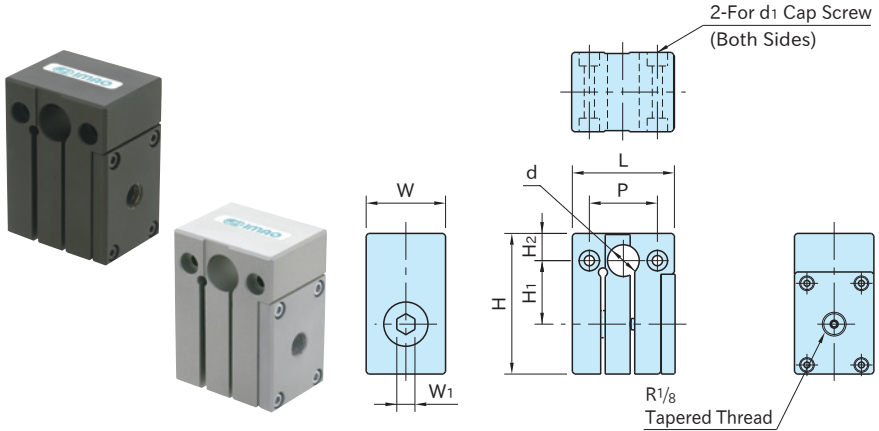


QSCA

QUICK SHAFT-LOCKING CLAMPS (Pneumatic)



★ One Point

Clamping by spring pressure / Unclamping by air pressure

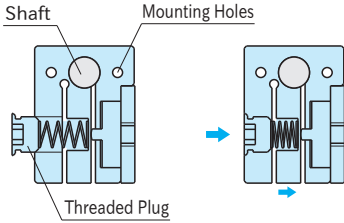
Body / Cover Plate	O-Ring
A5052 aluminum alloy Sand blasting finish Anodized N: Natural, B: Black	Nitrile rubber

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

Part Number		Holding Torque (N·m)	Sliding Load (N)	Weight (g)	Shaft Dia. (h6-h9)
Natural	Black				
QSCA10-N	QSCA10-B	1	150	230	φ 10
QSCA12-N	QSCA12-B	1.2			φ 12
QSCA14-N	QSCA14-B	1.4		φ 14	
QSCA15-N	QSCA15-B	2.2	200	450	φ 15
QSCA16-N	QSCA16-B	2.4			φ 16
QSCA20-N	QSCA20-B	2.6		440	φ 20

How To Use

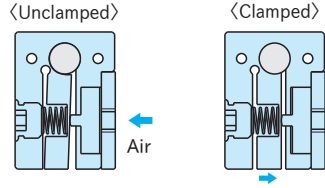
How to Install



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

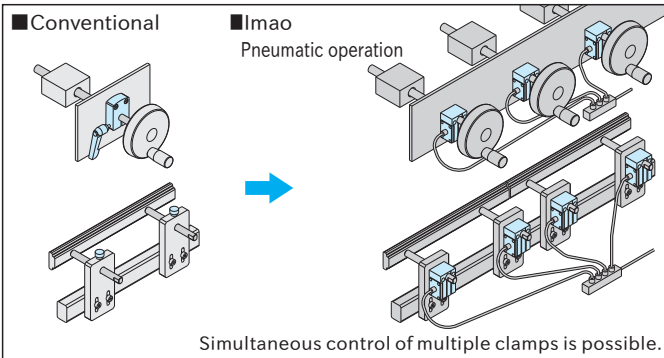


Supplying air allows compressing the spring to get the shaft unlocked.

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.



Plumbing Drawing

