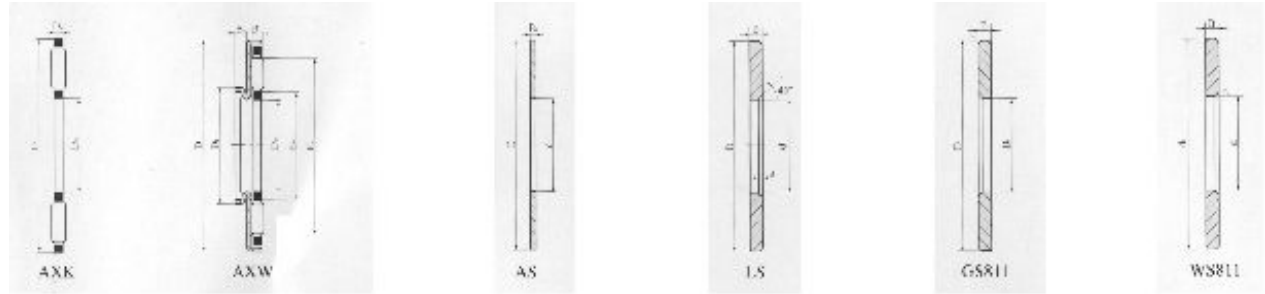


Thrust Needle Roller and Cage Assemblies

AXK, AXW Series

Thrust Bearing Washers

AS, LS, GS811, WS811 Series



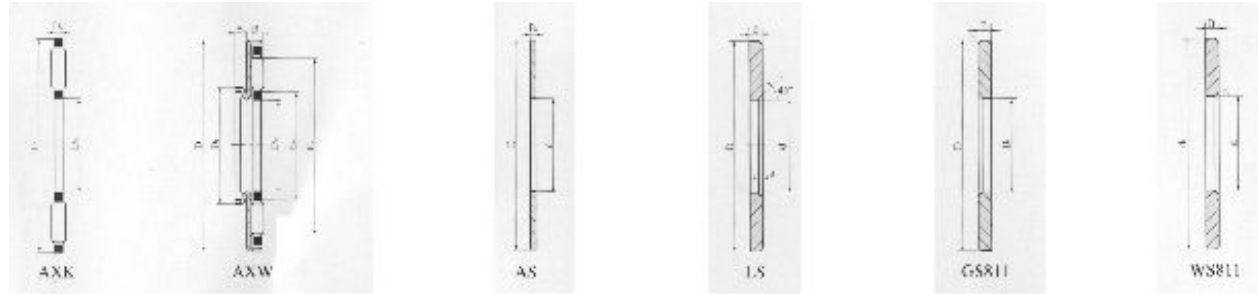
Shaft Diameter	Bearing Designation	Mass	Thrust washers	Mass	Bearing washers	Housing washer	Shaft washer	Mass	Dimensions							Basic Load Rating		Limiting Speed
									$D_{C1} / d$	$D_1$	$D_C / D$	$d_1$	Dw	$B_1$	B	Cr(N)	Cor(N)	
	AXK	(g)	AS	(g)	LS	GS	WS	(g)										
4	AXK0414TN	0.8	AS0414	1					4		14		2	1		4300	7800	17500
5	AXK0515TN	0.9	AS0515	1					5		15		2	1		4500	8900	15000
6	AXK0619TN	1.1	AS0619	2	LS0619			4	6		19		2	1	2.75	6500	14500	14000
8	AXK0821TN	2	AS0821	2	LS0821			4	8		21		2	1	2.75	7500	16500	13500
10	AXK1024	3.1	AS1024	3	LS1024			7	10		24		2	1	2.75	9000	23000	13000
12	AXK1226	3.1	AS1226	3	LS1226			8	12		26		2	1	2.75	9500	25000	12500
15	AXK1528	4.1	AS1528	3	LS1528	GS81102	WS81102	9	15	16	28	28	2	1	2.75	11000	34000	10000
17	AXK1730	4.4	AS1730	4	LS1730	GS81103	WS81103	9	17	18	30	30	2	1	2.75	11500	35000	9500
20	AXK2035	5.2	AS2035	5	LS2035	GS81104	WS81104	13	20	21	35	35	2	1	2.75	12500	45000	7800
25	AXK2542	7.2	AS2542	7	LS2542	GS81105	WS81105	19	25	26	42	42	2	1	3	13000	55000	6500
30	AXK3047	8.2	AS3047	8	LS3047	GS81106	WS81106	22	30	32	47	47	2	1	3	15000	65000	5500
35	AXK3552	10	AS3552	9	LS3552	GS81107	WS81107	29	35	37	52	52	2	1	3.5	15500	80000	4800
40	AXK4060	16.2	AS4060	12	LS4060	GS81108	WS81108	40	40	42	60	60	3	1	3.5	25000	110000	4200
45	AXK4565	18.2	AS4565	13	LS4565	GS81109	WS81109	50	45	47	65	65	3	1	4	28000	110000	3900
50	AXK5070	20.5	AS5070	14	LS5070	GS81110	WS81110	55	50	52	70	70	3	1	4	32000	120000	3500
55	AXK5578	28.5	AS5578	18	LS5578	GS81111	WS81111	88	55	57	78	78	3	1	5	35000	150000	3100
60	AXK6085	33	AS6085	22	LS6085	GS81112	WS81112	97	60	62	85	85	3	1	4.75	42000	220000	3000
65	AXK6590	35.5	AS6590	24	LS6590	GS81113	WS81113	115	65	67	90	90	3	1	5.25	45000	230000	2800
70	AXK7095	60.5	AS7095	25	LS7095	GS81114	WS81114	123	70	72	95	95	4	1	5.25	52000	230000	2600

Thrust Needle Roller and Cage Assemblies

AXK, AXW Series

Thrust Bearing Washers

AS, LS, GS811, WS811 Series



Shaft Diameter	Bearing Designation	Mass	Thrust washers	Mass	Bearing washers	Housing washer	Shaft washer	Mass	Dimensions							Basic Load Rating		Limiting Speed
									$D_{C1} / d$	$D_1$	$D_C / D$	$d_1$	Dw	$B_1$	B	Cr(N)	Cor(N)	
	AXK	(g)	AS	(g)	LS	GS	WS	(g)	$D_{C1} / d$	$D_1$	$D_C / D$	$d_1$	Dw	$B_1$	B	Cr(N)	Cor(N)	Oil
75	AXK75100	62	AS75100	27	LS75100	GS81115	WS81115	142	75	77	100	100	4	1	5.75	52000	240000	2400
80	AXK80105	64	AS80105	28	LS80105	GS81116	WS81116	151	80	82	105	105	4	1	5.75	55000	250000	2300
85	AXK85110	68	AS85110	29	LS85110	GS81117	WS81117	159	85	87	110	110	4	1	5.75	56000	260000	2200
90	AXK90120	87	AS90120	39	LS90120	GS81118	WS81118	234	90	92	120	120	4	1	6.5	72000	380000	2100
100	AXK100135	106	AS100135	50	LS100135	GS81120	WS81120	350	100	102	135	135	4	1	7	90000	550000	1900

Note: TN=The allowable working temperature for plastic cage: 120°C (continuously); 150°C (temporarily); 180°C(for a shorttime).

1)You may be supplied with bigger sizes of bearings if needed.

2)Bearings lubricated by oil running under limited should be cooled,if lubricated by the allowable sped will be 25% of the value listed,if will get a higher value when the heat-sinkir