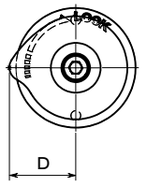
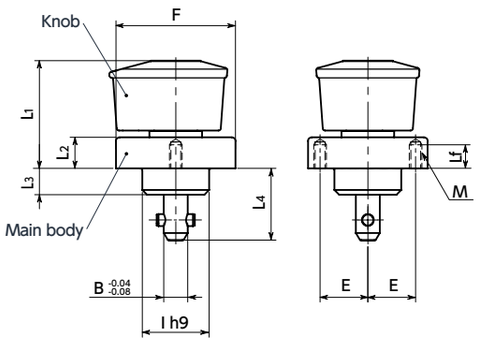
NQTS-GF Quick Release Fasteners - Knob Type - Standard

SUS Stainless steel

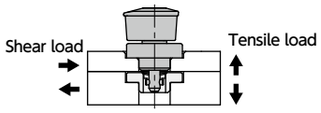




- In combination with the dedicated cam base, jigs can be easily mounted and removed without tools.
- Just rotate the knob 90°to clamp and unclamp: ideal for repetitive work.
- The knob is reverse-tapered to a hand-friendly round shape, with laser engraving on the main body enabling corrosion resistance to be retained.
- The knob projection and laser engraving make the clamping status clear at a glance.
- The knob operation part has passed 50,000 operation tests. With excellent endurance, it reduces part replacement frequency.
- Uses NSF H1 registered grease. Suitable for use in food machinery.
- Two hex socket head cap screws for mounting are provided.
- For mounting to plates from 3mm to less than 6mm, use the dedicated spacer **NQTS-SPCR**.
- There are four knob color variations available. Select with the product code.

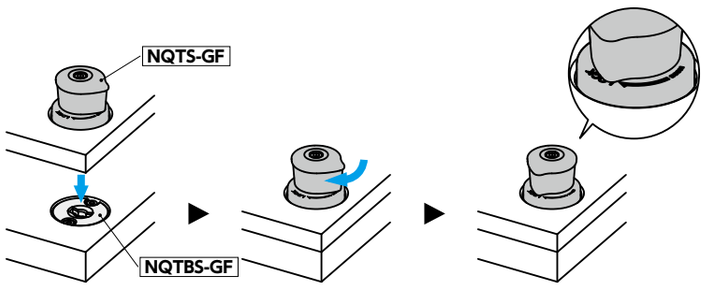
Product Code ◀2	Knob Color
BK	Black
RD	Red
GR	Green
YW	Yellow

- Max. Allowable Load



Part Number	Max. Allowable Shear Load (N)	Max. Allowable Tensile Load (N)
NQTS-5-GF	1800	1200
NQTS-8-GF	3200	2600
NQTS-8-L-GF	3200	2600

- Usage Example
  In combination with dedicated cam base **NQTBS-GF**, etc.



- Material/Finish

RoHS

	NQTS-GF
Main Body	SUS303
Knob	Glass Fiber Reinforced Nylon (Various Colors)
Hex Socket Head Cap Screw	Stainless Steel
Heat Resistance Temperature*1	100℃

*1： Upper limit temperature when using grease.

⚠Precautions for Use
Scarce or deteriorating grease may increase operating force. In this case, apply grease (NOK Klüber's Klübersynth UH1 14 - 222) to the dedicated cam base sliding part.

Unit : mm

Part Number ◀1	F	L1	L3	l	L2	D	M (Coarse) Nominal of Thread	M (Coarse) Pitch	Lf	E	B	L4	Applicable Plate Thickness Without NQTS-SPCR	Applicable Plate Thickness With NQTS-SPCR	Repeated Positioning Accuracy	Clamping Force*1 (N)	Mass (g)
NQTS-5-GF	25	22.4	5.5	14	6.5	13.9	M2.5	0.45	4	10	5	15.1	6～10	3～6	±0.1	60	38
NQTS-8-GF	34	28.4	5.5	18	10	18.5	M3	0.5	6	13	8	16.5	6～14	3～6	±0.1	90	95
NQTS-8-L-GF	34	28.4	5.5	18	10	18.5	M3	0.5	6	13	8	22.5	12～20	–	±0.1	90	98

*1： Clamping force is the maximum allowable load retaining the mounting plate clearance within 0.1mm against tensile load.

Cleanroom Wash & Packaging	Laser Marking
Not Available	Not Available

- Related Products

Dedicated cam bases are available.

Dedicated spacer **NQTS-SPCR** is available.

- Part Number Specification

NQTS-8-L - BK - GF
◀1 ◀2 ◀1

NBK https://www.nbk1560.com

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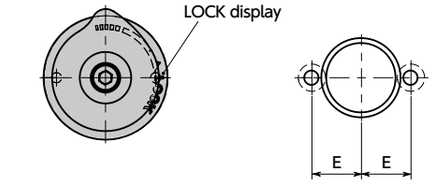
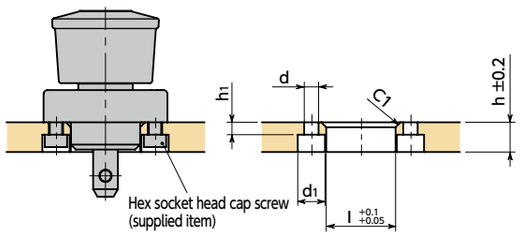
● Mounting

The LOCK display is laser engraved on a straight line from the mounting hole. Set the LOCK display and mounting hole position with attention to workability.

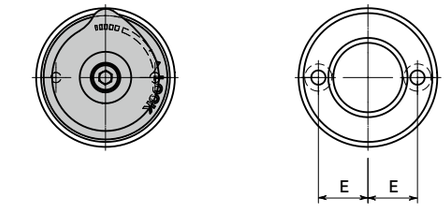
When the plate thickness is from 3mm to less than 6mm, refer to **NQTS-SPCR** mounting.

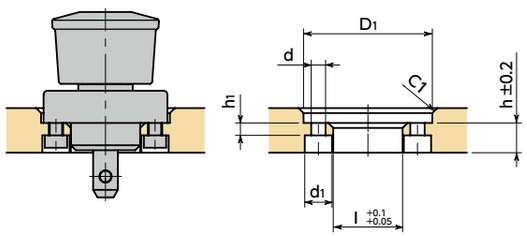




Unit : mm

Part Number	Applicable Plate Thickness	l	h	E	d	d1	h1
NQTS-5-GF	6	14	6	10	2.9	5.5	2.5
NQTS-8-GF	6	18	6	13	3.4	6.5	2.5
NQTS-8-L-GF	12	18	12	13	3.4	6.5	2.5



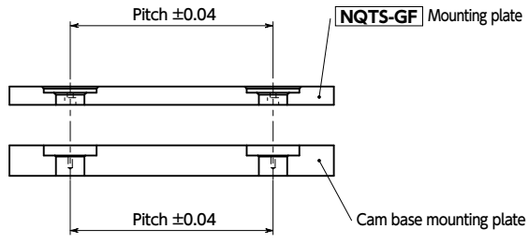


Unit : mm

Part Number	Applicable Plate Thickness	l	D1	h	E	d	d1	h1
NQTS-5-GF	6 - 10	14	26	6	10	2.9	5.5	2.5
NQTS-8-GF	6 - 14	18	35	6	13	3.4	6.5	2.5
NQTS-8-L-GF	12 - 20	18	35	12	13	3.4	6.5	2.5

● Pitch Precision Between Holes

The pitch tolerance of the **NQTS-GF** mounting plate and the cam base mounting plate should be ±0.04mm or below.



● Repeated Positioning Accuracy

Repeated positioning accuracy is ±0.1mm. When even higher-precision positioning is required, prepare a positioning pin suited to the application.