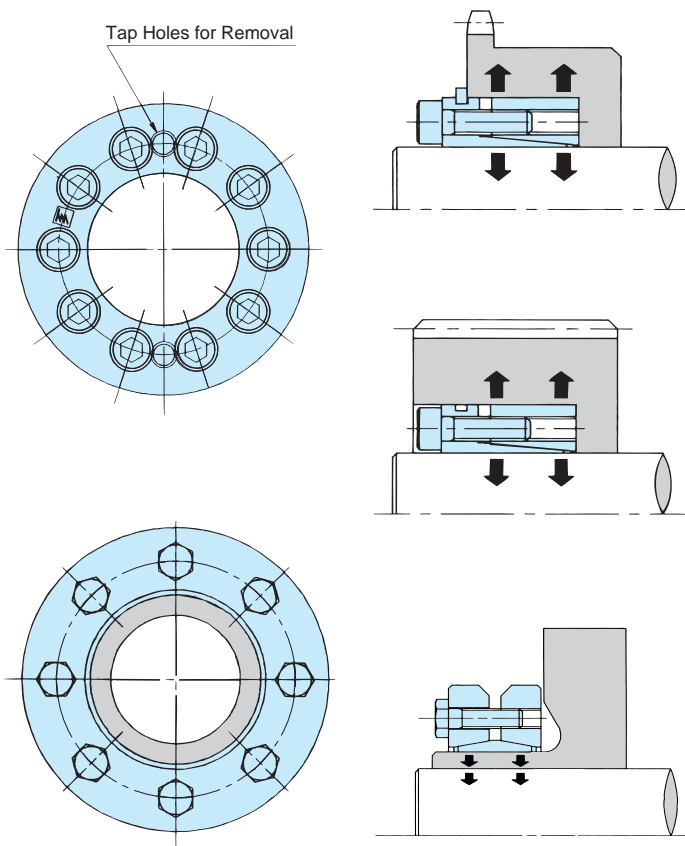


POWER-LOCK®

Keyless Locking Device

MORE STYLES TO FIT MORE APPLICATIONS



Experience the difference a Tsubaki POWER-LOCK makes.

A shaft-to-hub locking assembly that eliminates the problems associated with key systems.

- High durability against reversing and impacting loads
- Easy and precise positioning
- Thrust load capability
- Easy assembly and disassembly
- Eliminates costly machining

	Tsubaki	B-Loc	Ringfeder
	AS	B400	RfN7012
	AD	B112	TAS3012
	AE	B106	RfN7013.1
	FL	B103	RfN7013.0
	KE	B109	
	RE-SS		
	TF	B800	RfN7110
	EL	B500	RfN8006
	EF		
	SL	SD10	RfN4071

Series	AS		AS-SS		AD		AE		FL		KE		RE-SS		TF		EL		EF		SL		
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
Shaft Diameter	mm	19 to 300	19 to 150	45 to 300	19 to 150	19 to 100	5 to 100	5 to 50	6 to 90	10 to 150	10 to 120	19 to 245											
	inch	3/4 to 11-13/16	3/4 to 4	3/4 to 11-13/16	3/4 to 4	3/4 to 4	3/8 to 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Transmissible torque (kgf-m)	25 to 15400		20 to 2130		39 to 43800		27 to 2760		27 to 2760		0.77 to 1010		0.51 to 119		1.2 to 900		0.7 to 1070		4 to 1290		17 to 29600		
	Number of use	1 2 3 4	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2 3 4	1 2	1 2	1 2	1 2	1 2	
Multiple Use	Multiple factor	1 2 3 4	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 1.5 1.8 2	1 1.2	1 1.2	1 1.2	1 2	1 2	
Surface roughness of shaft/hub bore	12S ▽▽		12S ▽▽		12S ▽▽		12S ▽▽		12S ▽▽		12S ▽▽		12S ▽▽		12S ▽▽		6S ▽▽▽		12S ▽▽		12S ▽▽		
	h8/H8		h8/H8		h8/H8		h8/H8		h8/H8		h10-m6/H8		h8/H8		h8/H8		>40mm = h6/H7		h8/H8		h6/H7/h7		
Centering function	No		No		Yes		Yes		Yes		Yes		Yes		Yes		No		Yes		Yes		
	Hub bore	8.7 to 13.6	7.3 to 12.1	9.0 to 12.6	9.5 to 15.4	9.5 to 15.4	7.1 to 16.8	5.1 to 12.8	5.4 to 12.9	7.7 to 9	13.6 to 22.9	23 to 32											
Contact pressure (Kg/finm ²)	14.9 to 21.4		15.2 to 19.1		11.6 to 24.1		20.2 to 29.3		20.2 to 29.3		16.6 to 23.0		12.9 to 20.4		7.6 to 22.1		10		15.3 to 29.8		16.7 to 22.6		
	Shaft		Shaft		Shaft		Shaft		Shaft		Shaft		Shaft		Shaft		Shaft		Shaft		Shaft		Shaft
Installation to the shaft with keyway/D cut	Possible		Possible		Possible		Possible		Possible		Possible		Possible		Possible		Impossible		Possible		Possible		
	Available for large shaft diameter		Stainless steel		Same ID and OD as the AS Series		Same ID and OD as the AS Series		Same ID and OD as the AS Series		Wide range of shaft tolerances		Stainless steel		For small hub diameters		Offers flexible design configurations		Same ID and OD as the EL Series		External lock		
Others/overall	Easy machining of the shaft/hub bore		Same construction/ID and OD as the AS series		Transmitting 1.5 to 3 times the rated torque of the AS Series		Centering function		Centering function		Designed to fit small diameters		Available in flange (with snap ring) and straight (w/o snap ring) installation types		Centering function		Excellent cost performance						
	Can use to the shaft with keyway		Can use to the shaft with keyway		Can use to the shaft with keyway		Can use to the shaft with keyway		Can use to the shaft with keyway		Applicable to cold finished steel bars, servo motor shafts, motor shafts, detectors, etc.				Can use to the shaft with keyway		Designed for applications requiring space restrictions		Need pressure flange, sleeve, etc.				

Contact U.S. Tsubaki, Inc. for additional engineering information.

Note: In accordance with the policy of U.S. Tsubaki, Inc. to consistently improve its products, the specification on this sheet are subject to change without notice.

Tsubaki does not guarantee exact equivalence; dimensions and/or capacities may differ.

Please consult U.S. Tsubaki prior to substituting.