

Model Numbers and Specifications

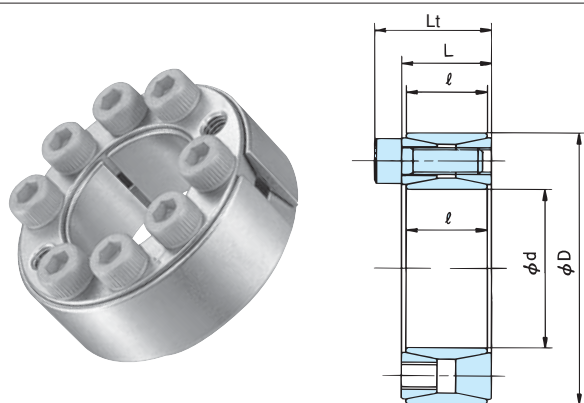
Electroless Nickel-Plated (AS-KP) Models

Important Notes

1. Dimensions are the same as the standard AS specifications.
2. The units are plated with peel-proof electroless nickel.
3. The locking bolts are DISGO treated so that assembly lubrication is not necessary. The electroless nickel-plated models are chrome-free and environmentally friendly.

Applications

Most suitable for clean-room operation requiring minimum rust.



* Note) 3

Model No. d X D Shaft Diameter X Outer Diameter	Dimensions mm			Transmissible Torque		Transmissible Thrust		Shaft Contact Pressure		Hub Contact Pressure		Locking Bolts					Mass
	L	ℓ	Lt	Mt		Pax		P		P'		Quantity	Size	Tightening Torque MA			
				N·m	{kgf·m}	kN	{kgf}	MPa	{kgf/mm ² }	MPa	{kgf/mm ² }			N·m	{kgf·m}		kg
PL 019 X 047 AS-KP	20	18	26	245	25	26.5	2700	210	21.4	85	8.7	6	M6×18	16.7	1.7	0.20	
PL 020 X 047 AS-KP	20	18	26	265	27	26.5	2700	199	20.3	85	8.7	6	M6×18	16.7	1.7	0.20	
PL 022 X 047 AS-KP	20	18	26	294	30	26.5	2700	181	18.5	85	8.7	6	M6×18	16.7	1.7	0.19	
PL 024 X 050 AS-KP	20	18	26	402	41	33.3	3400	211	21.5	101	10.3	8	M6×18	16.7	1.7	0.22	
PL 025 X 050 AS-KP	20	18	26	421	43	33.3	3400	203	20.7	101	10.3	8	M6×18	16.7	1.7	0.22	
PL 028 X 055 AS-KP	20	18	26	470	48	33.3	3400	180	18.4	92	9.4	8	M6×18	16.7	1.7	0.25	
PL 030 X 055 AS-KP	20	18	26	510	52	33.3	3400	169	17.2	92	9.4	8	M6×18	16.7	1.7	0.24	
PL 032 X 060 AS-KP	20	18	26	676	69	42.1	4300	198	20.2	106	10.8	10	M6×18	16.7	1.7	0.27	
PL 035 X 060 AS-KP	20	18	26	745	76	42.1	4300	181	18.5	106	10.8	10	M6×18	16.7	1.7	0.27	
PL 038 X 065 AS-KP	20	18	26	892	91	47.0	4800	183	18.7	107	10.9	11	M6×18	16.7	1.7	0.30	
PL 040 X 065 AS-KP	20	18	26	941	96	47.0	4800	174	17.8	107	10.9	11	M6×18	16.7	1.7	0.30	
PL 042 X 075 AS-KP	24	21	32	1490	152	70.6	7200	214	21.8	121	12.3	9	M8×22	40.2	4.1	0.51	
PL 045 X 075 AS-KP	24	21	32	1600	163	70.6	7200	200	20.4	121	12.3	9	M8×22	40.2	4.1	0.51	
PL 048 X 080 AS-KP	24	21	32	1700	173	70.6	7200	188	19.2	113	11.5	9	M8×22	40.2	4.1	0.55	
PL 050 X 080 AS-KP	24	21	32	1770	181	70.6	7200	180	18.4	113	11.5	9	M8×22	40.2	4.1	0.55	
PL 055 X 085 AS-KP	24	21	32	2390	244	86.2	8800	201	20.5	130	13.3	11	M8×22	40.2	4.1	0.60	
PL 060 X 090 AS-KP	24	21	32	2610	266	86.2	8800	184	18.8	123	12.5	11	M8×22	40.2	4.1	0.64	
PL 065 X 095 AS-KP	24	21	32	3090	315	94.1	9600	184	18.8	126	12.9	12	M8×22	40.2	4.1	0.69	
PL 070 X 110 AS-KP	28	25	38	4800	490	138	14100	210	21.4	133	13.6	11	M10×25	81.3	8.3	1.21	
PL 075 X 115 AS-KP	28	25	38	5190	530	138	14100	196	20.0	127	13.0	11	M10×25	81.3	8.3	1.27	
PL 080 X 120 AS-KP	28	25	38	5490	560	138	14100	184	18.8	123	12.5	11	M10×25	81.3	8.3	1.33	
PL 085 X 125 AS-KP	28	25	38	6370	650	150	15300	189	19.3	128	13.1	12	M10×25	81.3	8.3	1.41	
PL 090 X 130 AS-KP	28	25	38	6760	690	150	15300	178	18.2	123	12.6	12	M10×25	81.3	8.3	1.47	
PL 095 X 135 AS-KP	28	25	38	7740	790	163	16600	183	18.7	129	13.2	13	M10×25	81.3	8.3	1.54	
PL 100 X 145 AS-KP	33	29	45	10000	1020	201	20500	184	18.8	127	13.0	11	M12×30	142	14.5	2.09	
PL 110 X 155 AS-KP	33	29	45	11100	1130	201	20500	168	17.1	120	12.2	11	M12×30	142	14.5	2.25	
PL 120 X 165 AS-KP	33	29	45	13100	1340	220	22400	168	17.1	123	12.5	12	M12×30	142	14.5	2.42	
PL 130 X 180 AS-KP	38	34	50	17800	1820	274	28000	166	16.9	120	12.2	15	M12×35	142	14.5	3.38	
PL 140 X 190 AS-KP	38	34	50	20500	2090	292	29800	164	16.7	121	12.3	16	M12×35	142	14.5	3.59	
PL 150 X 200 AS-KP	38	34	50	24700	2520	329	33600	172	17.5	129	13.2	18	M12×35	142	14.5	3.82	
PL 160 X 210 AS-KP	38	34	50	27700	2830	347	35400	170	17.3	129	13.2	19	M12×35	142	14.5	4.03	
PL 170 X 225 AS-KP	44	40	58	34100	3480	402	41000	157	16.0	119	12.1	16	M14×40	225	23.0	5.49	
PL 180 X 235 AS-KP	44	40	58	38400	3920	426	43500	158	16.1	121	12.3	17	M14×40	225	23.0	5.78	
PL 190 X 250 AS-KP	52	48	66	47600	4860	502	51200	147	15.0	112	11.4	20	M14×45	225	23.0	7.89	
PL 200 X 260 AS-KP	52	48	66	52700	5380	527	53800	146	14.9	113	11.5	21	M14×45	225	23.0	8.26	
PL 220 X 285 AS-KP	56	51	72	69100	7050	628	64100	149	15.2	115	11.7	18	M16×50	348	35.5	10.6	
PL 240 X 305 AS-KP	56	51	72	83800	8550	698	71200	152	15.5	120	12.2	20	M16×50	348	35.5	11.5	
PL 260 X 325 AS-KP	56	51	72	104000	10600	803	81900	161	16.4	129	13.2	23	M16×50	348	35.5	12.4	
PL 280 X 355 AS-KP	66	61	84	129000	13200	923	94200	144	14.7	114	11.6	22	M18×60	475	48.5	18.7	
PL 300 X 375 AS-KP	66	61	84	151000	15400	1000	102000	147	15.0	118	12.0	24	M18×60	475	48.5	19.9	

Notes) 1. Stocked models are in bold.

2. Mt indicates torque at 0 transmissible thrust, while Pax indicates transmissible thrust at 0 torque. If transmissible torque and thrust apply simultaneously calculate and compare the combined value with the transmissible torque provided in the table.

3. Dimensions when this product is attached to the shaft and hub.