	10200 {104000}	4620 {47100}	3180 {32400}	2230 {22700}	— —
M 48×5		3670 {37400}	7340 {74800}	10300 {105000}	4350 {44400}	8690 {88600}	12200 {124000}	5530 {56400}	3810 {38900}	2670 {27200}	— —
M 52×5		4760 {48500}	9520 {97100}	13400 {137000}	5640 {57500}	11300 {115000}	15850 {162000}	7180 {73200}	4940 {50400}	3450 {35200}	— —
M 56×5.5		5910 {60300}	11800 {120000}	16650 {170000}	7000 {71400}	14000 {143000}	19700 {201000}	8910 {90900}	6140 {62600}	4300 {43800}	— —
M 60×5.5		7360 {75100}	14750 {150000}	20700 {211000}	8720 {88900}	17450 {178000}	24550 {250000}	11100 {113000}	7650 {78000}	5350 {54600}	— —
M 64×6.0		8920 {91000}	17850 {182000}	25100 {256000}	10550 {108000}	21150 {216000}	29700 {303000}	13450 {137000}	9260 {94400}	6470 {66000}	— —

* Materials of FUJILOK U-NUT include equivalent of each materials.

Installation Procedure



Insert a bolt to tightening member. Use bolts with a chamfered tip with a thread accuracy of ISO6g. Also, use lubricant in cases where problems such as scorching or seizing may occur.



Manually screw the nut on until the friction ring touches the tip of the threaded portion of the bolt.

※The nut cannot be installed from the friction ring side.



Tighten the nut with a tightening tool such as a wrench. If use under severe conditions or with low axial tension, consult us.



Check that at least two full bolt threads protrude beyond the friction ring. When removing, unscrew the nut with a tightening tool such as a wrench until the friction ring detaches the tip of the threaded portion of the bolt. After that, unscrew the nut manually.

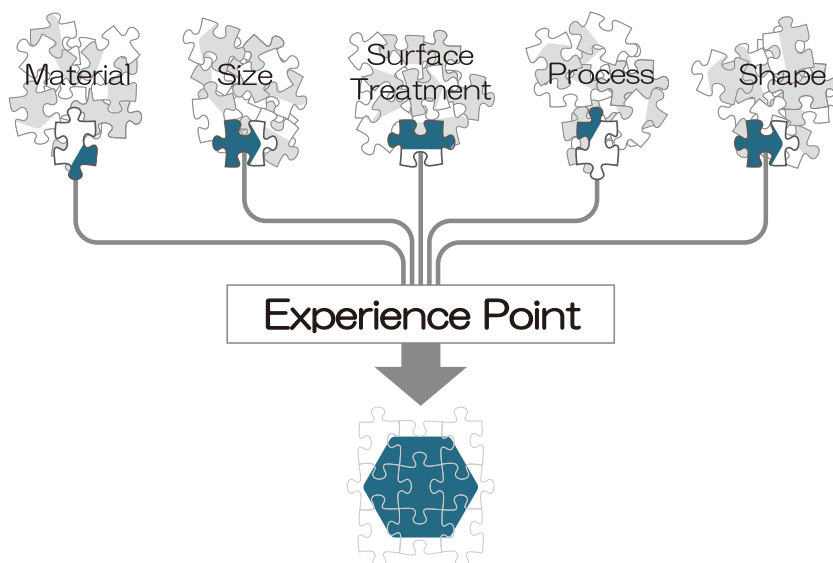
Options Available

Thread	Shape	Material	Surface treatment
※ Metric Threads Whit Threads Unified Threads	※ Single Chamfer Double Chamfer Thin Type Small Type Flange Type Cap Type Weld Type	SS 400 or equivalent (Low Carbon Steel) S45C-H or equivalent (High Carbon Steel) SCM435-H (Alloy Steel) ※ SUS304 or equivalent SUS316L Brass Titanium	Trivalent Yellow Zinc Trivalent Black Zinc Hexavalent White Zinc Hexavalent Yellow Zinc ※ Hot Dip Galvanizing Black Oxide Coating Lubrite Treatment Others
※ In the case of left-handed Thread, consult us.	※ In the case of other specialty shape, consult us.	※ FUN coat and Defric coat are used for SUS lubrication.	※ Available above M8

Many years of experience and testing has provided us with tremendous expertise and knowledge of the Locknut, allowing us to provide a superior product to the user.

Material, Size, Surface Treatment, Process, Shape

We provide the most appropriate **FUJILOK U-NUT** series from the combination of infinite elements.



Providing the most appropriate
FUJILOK U-NUT

FUJILOK *U-NUT* Standard Size Table

M3		
M4		
M5		
M6		
M8		
M10		
M12		
M14		
M16		
M18		
M20		
M22		
	M24	M39
	M27	M42
	M30	M45
	M33	
	M36	M48

Precaution for Use

FUJILOK U-NUT series is especially used in critical and extremely important applications.



- Use bolts with a chamfered tip with a ISO6g (JIS6g) thread accuracy.



- Use lubricant where problems such as scorching or seizing may occur during installation and removal of a nut.



- For full locking, ensure that two full bolt threads protrude beyond the friction ring at the top of the FUJILOK U-NUT.



- When welding a nut, pay attention to the effect of heat and splattering on the friction ring and thread areas.



- Consult us before using the nut if the bolt thread is machined with key ways or pin holes.



- The nut cannot be installed from the friction ring side.



- Stop using the nut if excessive deformation or another fault is found on the friction ring and the clamp.



- If use under severe conditions or with low axial tension, consult us.

SILVERTECH 銀科工業
日本生産商指定獨家代理

香港總公司

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Please feel free to consult us if you have any questions.



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