

THRUST NEEDLE ROLLER BEARINGS

DIMENSIONS						INTERCHANGE					
d		D		D _w		INA	SKF	FAG	IKO	Torrington	Torrington
inch	mm	inch	mm	inch	mm	AXK	AXK	AXK	NTB	FNT(A)	NTA
0.25	6.35	0.687	17.45	0.0781	1.984						NTA-411
0.312	7.925	0.75	19.05	0.0781	1.984						NTA-512
0.375	9.525	0.812	20.625	0.0781	1.984						NTA-613
0.394	10	0.945	24	0.0787	2	AXK 1024	AXK 1024	AXK 1024	NTB 1024	FNT-1024	
0.472	12	1.024	26	0.0787	2	AXK 1226	AXK 1226	FNT-1226	NTB 1226	FNT-1226	
0.5	12.7	0.937	23.8	0.0781	1.984						NTA-815
0.562	14.275	1	25.4	0.0782	1.986						NTA-916
0.591	15	1.102	28	0.0787	2	AXK 1528	AXK 1528	AXK 1528	NTB 1528	FNTA-1528	
0.625	15.875	1.125	28.575	0.0781	1.984						NTA-1018
0.63	16	1.142	29	0.0787	2				NTB 1629		
0.669	17	1.181	30	0.0787	2	AXK 1730	AXK 1730	AXK 1730	NTB 1730	FNT-1730	
0.709	18	1.22	31	0.0787	2				NTB 1831		
0.75	19.05	1.25	31.75	0.0781	1.984						NTA-1220
0.787	20	1.378	35	0.0787	2	AXK 2035	AXK 2035	AXK 2035	NTB 2035	FNTA-2035	
0.875	22.225	1.437	36.5	0.0781	1.984						NTA-1423
0.984	25	1.654	42	0.0787	2	AXK 2542	AXK 2542	AXK 2542	NTB 2542	FNTA-2542	
1	25.4	1.562	39.675	0.0781	1.984						NTA-1625
1.125	28.575	1.75	44.45	0.0781	1.984						NTA-1828
1.181	30	1.85	47	0.0787	2	AXK 3047	AXK 3047	AXK 3047	NTB 3047	FNTA-3047	
1.25	31.75	1.937	49.2	0.0781	1.984						NTA-2031
1.375	34.925	2.062	52.375	0.0781	1.984						NTA-2233
1.378	35	2.047	52	0.0787	2	AXK 3552	AXK 3552	AXK 3552	NTB 3552	FNT-3552	
1.5	38.1	2.187	55.55	0.0781	1.984						NTA-2435
1.575	40	2.362	60	0.1181	3	AXK 4060	AXK 4060	AXK 4060	NTB 40603	FNT-4060	
1.75	44.45	2.5	63.5	0.0781	1.984						NTA-2840
1.772	45	2.559	65	0.1181	3	AXK 4565	AXK 4565	AXK 4565	NTB 4565	FNT-4565	
1.969	50	2.756	70	0.1181	3	AXK 5070	AXK 5070	AXK 5070	NTB 5070	FNT-5070	
2	50.8	2.75	69.85	0.0781	1.984						NTA-3244
2.125	53.975	2.875	73.025	0.0781	1.984						NTA-3446
2.165	55	3.071	78	0.1181	3	AXK 5578	AXK 5578	AXK 5578	NTB 5578	FNT-5578	
2.25	57.15	3	76.2	0.0781	1.984						NTA-3648
2.25	57.15	3.125	79.375	0.125	3.175						NTA-3650
2.5	63.5	3.25	82.55	0.0781	1.984						NTA-4052
2.362	60	3.346	85	0.1181	3	AXK 6085	AXK 6085	AXK 6085	NTB 6085	FNTA-6085	
2.559	65	3.543	90	0.1181	3	AXK 6590	AXK 6590	AXK 6590	NTB 6590	FNTA-6590	
2.75	69.85	3.625	92.075	0.125	3.175						NTA-4458
2.756	70	3.74	95	0.1575	4	AXK 7095	AXK 7095	AXK 7095	NTB 7095	FNTA-7095	
2.953	75	3.937	100	0.1575	4	AXK 75100	AXK 75100	AXK 75100	NTB 75100	FNTA-75100	
3	76.2	3.75	95.25	0.0781	1.984						NTA-4860
3.15	80	4.134	105	0.1575	4	AXK 80105	AXK 80105	AXK 80105	NTB 80105	FNTA-80105	
3.25	82.55	4.125	104.775	0.125	3.175						NTA-5266
3.346	85	4.331	110	0.1575	4	AXK 75110	AXK 75110	AXK 75110	NTB 85110	FNTA-75110	
3.543	90	4.724	120	0.1575	4	AXK 90120	AXK 90120	AXK 90120	NTB 90120	FNTA-90120	
3.75	95.25	4.625	117.475	0.125	3.175						NTA-6074
3.937	100	5.315	135	0.1575	4	AXK 100135	AXK 100135	AXK 100135	NTB 100135	FNTA-100135	
4.125	104.775	5.062	128.575	0.125	3.175						NTA-6681
4.331	110	5.709	145	0.1575	4	AXK 110145	AXK 110145	AXK 110145	NTB 110145		
4.724	120	6.102	155	0.1575	4	AXK 120155	AXK 120155	AXK 120155	NTB 120155		
5.118	130	6.693	170	0.1969	5	AXK 130170	AXK 130170	AXK 130170	NTB 130170		

***This chart is intended as a reference only. The users should consult with the listed manufacturers' catalogs to establish dimensional interchangeability. SBS cannot be held responsible for any errors contained herein.

THRUST WASHERS

DIMENSIONS						INTERCHANGE					
d		D		S		INA	SKF	FAG	IKO	Torrington	Torrington
inch	mm	inch	mm	inch	mm	AS	AS	AS	AS	FTRA	TRA
0.25	6.35	0.687	17.45	.030-.032	.76-.81						TRA-411
0.312	7.925	0.75	19.05	.030-.032	.76-.81						TRA-512
0.375	9.525	0.812	20.625	.030-.032	.76-.81						TRA-613
0.394	10	0.945	24	0.0394	1	AS 1024	AS 1024	AS 1024	AS 1024	FTRA-1024	
0.472	12	1.024	26	0.0394	1	AS 1226	AS 1226	AS 1226	AS 1226	FTRA-1226	
0.5	12.7	0.937	23.8	.030-.032	.76-.81						TRA-815
0.562	14.275	1	25.4	.030-.032	.76-.81						TRA-916
0.591	15	1.102	28	0.0394	1	AS 1528	AS 1528	AS 1528	AS 1528	FTRA-1528	
0.625	15.875	1.125	28.575	.030-.032	.76-.81						TRA-1018
0.63	16	1.142	29	0.0394	1				AS 1629		
0.669	17	1.181	30	0.0394	1	AS 1730	AS 1730	AS 1730	AS 1730	FTRA-1730	
0.709	18	1.22	31	0.0394	1				AS 1831		
0.75	19.05	1.25	31.75	.030-.032	.76-.81						TRA-1220
0.787	20	1.378	35	0.0394	1	AS 2035	AS 2035	AS 2035	AS 2035	FTRA-2035	
0.875	22.225	1.437	36.5	.030-.032	.76-.81						TRA-1423
0.984	25	1.654	42	0.0394	1	AS 2542	AS 2542	AS 2542	AS 2542	FTRA-2542	
1	25.4	1.562	39.675	.030-.032	.76-.81						TRA-1625
1.125	28.575	1.75	44.45	.030-.032	.76-.81						TRA-1828
1.181	30	1.85	47	0.0394	1	AS 3047	AS 3047	AS 3047	AS 3047	FTRA-3047	
1.125	28.575	1.937	49.2	.030-.032	.76-.81						TRA-2031
1.375	34.925	2.062	52.375	.030-.032	.76-.81						TRA-2233
1.378	35	2.047	52	0.0394	1	AS 3552	AS 3552	AS 3552	AS 3552	FTRA-3552	
1.5	38.1	2.187	55.55	.030-.032	.76-.81						TRA-2435
1.575	40	1.575	40	0.0394	1	AS 4060	AS 4060	AS 4060	AS 4060	FTRA-4060	
1.75	44.45	2.5	63.5	.030-.032	.76-.81						TRA-2840
1.772	45	2.559	65	0.03934	1	AS 4565	AS 4565	AS 4565	AS 4565	FTRA-4565	
1.969	50	2.756	70	0.0394	1	AS 5070	AS 5070	AS 5070	AS 5070	FTRA-5070	
2	50.8	2.75	69.85	.030-.032	.76-.81						TRA-3244
2.125	53.975	2.875	73.025	.030-.032	.76-.81						TRA-3446
2.165	55	3.071	78	0.0394	1	AS 5578	AS 5578	AS 5578	AS 5578	FTRA-5578	
2.25	57.15	3	76.2	.030-.032	.76-.81						TRA-3648
2.5	63.5	3.25	82.55	.030-.032	.76-.81						TRA-4052
2.362	60	3.346	85	0.0394	1	AS 6085	AS 6085	AS 6085	AS 6085	FTRA-6085	
2.559	65	3.543	90	0.0394	1	AS 6590	AS 6590	AS 6590	AS 6590	FTRA-6590	
2.75	69.85	3.625	92.075	.030-.032	.76-.81						TRA-4458
2.756	70	3.74	95	0.0394	1	AS 7095	AS 7095	AS 7090	AS 7095	FTRA-7095	
2.953	75	3.937	100	0.0394	1	AS 75100	AS 75100	AS 75100	AS 75100	FTRA-75100	
3	76.2	3.75	95.25	.030-.032	.76-.81						TRA-4860
3.15	80	4.134	105	0.0394	1	AS 80105	AS 80105	AS 80105	AS 80105	FTRA-80105	
3.25	82.55	4.125	104.775	.030-.032	.76-.81						TRA-5266
3.346	85	4.331	110	0.0394	1	AS 85110	AS 85110	AS 85110	AS 85110	FTRA-85110	
3.543	90	4.724	120	0.0394	1	AS 90120	AS 90120	AS 90120	AS 90120	FTRA-90120	
3.75	95.25	4.625	117.475	.030-.032	.76-.81						TRA-6074
3.937	100	5.315	135	0.0394	1	AS 100135	AS 100135	AS 100135	AS 100135	FTRA-100135	
4.125	104.775	5.062	128.575	.030-.032	.76-.81						TRA-6681

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