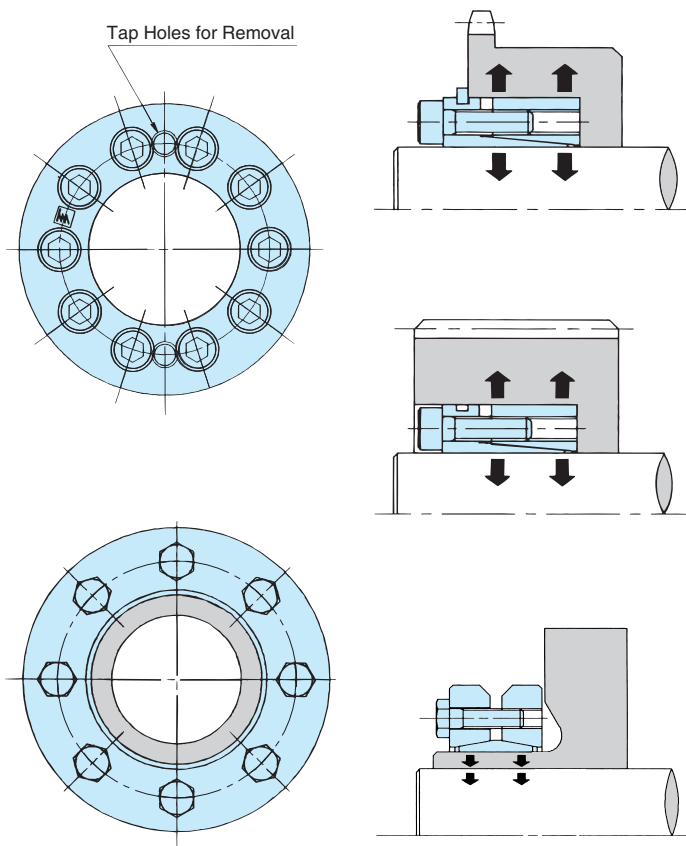


POWER-LOCK®

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
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
Multiple Use	Number of use	1 2 3 4	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2 3 4	1 2	1 2
		1 2 3 4	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 1.5 1.8 2	1 1.2	1 2
	Multiple factor							1 1.2 (w/ snap ring)				
Surface roughness of shaft/hub bore		12S ∇∇	12S ∇∇	12S ∇∇	12S ∇∇	12S ∇∇	12S ∇∇	12S ∇∇	12S ∇∇	6S ∇∇∇	12S ∇∇	12S ∇∇
Tolerance of shaft/hub bore		h8/H8	h8/H8	h8/H8	h8/H8	h8/H8	h10-m6/H8	h8/H8	h8/H8	<38mm = h6/H7 >40mm = h8/H8	h8/H8	h6/H7/h7
Centering function		No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Contact pressure (Kg/mm ²)	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
	Shaft	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
Installation to the shaft with keyway/D cut		Possible	Possible	Possible	Possible	Possible	Possible	Possible	Possible	Impossible	Possible	Possible
Others/overall	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	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
		Easy to select	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		
	Easy machining of the shaft/hub bore			Centering function	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.			Designed for applications requiring space restrictions		
	Can use to the shaft with keyway			Can use to the shaft with keyway						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.