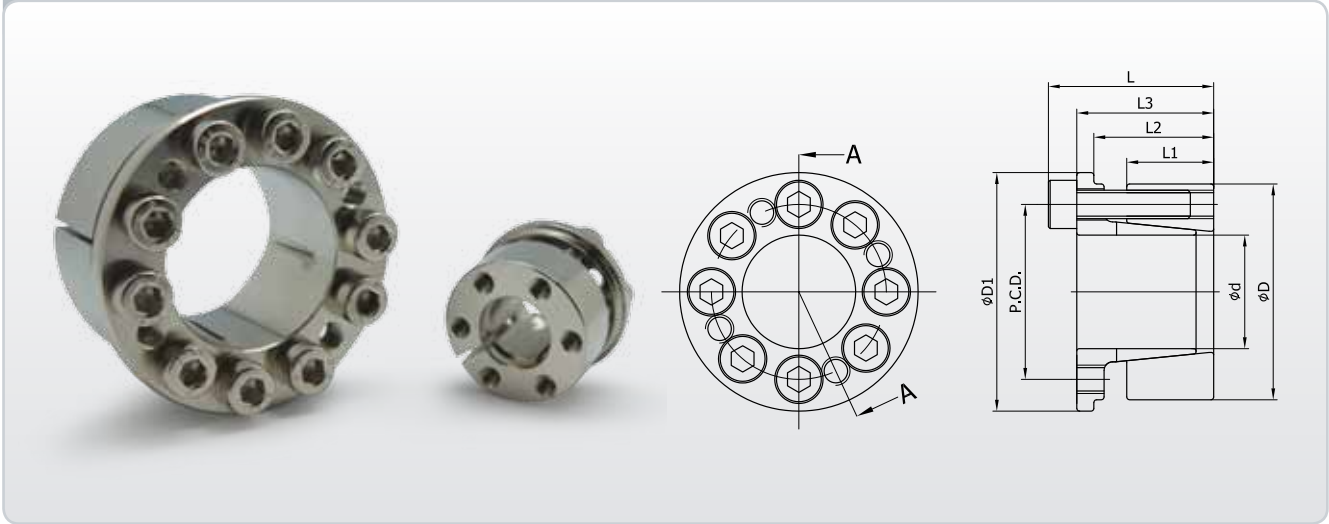


SAPL-AK

Sungil Accurate & Powerful Locking Device

Please, download CAD DATA from www.sungilfa.com

Specifications



Model d x D	Dimension (mm)						Max. Allowable Torque (Tc) [N·m]	Allowable Thrust Load (Pt) [kN]	Surface Pressure [N/mm ²]		Locking Bolt			Mass [g]
	L ₁	L ₂	L ₃	L	D ₁	P.C.D.			Shaft (Pi)	Hub (Po)	Size	Number	Tightening Torque[N · m]	
SAPL-AK-5 x 16	8.0	11.2	13.0	16.0	18.5	11.7	4.6	1.8	244	51	M3x12	4	1.9	18
SAPL-AK-6 x 19	9.0	12.3	14.3	18.3	21.5	14.0	10.7	2.6	256	59	M4x12	4	3.9	26
SAPL-AK-6.35 x 20	9.0	12.3	14.3	18.3	22.5	14.35	10.7	2.6	270	62	M4x12	4	3.9	29
SAPL-AK-8 x 21	9.3	12.6	14.6	18.6	23.5	15.4	16.6	4.1	244	92	M4x12	4	3.9	35
SAPL-AK-10 x 23	9.5	12.8	14.8	18.8	25.5	17.5	19.6	3.9	192	77	M4x12	4	3.9	40
SAPL-AK-11 x 24	9.5	13.8	15.8	19.8	26.5	18.5	22.5	4.0	174	73	M4x12	4	3.9	45
SAPL-AK-12 x 26	10.5	15.5	18.0	22.0	28.5	20.2	36.2	5.9	239	91	M4x15	6	3.9	53
SAPL-AK-14 x 28	10.5	15.5	18.0	22.0	30.5	22.2	50.9	7.2	204	84	M4x15	6	3.9	61
SAPL-AK-15 x 29	11.5	16.5	19.0	23.0	31.5	23.2	54.8	7.2	205	90	M4x15	6	3.9	66
SAPL-AK-16 x 30	12.0	17.1	19.6	23.6	33.0	24.2	58.8	7.3	193	87	M4x15	6	3.9	75
SAPL-AK-17 x 31	12.5	17.6	20.1	24.1	33.5	25.4	76.4	8.9	205	97	M4x15	8	3.9	75
SAPL-AK-18 x 32	12.5	17.6	20.1	24.1	34.5	26.4	80.3	8.9	166	93	M4x15	8	3.9	80
SAPL-AK-19 x 33	12.5	17.6	20.1	24.1	35.5	27.4	85.2	8.9	184	91	M4x15	8	3.9	81
SAPL-AK-20 x 38	15.3	21.1	24.1	29.1	42.0	30.8	183	18.3	213	97	M5x18	8	8.8	144
SAPL-AK-22 x 40	15.3	21.1	24.1	29.1	44.0	32.8	201	18.3	193	92	M5x18	8	8.8	165
SAPL-AK-24 x 42	16.3	22.1	25.1	30.1	46.0	34.8	252	21.0	121	105	M5x18	8	8.8	180
SAPL-AK-25 x 43	17.3	23.1	26.1	31.1	47.0	35.8	264	21.1	212	102	M5x18	8	8.8	188
SAPL-AK-28 x 46	17.3	23.1	26.6	31.6	50.0	38.8	295	21.1	212	107	M5x18	10	8.8	195
SAPL-AK-30 x 48	17.3	23.1	26.6	31.6	52.0	40.8	396	26.4	198	102	M5x18	10	8.8	208
SAPL-AK-32 x 50	18.3	24.1	27.6	32.6	54.0	42.8	423	26.0	192	103	M5x18	10	8.8	219
SAPL-AK-35 x 57	19.5	26.0	30.0	36.0	62.0	48.4	548	31.3	207	105	M6x20	8	15.7	325
SAPL-AK-38 x 60	20.0	26.5	30.5	36.5	65.0	51.4	741	39.0	208	110	M6x20	10	15.7	362
SAPL-AK-40 x 62	20.5	27.0	31.0	37.0	67.0	53.4	779	39.0	202	110	M6x20	10	15.7	380
SAPL-AK-42 x 64	20.5	27.0	31.0	37.0	69.0	55.4	823	39.2	192	106	M6x20	10	15.7	405
SAPL-AK-45 x 67	21.0	27.5	31.5	37.5	72.0	58.4	882	39.2	184	104	M6x20	10	15.7	435
SAPL-AK-48 x 70	21.0	27.5	32.0	38.0	75.0	61.4	1117	46.5	206	118	M6x20	12	15.7	460
SAPL-AK-50 x 72	21.5	28.0	32.5	38.5	77.0	63.4	1362	54.4	202	119	M6x20	14	15.7	485

※ Pt(allowable thrust) indicates value when torque is 0, Tc(max allowable torque) indicates value when thrust load is 0. When thrust and torque are combined, use the equation given in design and install manual

※For the best performance, you must remove rust, dust etc. on shaft, hub, inner side of body and cover's outer surface