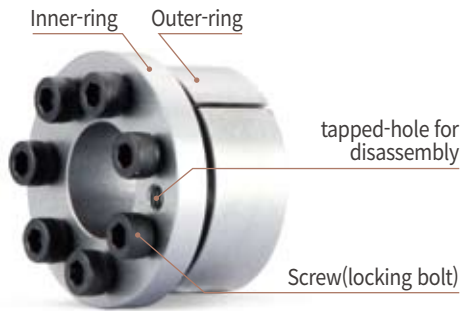


A.P. LOCK : SAPL-B SERIES



SAPL-B

Structure and Material for SAPL-B Series

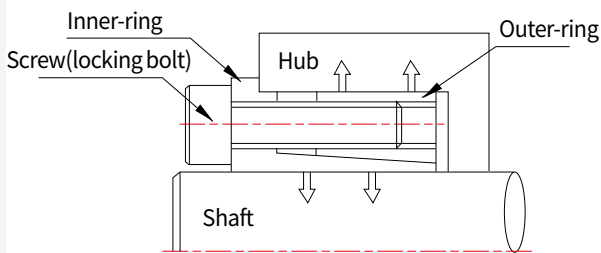
Model	Body (Inner-ring / Outer-ring)		Screw(locking bolt)	
	Material	Surface Treatment	Material	Surface Treatment
SAPL-B	STEEL	-	SCM435	Black Oxide

※ Please contact Sung-il Customer Service team for eletroless nickel plating surface treatment option for SAPL-B Series.

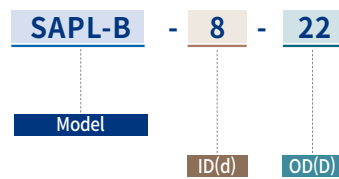
Product Features

- Self-centering function (prevention of slight off-center matters)
- Higher durability with bigger outer diameters and screws comparing to the same inner diameter products in SAPL-A Series

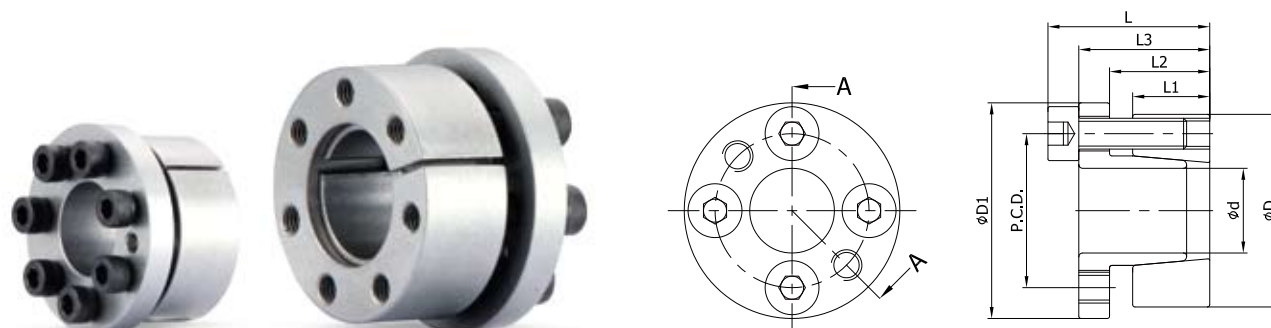
Principles



How to Order



SAPL-B SERIES : SAPL-B



Dimensions / Performance

Model d x D	Size ($\pm 0.3\text{mm}$)						Max. Permissible Torque (Tc) (N·m)	Max. Permissible Thrust Load (Pt) (kN)	Surface Pressure (Mpa)		screw(locking bolt)		Mass(g)	
	L ₁	L ₂	L ₃	L	D ₁	P.C.D			Shaft(Pi)	Hub(Po)	Size	The no. of screws		Fastening Torque (N·m)
SAPL-B-8 x 22	10	13	17	21	25	17	18	5	274	70	M4 x 15	3	4	45
SAPL-B-9 x 23	10	13	17	21	26	18	21	5	243	67	M4 x 15	3	4	50
SAPL-B-10 x 24	10	13	17	21	27	19	29	6	294	85	M4 x 15	4	4	53
SAPL-B-11 x 25	10	13	17	21	28	20	33	6	265	82	M4 x 15	4	4	56
SAPL-B-12 x 26	10	13	17	21	29	21	46	8	304	98	M4 x 15	5	4	60
SAPL-B-13 x 27	10	13	17	21	30	22	49	7	280	95	M4 x 15	5	4	63
SAPL-B-14 x 31	12.5	16	21	26	34	25	69	10	261	85	M5 x 15	4	8	100
SAPL-B-15 x 32	12.5	16	21	26	35	25	74	10	243	82	M5 x 15	4	8	105
SAPL-B-16 x 33	12.5	16	21	26	36	26	78	10	228	79	M5 x 15	4	8	110
SAPL-B-17 x 34	12.5	16	21	26	37	27	103	12	268	97	M5 x 15	5	8	115
SAPL-B-18 x 35	12.5	16	21	26	38	28	108	12	253	94	M5 x 15	5	8	120
SAPL-B-19 x 47	20	24	32	38	53	33	284	29	284	92	M6 x 22	6	16	355
SAPL-B-20 x 47	20	24	32	38	53	33	294	29	270	92	M6 x 22	6	16	350
SAPL-B-22 x 47	20	24	32	38	53	37	324	29	245	92	M6 x 22	6	16	335
SAPL-B-24 x 50	20	24	32	38	56	40	412	34	262	101	M6 x 22	7	16	380
SAPL-B-25 x 50	20	24	32	38	56	40	431	34	252	101	M6 x 22	7	16	370
SAPL-B-28 x 55	20	24	32	38	62	45	471	34	225	92	M6 x 22	7	16	440
SAPL-B-30 x 55	20	24	32	38	62	45	510	34	210	92	M6 x 22	7	16	425

- Pt(Max. Permissible Thrust Load) indicates values at the zero(0) torque, and Tc(Max. Permissible Torque) at the zero(0) thrust load respectively. In case torque and thrust load occur simultaneously, please refer to the formula in the [Selection guide] page for combined load calculation.
- For the best performance, make sure all foreign substances e.g. corrosion, dust etc. are removed from each surface of shaft, hub, and A.P. Lock's inner and outer ring.