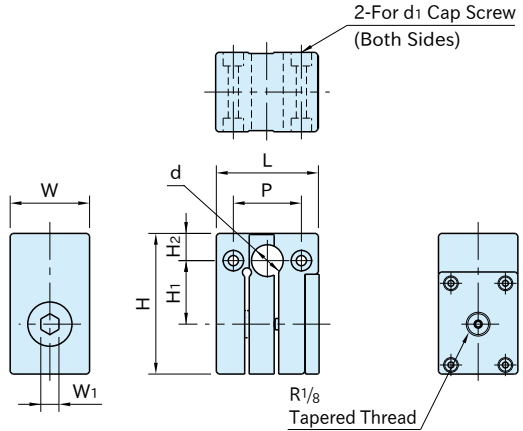


QSCA

QUICK SHAFT-LOCKING CLAMPS (Pneumatic)



★ One Point

Clamping by spring pressure / Unclamping by air pressure

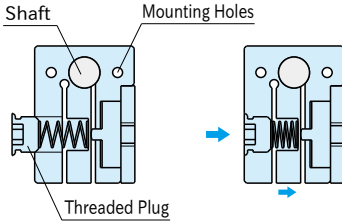
Body / Cover Plate	O-Ring
A5052 aluminum alloy Sand blasting finish Anodized Natural	Nitrile rubber

Part Number	d	H ₂	L	W	H	d ₁	P	W ₁	H ₁
QSCA10-N	10	12	45	35	62	M4 Counterbore depth 4.5	30	8	28
QSCA12-N	12								
QSCA14-N	14								
QSCA15-N	15	19	58	40	80	M5 Counterbore depth 5.5	35	10	35
QSCA16-N	16								
QSCA20-N	20								

Part Number	Holding Torque (N·m)	Sliding Load (N)	Weight (g)	Shaft Dia. (h6-h9)
QSCA10-N	1	150	230	φ 10
QSCA12-N	1.2			φ 12
QSCA14-N	1.4			φ 14
QSCA15-N	2.2	200	450	φ 15
QSCA16-N	2.4			φ 16
QSCA20-N	2.6			φ 20

How To Use

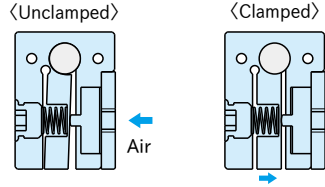
How to Install



Slide the clamp over the shaft at the unclamped mode, and then fix the body using the 2 mounting holes.

Screwing the plug completely into the hole allows locking the shaft.

How to Operate



Supplying air allows compressing the spring to get the shaft unlocked.

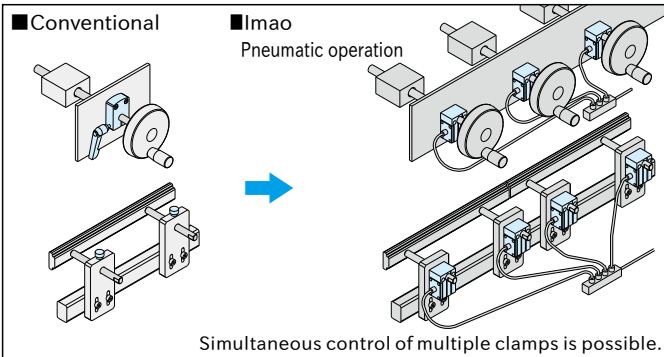
Releasing the air allows getting the spring to work to lock the shaft.

Feature

- Air pressure to be applied : 0.5 - 0.7MPa Recommended to use with a three-way valve.
- The mechanism of spring-pressure clamping and air-pressure unclamping prevents shaft-locking force from getting lowered.
- Connecting air plumbing to multiple Quick Shaft-Locking Clamps installed allows doing clamping/unclamping in one operation.

Note

- Use clean air by removing moisture and debris with an air dryer and air filter.
- Impurities in the compressed air can cause malfunction.



Plumbing Drawing

