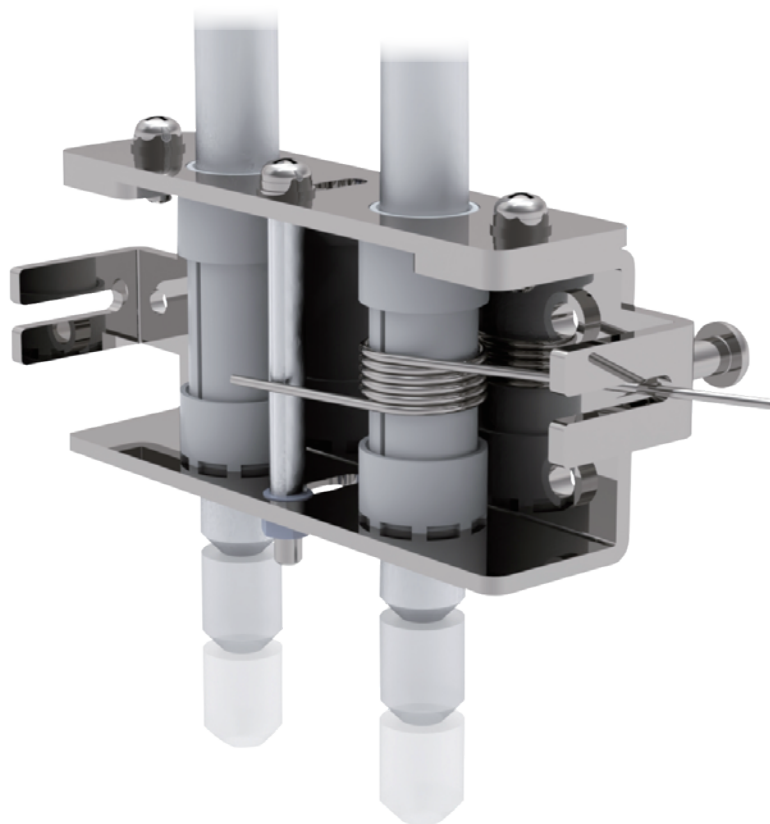




SR15

Linear Torque Limiter

T O K

SR15

New mechanism: Linear torque limiter that can be locked at any desired position

We have developed a linear component, the linear torque limiter, by applying the technology of our conventional rotary torque limiter. When the shaft is inserted, a constant frictional force is applied, allowing fixing at any desired position for both vertical and horizontal sliding. Since the frictional resistance can be adjusted using a screw, it is possible to set the desired resistance feeling. Since the shaft is not fixed by a screw, the shaft will not be damaged. By using the lock release button (optional), it is possible to slide without frictional resistance.

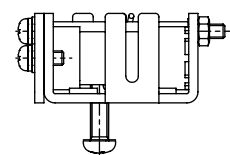
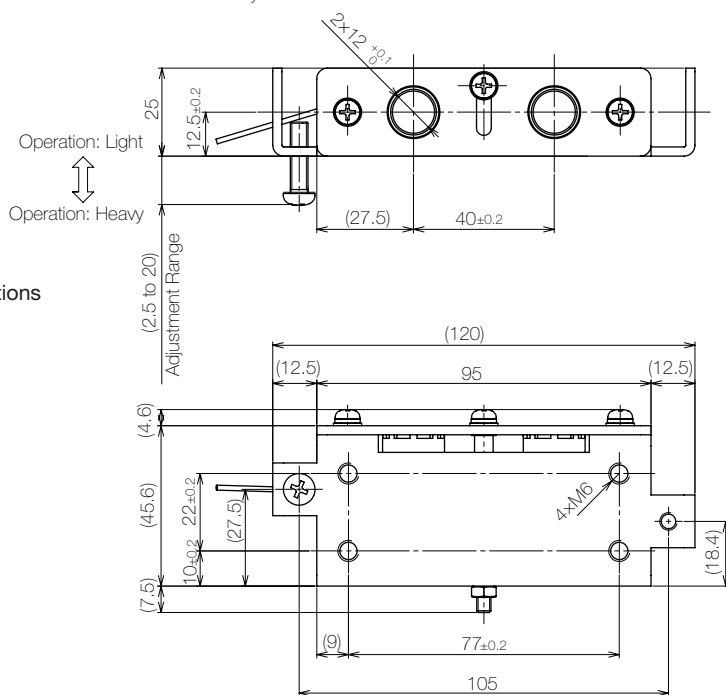
Features	- Linear motion with frictional resistance	- Position fixed by friction; self-lubricating resin requires no maintenance.
	- Frictional resistance can be adjusted (by operating the adjustment screw)	- No fixing work such as screw fastening is required
	- Uses two shafts (One shaft is for preventing rotation)	- A lock release button can be added (optional)
Potential Applications	- Headrests	- I.V. poles (Intravenous drip stands)
	- Monitor height adjustment mechanisms	- Positioning jigs

Durability 75,000 cycles* Operating force Max 40 N

Operating temperature range 0 to 40 °C Weight approx. 220g

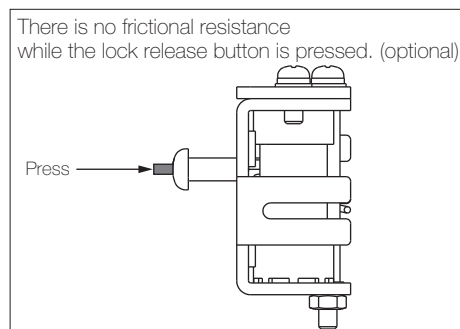
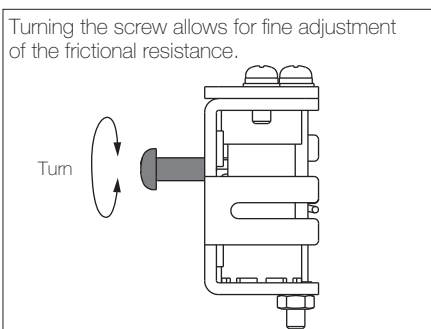
*Durability includes use of the frictional resistance adjustment screw when frictional resistance decreases.
The durability test condition is a stroke of 150 mm at 6 seconds/round trip.

Product Specifications



The recommended shaft tolerance is $\varnothing 12_{-0.018}^{+0.018}$ mm.
Please use SUS304 polished round bar.
(The shaft is not included with SR15).

How to Use



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