



AUTOMOTIVE BEARING

YNN
BEARINGS



YINN BEARING CATALOGUE

YNN
BEARINGS

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Shanghai Yinin Bearing &Transmission Company

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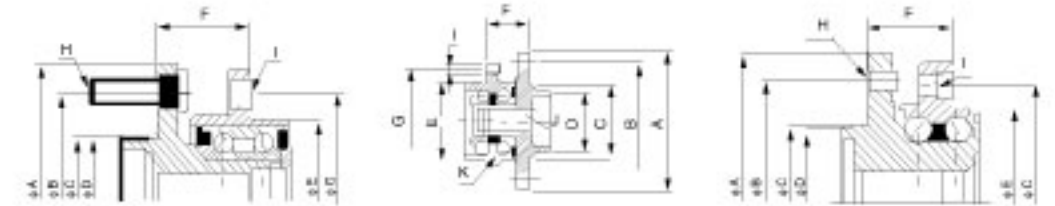
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HUB UNIT



Type Number	Bearing No.	d	F	B	E1	E2	M	G	K	I	H	J	Bolt Size	Hole Dia	Application
1DACF6-100/555	TGB12095S43	25	132.5	43	60	65.9	54	100	--	55.6	19.5	13	--	4*M12*1.5	Renault
1DACF6-100/555-I	TGB12095S49	25	132.5	43	60	65.9	54	100	75.5	61.8	19.5	12.5	--	4*M12*1.5	Renault
1DACF4-100/515	512025	27	125	51.5	59	67.9	52	100	69	51.5	15	9	4*M12*1.25	--	NISSAN
1DACF5-100/445	801191(G1)	28	120	42	57	65	52	100	--	44.5	11.5	20	--	4*M12*1.75	VW
1DACF6-98/44	DACF1083CR	30	117	37	57.9	58.9	47	98	--	44.8	16.92	12	--	4*M12*1.25	FIAT
1DACF6-98/44-I	633622-1	30	116	37	58	59	47	98	--	47	16.8	12	--	4*M12*1.25	FIAT
1DACF6-98/44-II	BAFB633807D	30	117	37	57.9	58.9	51.8	98	66.8	44.8	16.92	12	--	4*M12*1.25	FIAT
1DACF6-98/44-III	DACF1083CR-1	30	117	37	57.9	58.9	46.85	98	--	44.8	16.92	11	--	4*M12*1.25	FIAT
1DACF6-98/44-IV	633622	30	117	37	57.9	58.9	51.9	98	--	44.8	16.92	10.5	--	4*M12*1.25	FIAT
1DACF6-98/44-V	633622-2	30	116	37	58	59	46.8	98	--	45	19.5	11.2	--	4*M12*1.25	FIAT
1DACF6-98/44-VI	633622-3	30	116	37	58	59	46.8	98	--	45	19.5	11.2	--	4*M12*1.25	FIAT
1DACF6-100/562	513030	30	122	47	54	55	48	100	65	56.2	19.5	12.5	4*M12*1.5	--	FORD
1DACF6-108/436	IR-8688	32	129	38	65	71	60	108	--	43.6	17	12	--	4*M12*1.25	Renault
2DACF5-100/425	803198A	25	120	37	57	65	52	100	61	42.5	19	10	--	4*M12*1.5	VW
2DACF4-108/42-1	TKR8578	25	128	34	64.9	71	60	108	--	42	16	12.5	4*M12*1.25	--	Peugeot,Citroen
2DACF6-100/545	TKR8569	25	132.5	43	60	65.9	54	100	--	54.5	19.5	11.5	--	4*M12*1.5	--
2DACF8-100/495-II	HUB002	25	134	40	56	61	51	100/93.5	60	49.5	11.5	9	4*M12*1.5	--	HONDA
2DACF7-108/54	TGB12096S41	25	133	43	60	66	54.2	108/105	--	54	13	19.2	--	5*M12*1.5	Renault
2DACF4-100/45	HUB048-35ABS	27	134	40	59	61	50	100	62	45	15	11	4*M12*1.25	--	VW
2DACF4-100/526	HUB184	27	134	50	58.9	68	52	100	64.05	52.5	15	11	4*M12*1.25	--	NISSAN
2DACF4-100/526-I	HUB184ABS	27	134	50	58.9	68	52	100	64.05	52.5	15	11	4*M12*1.25	--	NISSAN
2DACF4-1143/526	IN16HUB184	27	148	50	65.9	67.9	59	114.3	64	52.5	15.5	11.5	4*M12*1.25	--	NISSAN
2DACF4-1143/526-I	IN16HUB184ABS	27	148	50	65.9	67.9	59	114.3	64	52.5	15.5	11.5	4*M12*1.25	--	NISSAN
2DACF4-1143/574	27BWK03	27	148	55	66	68	52	114.3	60	57.4	15.6	11.7	4*M12*1.25	--	NISSAN
2DACF4-100/495	35016	28	120	40	60	--	47	100	63	49.5	6	9	4*M12*1.25	--	长安之星
2DACF4-100/495-I	28BWK15	28	120	40	60	--	47	100	63	49.5	6	9	4*M12*1.25	--	SUZUKI
2DACF4-100/505	57210-25000	28	140	38	54	62.5	47.7	100	70	50.5	14	10	4*M12*1.5	--	HYUNDAI

HUB UNIT

Type Number	Bearing No.	d	F	B	E1	E2	M	G	K	I	H	J	Bolt Size	Hole Dia	Application
2DACF4-100/505-I	57210-25100	28	140	38	54	62.5	47.7	100	70	50.5	14	10	4*M12*1.5	--	HYUNDAI
2DACF4-100/565	DACF1060B	28	125.5	48	56	64	49.7	100	67.3	56.5	14	10	4*M12*1.5	--	Mitsubishi
2DACF5-100/59	512154	28	135.4	47	56.8	57.3	51.3	100	66	59	11.7	7.8	5*M12*1.5	--	CHRYSLER
2DACF5-100/435	BAF00688	28	120	39	57	65	51.9	100	69.5	43.5	10.5	20	4*M12*1.5	--	VW
2DACF5-100/525	512023	28	135.3	40	56.8	57.3	50.2	100	66.5	52.5	10.4	8	5*M12*1.5	--	CHRYSLER
2DACF5-100/575	512167	28	135	48	56.8	57.3	51.3	100	66.5	57.5	10.3	8	5*M12*1.5	--	CHRYSLER
2DACF5-1143/505-I	52710-29XXX	28	139	38	66.9	76	57.7	114.3	66.95	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF5-1143/505-II	52710-29450	28	139	38	66.9	76	57.7	114.3	66.95	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF5-1143/505-III	52710-29671	28	139	38	66.9	76	57.7	114.3	66.95	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF5-1143/505-IV	52710-22400	28	139	38	66.9	90	57.7	114.3	70	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF5-1143/505-V	52710-22500	28	139	38	66.9	90	57.7	114.3	70	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF5-1143/505-VI	52710-29400	28	139	38	66.9	76	57.7	114.3	70	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF6-100/57	28BWK06	28	141	50.5	56	--	47.8	100/88	66.6	57.0	14	10.5	4*M12*1.5	--	CHARADE
2DACF6-100/415	801191E	28	120	39	57	65	51.9	100	66.3	41.5	20	10.6	--	5*M14*1.5	VW
2DACF6-100/415-I	801191AD	28	120	39	57	65	51.9	100	66.3	41.5	20	10.6	--	5*M14*1.5	VW
2DACF6-100/565	28BWK08g	28	125.5	48	56	64	49.7	100	67.3	56.5	14	10	4*M12*1.5	--	Mitsubishi
2DACF6-100/595	HUB254	28	130	40	54	58	48	100	63	59.5	16	10	4*M12*1.25	--	SUZUKI
2DACF6-1143/495	HUB065-15	28	134	40	60	64	51	114.3	63	49.5	18	9	4*M12*1.25	--	SUZUKI
2DACF7-100/495	513050	28	134	40	56	61	51	100	62.5	49.5	11.5	9	4*M12*1.5	--	HONDA
2DACF8-100/495	HUB008	28	134	40	56	61	51	100	62.5	49.5	11.5	9	4*M12*1.5	--	HONDA
2DACF8-100/495-I	HUB008-72	28	134	40	56	61	51	100	62.5	49.5	11.5	9	4*M12*1.5	--	HONDA
2DACF8-935/545-I	28BWK19A	28	134	45	56	61	51	100/93.5	62.5	54.7	11.5	9.5	4*M12*1.25	--	HONDA
2DACF4-97/519	28BWK12	28	--	42	--	--	60.94	97	66	51.9	--	7.7	--	4*Φ10.5	TOYOTA
2DACF4-90/44	DACF1091	30	--	50	66	--	58.3	90	68	44	10	10	--	4*M10*1.25	中泰, Mitsubishi
2DACF4-98/44	BAF0013AD	30	116.5	37	58	59	52	98	70	44	16.8	10	--	4*M12*1.25	FIAT
2DACF4-98/44-I	BAF0013E	30	116.5	37	58	59	52	98	70	44	16.8	10	--	4*M12*1.5	FIAT
2DACF4-99/518	DACF1097	30	--	42	--	--	63	99	72	51.8	--	7.7	--	4*Φ10.5	TOYOTA
2DACF4-99/518-I	30BWK10	30	--	42	--	--	63	99	72	51.8	--	7.7	--	4*Φ10.5	TOYOTA
2DACF4-100/447	800179B	30	120	37	57	65	52	100	69.5	44.7	19	11.3	--	4*M12*1.5	VW
2DACF4-1143/49	HUB042-32	30	148	48	65.9	67.95	52.1	114.3	72	49	15.5	9.1	--	4*M12*1.25	NISSAN
2DACF5-98/45	XTGB40490	30	117	37	58	59	52	98	67	45	10	16.8	--	4*M12*1.25	FLAT
2DACF5-98/448	BE00700	30	116.5	37	58	59	51.8	98	71.2	44.8	17	11	--	4*M12*1.5	FLAT
2DACF6-98/545	TGB40189S04	30	120	52	58	59	53	98	--	54.5	15.5	14.5	--	5*M14*1.5	--
2DACF5-100/425-I	BAF-0095B	30	120	37	56.9	64.9	52	100	69.6	42.5	19	10.8	--	4*M12*1.5	VW

HUB UNIT

Type Number	Bearing No.	d	F	B	E1	E2	M	G	K	I	H	J	Bolt Size	Hole Dia	Application
2DACF5-100/445	BAF4104E	30	120	37	57	65	52	100	69.5	44.5	19	10.5	--	4*M14*1.5	VW
2DACF5-100/447	800179D	30	120	37	57	65	52	100	69.5	44.7	19	11.3	--	5*M14*1.5	VW
2DACF5-100/562	DACF1041	30	122	47	54	55	48	100	65	56.2	13.3	8	4*M12*1.5	--	MAZDA
2DACF5-100/562-I	DACF1041JR	30	122	47	54	55	48	100	65	56.2	13.3	8	4*M12*1.25	--	MAZDA
2DACF5-104/545	JD03	30	134	41	56	61	51	104/100	66	54.5	11.5	8	4*M12*1.5	--	HONDA
2DACF5-108/504	633872	30	130.7	43	65	68	59	108	--	50.4	12.6	13	--	4*M14*1.5	--
2DACF5-1143/49	HUB188-6	30	148	48	65.9	67.95	59	114.3	67	49	17.7	10.5	5*M12*1.25	--	NISSAN
2DACF5-1143/49-I	HUB188-6ABS	30	148	48	65.9	67.95	59	114.3	67	49	17.7	10.5	5*M12*1.5	--	NISSAN
2DACF5-1143/49-II	HUB188-4ABS	30	148	48	65.9	67.95	59	114.3	67	49	17.7	10.5	5*M12*1.5	--	NISSAN
2DACF5-1143/49-III	30BWK06	30	148	48	65.9	67.95	52	114.3	72	49	15.5	12	5*M12*1.5	--	NISSAN
2DACF5-1143/565	HUB280	30	140	50	67	90	59	114.3	68.9	56.5	15.5	9	4*M12*1.5	--	--
2DACF5-1143/565-I	HUB280-1	30	140	50	67	90	59	114.3	68.9	56.5	15.5	9	4*M12*1.5	--	--
2DACF5-1143/565-II	DACF1085	30	140	50	67	90	58.9	114.3	69	56.5	15.5	10	5*M12*1.5	--	Mitsubishi
2DACF5-1143/622	U-100	30	139	55	56.5	57	48	114.3	68	62.2	20	11	4*M12*1.5	--	DAWOO
2DACF6-1143/565	DACF1086	30	140	50	67	90	58.9	114.3	69	56.5	15.5	10	4*M12*1.5	--	--
2DACF6-1143/565-I	BAF-4030B	30	140	50	67	90	58.9	114.3	69	56.5	15.5	10	4*M12*1.5	--	--
2DACF6-1143/565-II	DACF1086-2	30	140	50	67	90	58.9	114.3	69	56.5	15.5	10	4*M12*1.5	--	--
2DACF7-108/548	TGB12933	30	133	46	60	66	54.2	108/105	--	54.8	19.5	12.5	--	5*M14*1.5	Renault
2DACF7-108/548-I	TGB12933S01	30	133	46	60	66	54.2	108/105	73.1	54.8	19.5	12.5	--	5*M14*1.5	FIAT
2DACF8-100/589	HUB227-26	30	139	56	56	61	51	100	66	55.9	11.5	9.3	4*M12*1.5	--	HONDA
2DACF8-100/545-I	HUB006-39	30	136	41	56	60.9	51	100	66	54.5	11.5	8	4*M12*1.5	--	HONDA
2DACF8-1143/553	HUB283-5	30	151.5	59	64	--	58	114.3	65.9	55.27	9.3	12.75	4*M12*1.5	--	HONDA
2DACF10-1143/553	HUB083-15	30	151.5	41	64	--	58	114.3	65.96	55.27	11.55	9.3	4*M12*1.5	--	HONDA
2DACF10-1143/553-I	HUB083-15ABS	30	151.5	41	64	--	58	114.3	65.96	55.27	11.55	9.3	4*M12*1.5	--	HONDA
2DACF10-1143/553-II	HUB181-22	30	151.5	59	64	--	58	114.3	65.96	55.27	9.3	12.75	4*M12*1.5	--	HONDA
2DACF10-1143/554	512179	30	151.8	59	64	--	58	114.3	65.96	55.4	12.5	10	5*M12*1.5	--	HONDA
2DACF4-100/42	DACF1005C	31	120	40	57	66	50.5	100	72.6	42	19	12	--	4*M12*1.5	BMW
2DACF5-100/42	DACF1005CABS	31	120	40	57	66	50.5	100	72.6	42	19	12	--	4*M12*1.5	BMW
2DACF5-108/555	512107	31.76	139	52	63.2	64.3	58	108	74	55.5	16.5	11	5*M12*1.5	--	FORD
2DACF5-108/555-I	512149	31.76	139	52	63.2	64.3	58	108	74	55.5	16.5	11	5*M12*1.5	--	FORD
2DACF4-1143/505	52710-2D115	32	139	45	67	76	57.6	114.3	74	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF5-108/42	TGB12894	32	128	34	64.9	71	60	108	--	42	16	12.5	4*M12*1.25	--	Peugeot,Citroen
2DACF5-108/42-I	TKP8692YJ	32	128	34	64.9	71	60	108	--	42	16	12.5	4*M12*1.25	--	Renault
2DACF5-108/42-II	TGB12894S07	32	128	34	64.9	71	60	108	--	42	16	12.5	4*M12*1.25	--	Peugeot,Citroen

HUB UNIT

Type Number	Bearing No.	d	F	B	E1	E2	M	G	K	I	H	J	Bolt Size	Hole Dia	Application
2DACF5-108/436	TGB40175S05	32	129	38	65	71	60	108	--	43.6	17	12	4*M12*1.5	--	Peugeot,Citroen
2DACF5-108/436-I	IR-8609	32	129	38	65	71	60	108	--	43.6	17	12	4*M12*1.5	--	Peugeot,Citroen
2DACF5-108/436-II	TGB40175S06	32	129	38	65	71	60	108	--	43.6	17	12	4*M12*1.5	--	Peugeot,Citroen
2DACF5-1143/505	52710-2D000	32	139	45	67	76	57.6	114.3	74	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF5-1143/505-IX	52710-2D100	32	139	42	67	76	57.6	114.3	74	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF6-108/42	BAF0066C	32	128	38	65	71	60	108	78	42	17	11	4*M12*1.5	--	Peugeot
2DACF6-108/42-I	IR-8606	32	128	38	65	71	60	108	76	42	17	13	--	5*M12*1.25	--
2DACF6-112/485	803755AA	32	131	46	68	57	51.8	112	74	48.5	20.5	11	--	5*M14*1.5	--
2DACF5-1143/59	BAF4048C	33	140	51	67	72	60	114.3	73	59	14.5	11	4*M12*1.5	--	NISSAN
2DACF6-1143/59	BAF4074D	33	140	51	67	72	60	114.3	--	59	14.5	10	4*M12*1.5	--	VOLVO
2DACF7-1145/59	HUB066-52	33	139.5	51	67	71.95	60	114.5	70.95	59	14.5	6.0	--	4*M12*1.5	MAZDA
2DACF7-1145/59-I	HUB066-53	33	139.5	51	67	71.95	60	114.5	70.95	59	14.5	6	--	4*M12*1.5	MAZDA
2DACF8-1143/647	DACF1034AR-2	33	140.1	47	67	90	58.67	114.35	71.12	64.74	13.92	9.2	4*M12*1.5	--	Mitsubishi
2DACF4-100/495-II	HUC0540	34	140	37	61	--	52	100	--	49.5	18	12	--	4*M12*1.5	HONDA
2DACF5-1143/59-I	HUB207	34	140	53	66	68	56	114.3	73	59	17.5	10.5	5*M12*1.5	4*M14*1.25	--
2DACF5-1143/505-VII	52710-34501	34	139	42	67	90	57.6	114.3	74	50.5	14	9	4*M12*1.5	--	HYUNDAI
2DACF10-1143/62	HUB249	34	146.5	58	64	64	58	114.3	72.90	62	13	10.5	4*M12*1.5	--	HONDA
2DACF5-1143/477	513115	34.5	139	51.5	70.5	71	58	114.3	80	47.7	18	10	5*1/2"-20UNF	--	FORD
2DACF4-108/52	512024	35	136	42	63.2	63.5	56.4	108	74	52	18	10.5	4*M12*1.5	--	FORD
2DACF4-108/52-I	29040405	35	136	43	63.2	63.5	56.4	108	75	52	20.5	10.5	4*M12*1.5	--	--
2DACF4-108/52-II	29040404	35	136	43	63.2	63.5	56.4	108	75	52	20.5	10.5	4*M12*1.5	--	--
2DACF5-108/49	DACF1023D	35	137	45	65	68	53.3	108	75	49	20.5	12	4*M12*1.5	--	VOLVO
2DACF5-108/491	BAF0026	35	135.8	45	65	68	53.3	108	75	49.1	19.3	12	5*M12*1.5	--	--
2DACF6-110/49	DACF1018L	35	137	45	65	70	57	110	76	49	25	12	--	5*M12*1.5	OPEL
2DACF5-114/59	36BWK02	36	140	62	67	72	60	114	78	59	18.7	10	4*M12*1.5	--	MAZDA
2DACF5-1143/52	DAF20023	37	151	52	70.5	71.6	64	114.3	78	52	21	10	5*1/2"-20UNF	--	FORD
2DACF6-104/45	576681EA	37	139	45	72.5	79	66	120/104	79	45	19.3	12	--	5*M12*1.5	BMW
2DACF6-120/45	DACF1033K	37	139	45	72.5	79	65.9	120	79	45	19	11	--	5*M12*1.5	BMW
2DACF6-120/45-I	DACF1033K-1	37	139	45	72.5	79	65.9	120	79	45	19	11	--	5*M12*1.5	BMW
2DACF6-120/45-II	DACF1033K-2	37	139	45	72.5	79	65.9	120	79	45	19	11	--	5*M12*1.5	BMW
2DACF4-106/43	DACF1092	40	--	43	84	--	--	106	--	26.6	16.4	10	--	4*M12*1.25	中华, Mitsubishi
2DACF4-102/275	HUB081-44	43	--	44	79.9	82.8	--	102	--	26	16.5	14.5	4*M12*1.5	--	HONDA
2DACF4-110/45	HUB030-22	43	--	56	83.8	84	--	110	81.1	45	11	15	--	4*M12*1.25	NISSAN
2DACF3-120/295	29030409	45	--	51	87	100	--	120	--	29.5	21.5	13.5	--	3*M12*1.75	--
2DACF4-105/55	HUB132	45	--	49	83.8	85.8	--	105	--	--	--	--	--	4*M10*1.25	HONDA
2DACF4-106/372	580494C	45	--	41	90	--	--	106	88	37.2	3.8	10.5	--	M10*1.0	BMW
2DACF4-112/355	51KNH01	51	--	55	86.8	87	--	112	--	35.5	19.5	16	--	4*M12*1.25	Mitsubishi

HUB UNIT

Type Number	Bearing Number	A	B	C	D	E	F	G	(Qty)		J	K	S	
									H	I				
1DACF11-985/443	513017K	125.4	100	58.32	57.02	73.4	44.3	98.5	--	5*M12*1.5	3*Φ12.7	33	Z	I
1DACF4-112/372	513075	126	100	60.7	56.7	87	37.3	112	--	5*M12*1.5	4*M10*1.5	26	Z	II
1DACF9-103/37	BARB243823AD	130.5	108	68	65	81	37	103	4*M14*1.5	--	4*M12*1.5	26	Z	V
1DACF8-103/43	574566C	135.5	108	68	65	83.5	43	103	5*M12*1.75	--	4*M12*1.75	26	Z	II
1DACF4-112/375	513074	139	114.3	72.8	71.2	86.8	37.7	112	--	5*M12*1.5	4*M10*1.5	26	Z	II
1DACF7-112/362	513100	139	108	70.92	63.1	85.44	36.2	112	--	5*M12*1.5	3*M12*1.75	26	Z	I
1DACF9-112/375	513123	139.3	114.3	73.25	71.32	87	37.5	112	--	5*M12*1.5	4*M10*1.5	26	Z	II
1DACF8-108/48	513156	140.3	114.3	71.8	71.3	86	48	108	--	5*M12*1.5	4*M12*1.5	--	Z	V
1DACF9-1143/406	513157	142.8	114.3	67	57	84	40.5	--	--	4*M12*1.5	4*M12*1.25	25	Y	IV
1DACF11-1207/472	513061	144.5	120.65	70.63	71.14	91.95	47.24	120.65	--	5*M12*1.5	4*M12*1.75	27	Z	I
1DACF11-1461/448	513044	144.5	115	70.61	70.1	91.06	44.65	146.05	--	5*M12*1.5	4*M12*1.5	33	Z	V
1DACF3-116/418	513016K	146	115	70.63	70.15	89.95	41.78	116	--	5*M12*1.5	3*Φ12.7	27	Z	I
1DACF11-116/421	513089	146	114.3	73.3	71.4	91.3	42.1	116	--	5*M12*1.5	3*M12*1.75	33	Z	I
1DACF8-1207/483	513158	153.5	114.3	72	71.4	100	48.3	120.65	--	5*1/2"-20UNF	3*M12*1.75	27	Z	I
1DACF3-1207/541	513084	154	114.3	72	71.4	100	54	120.65	--	5*1/2"-20UNF	3*M12*1.75	27	Z	I
1DACF9-120/536	515007	160.6	114.3	73.2	71.34	88.9	53.6	120	--	5*1/2"-20UNF	3*M14*1.5	31	X	I
1DACF8-126/508	515006	172.8	139.7	78.1	77.56	99.3	50.75	1265	--	5*1/2"-20UNF	3*M14*1.5	31	X	I
1DACF11-126/565	515001	182	139.7	78.3	77.6	99.3	56.5	126	--	6*M14*1.5	3*Φ14.7	33	X	I
2DACF9-104/39	BAR0049A	119	100	56.5	60	85	39	104	4*M12*1.5	--	3*M12*1.5	33	Z	I
2DACF5-95/702	801344A	131	112	68	57	--	70.15	95	5*M14*1.5	--	5*Φ10.8	--	Z	V
2DACF10-112/48	BAR-0088	137	112	65	57	85	48	--	5*M14*1.5	--	4*M12*1.5	36	Z	V
2DACF8-1207/56	515014	149.5	114.3	72	70.5	100	56	120.65	--	5*1/2"-20UNF	3*M12*1.75	27	Z	I
2DACF8-1207/56-I	515026	149.5	114.3	72	70.5	100	56	120.65	--	5*1/2"-20UNF	3*M12*1.75	--	Y	I
3DACF8-102/42	513011K	125.4	100	57.73	57.02	70.99	41.96	102	--	5*M12*1.5	3*Φ13	33	Z	I
3DACF9-112/375-I	513122	126	100	56.8	60.8	87	37.5	112	--	5*M12*1.5	4*M10*1.5	26	Z	II
3DACF13-108/48	512155	126.3	100	56.84	57.34	86	48	108	--	5*M12*1.5	4*M12*1.5	--	Z	V
3DACF8-100/545	3DACF026-1	135	100	54.95	53.92	73.9	54.5	--	--	4*M10*1.25	4*M12*1.5	--	Z	V
3DACF9-103/43	5745663	135.5	108	68	65	83.5	43	103	4*M12*1.75	--	4*M12*1.75	26	Z	II

HUB UNIT

Type Number	Bearing Number	A	B	C	D	E	F	G	(Qty)	(Qty)	(Qty)	J	K	S
									H	I				
3DACF7-86/538	BAR-0051	133.5	112	58	57	67.9	53.8	86	3*M12*1.5	--	4*M10*1.5	24	Z	II
3DACF10-112/59	9173872	135.6	108	67.9	65	87.5	59	112	5*M14*1.5	--	4*M12*1.75	--	Z	VI
3DACF10-112/58-I	274298	135.6	108	67.9	65	87.5	59	112	5*M14*1.5	--	4*M12*1.75	36	Z	IV
3DACF10-84/78	BAR0029C	136	100	57	56.5	60	78	84	4*M12*1.5	--	4*M10*1.25	--	Z	VI
3DACF9-90/59	DACF1091-5ABS	139	114.3	90	67	66	59	90	--	5*M12*1.5	4*M10*1.25	--	Y	V
3DACF10-106/511	801106	139	120	79	74	90	51.1	106	5*M12*1.5	--	4*M12*1.5	--	Z	VI
3DACF7-114/37	96292254	139.5	114.3	60	56.5	91.2	37	114	--	4*M12*1.5	3*M12*1.5	--	Z	I
3DACF10-86/63	96328247	139.2	114.3	60	56.5	66	63	86	--	4*M12*1.5	4*M10*1.25	--	Z	IV
3DACF10-97/747	512018	140	100	55	54	--	74.7	97	--	4*M12*1.5	4*Φ10.5	--	Y	IV
3DACF13-108/48-I	512156	140.3	114.3	71.8	71.3	86.08	48	108	--	5*M12*1.5	4*M12*1.5	--	Z	V
3DACF10-114/405	MR455003	142.8	114.3	67	57	84	40.5	--	--	5*M12*1.5	4*M12*1.25	25	Y	IV
3DACF9-107/69	HUB231	148	114.3	68	66	84	69	107	--	5*M12*1.25	4*M12*1.25	--	Z	V
3DACF11-99/75	30BWK16	151.8	114.3	62	60	--	75	99	5*M12*1.5	--	4*Φ10.5	--	Y	V
3DACF8-1207/54	513159	164	114.3	71.8	71.40	100	54	120.65	--	5*1/2-20UNF	3*M12*1.75	27	Z	I
3DACF10-140/375	50KNH01	169	140	94	67	86	37.5	--	--	6*M12*1.5	4*M12*1.25	30	--	VI

PICTURES OF HUB UNIT

HUB005-39 2DACF8-100/545-I 	IR8688 1DACF6-108/436 	OB10058 2DACF4-98/43 	TGB12894 2DACF5-108/42 	633622 1DACF6-98/44-IV 
633622-1 1DACF6-98/44-I 	801191E 2DACF6-100/415 	801344D 2DACF5-95/702 	96292254 3DACF7-114/37 	35016 2DACF4-100/495 
52710-29XXX 2DACF5-1143/505-I 	27BWK03 2DACF4-1143/574 	28BWK08g 2DACF6-100/565 	28BWK12 2DACF4-97/519 	513016 1DACF3-116/418 
100104 3DACF10-85/52 	512023 2DACF5-100/525 	512149 2DACF5-108/555-I 	513030 1DACF6-100/562 	513074 1DACF4-112/375 
513084 1DACF3-1207/541 	513089 1DACF11-116/421 	513115 2DACF5-1143/427 	578413 2DACF6-120/45 	2DUF053NU 2DACF5-114/553 

PICTURES OF HUB UNIT

513011K 3DACF8-102/42	513016K 1DACF3-116/418	513017K 1DACF11-985/443	52710-29400 2DACF5-1143/505-VI	52710-2D115 2DACF4-1143/505	
57210-25100 2DACF4-100/505-I	57210-25000 2DACF4-100/505	DACF1085 2DACF5-1143/565-II	HUB048-35ABS 2DACF4-100/45	30BWK16 3DACF11-99/75	
BTF1125B 2DACF5-975/40	DACF1091 2DACF4-90/44	800179B 2DACF4-100/447	DACF1083CR-1 1DACF6-98/44-III	DACF1083CR 1DACF6-98/449	
DACF1050B 2DACF4-100/565	DACF1041JR 2DACFA-100/562-I	DACF1033K-2 2DACF6-120/45-II	DACF1033K-1 2DACF6-120/45-I	DACF1033K 2DACF6-120/45	
BAF0013AD 2DACF4-98/44	BAF0095 2DACF5-100/425-I	BAF4104E 2DACF5-100/445	DACF0087 2DACF5-116/415	DACF1005C 2DACF4-100/42	DACF1018L 2DACF6-110/49

BELT DRIVE SYSTEM



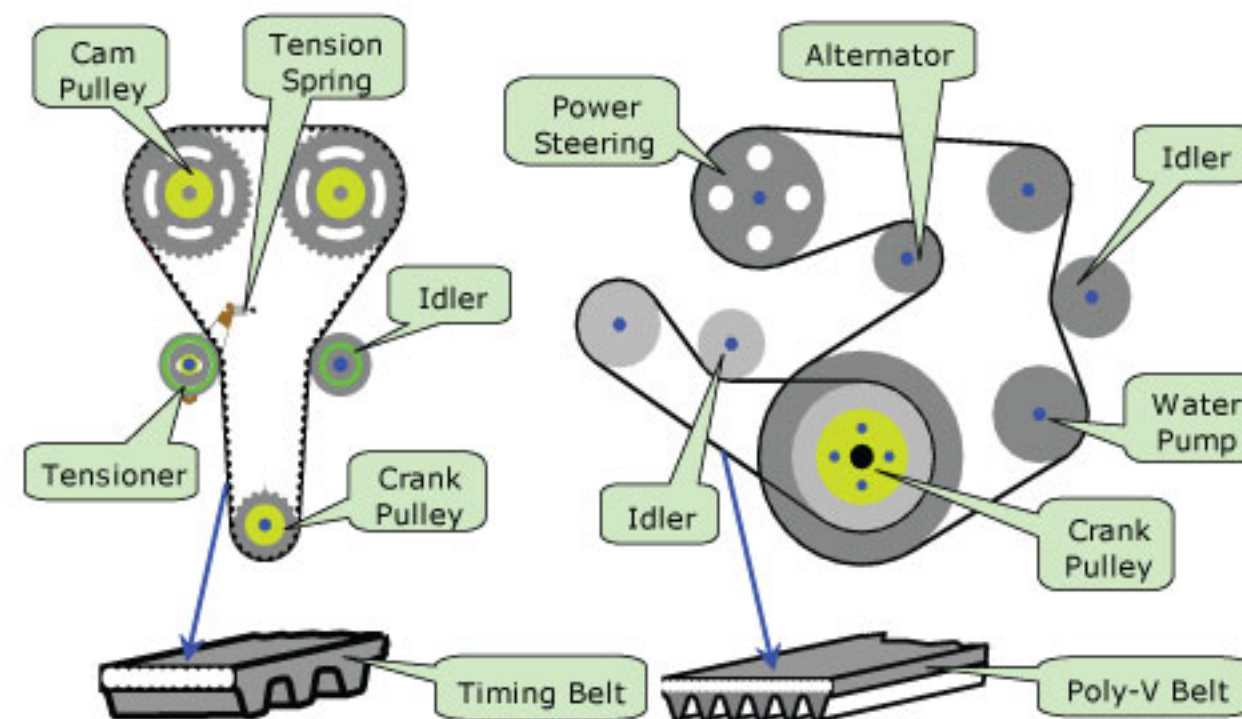
An automobile consists of two different Belt Drive Systems as follow.

< TIMING SYSTEM >

It controls correct up-down point of time of piston and valve connecting with crank pulley and cam pulley with timing(teethed profile) belt. That is, it makes continuous of 4 stroke cycle engine as controlling piston movement and valve opening/shutting timing.

< ACCESSORY SYSTEM >

It supply driving force to accessory device which aids for driving i.e. alternator, water pump, air-conditioner, power-steering, fuel-pump, etc. It needs not correct timing so it uses poly v-belt.

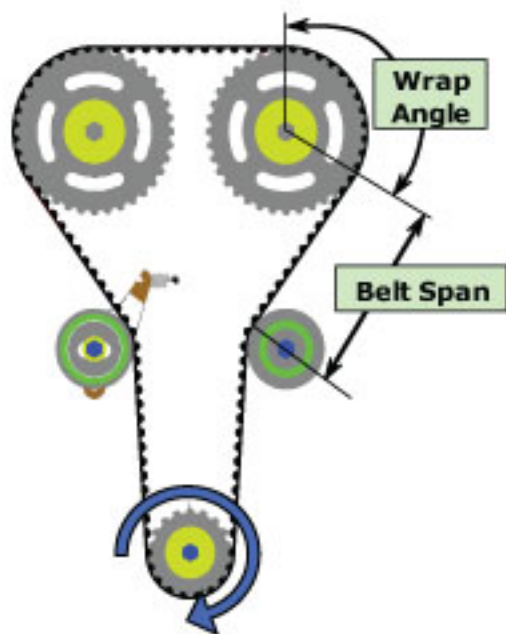


TIMING SYSTEM

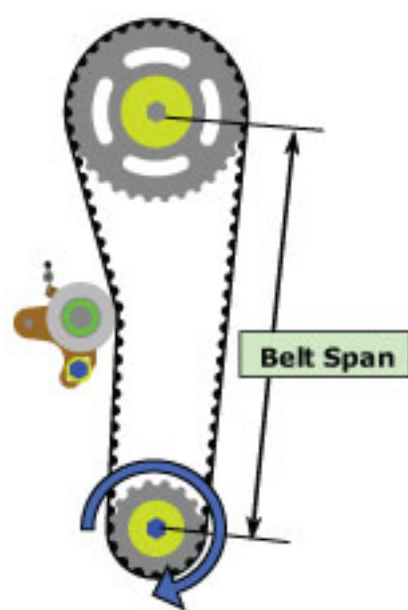
ACCESSORY SYSTEM

TENSIONER & IDLER FUNCTION

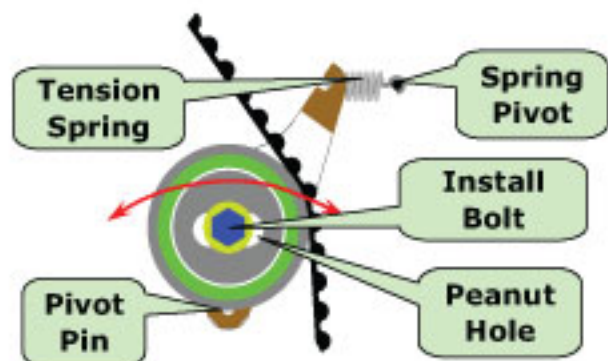
DOHC-ENG



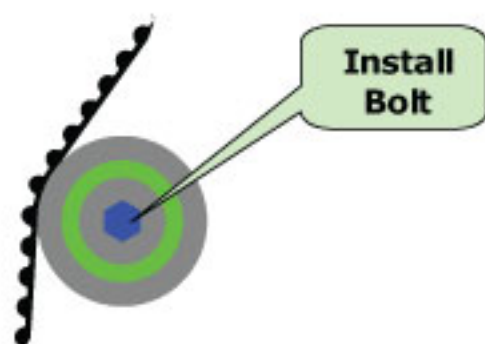
SOHC-ENG



TENSIONER



IDLER



Tensioner Function

It is rotated with a peanut hole as the central figure;

1. Easy install of timing belt
2. Set up initial belt tension with tension spring force
3. It keep up belt tension after installing on engine
4. Reduce belt span vibration as supporting belt

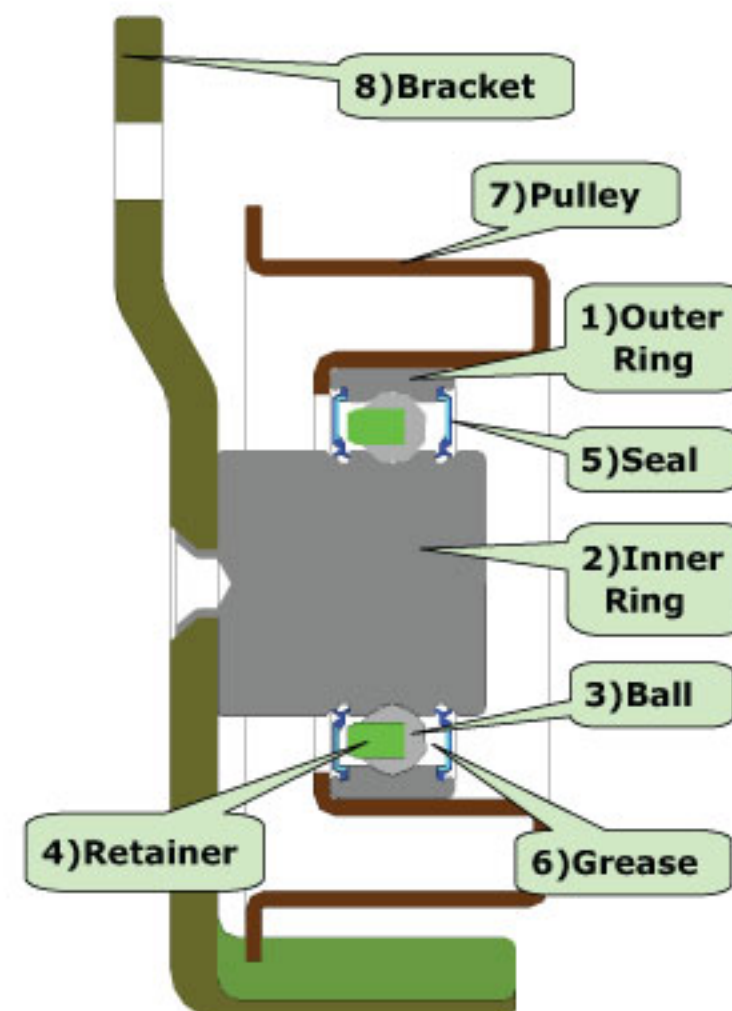
Idler Function

Most of case, It locates tight (right) side;

1. Increase belt wrap angle of cam pulley and crank pulley.
2. Reduce belt span vibration as supporting belt
3. It keep up belt tension after installing on engine Idler could be added or removed according to engine layout

TENSIONER/IDLER COMPONENTS & EACH FUNCTION

Basically parts of tensioner and idler are outer ring, inner ring, ball, retainer, grease, seal but sometimes bracket and pulley is added according to engine install condition, rotation speed and load condition.



1) Outer ring

It is rotated by belt rotation and provide raceway which is rolling surface of balls.

2) Inner Ring

It support to belt as installing on engine and provide raceway which is rolling surface of balls.

3) Ball

It rotates between inner and outer ring and minimize the friction force which is occurred by ball rolling movement.

4) Retainer

It separates balls with equal distance.

5) Seal

It prevents grease leakage and inflow of dirt. In case of tensioner/ idler, normally uses double or triple lips to improve its function.

6) Grease

It has close relationship with tensioner/idler durability. Grease must be chosen considering using condition. (temperature, speed, load, etc.).

7) Pulley

It guides the belt as installing in outer ring. There is two kinds of pulley materials, one is steel (press process, turning process) the other is plastic injection. Especially plastic injection pulley must be used high % of glass fiber material for thermal stability and strength.

8) Bracket

It is installed into inner ring and makes easy tensioning.

TENSIONER/IDLER USING CONDITION

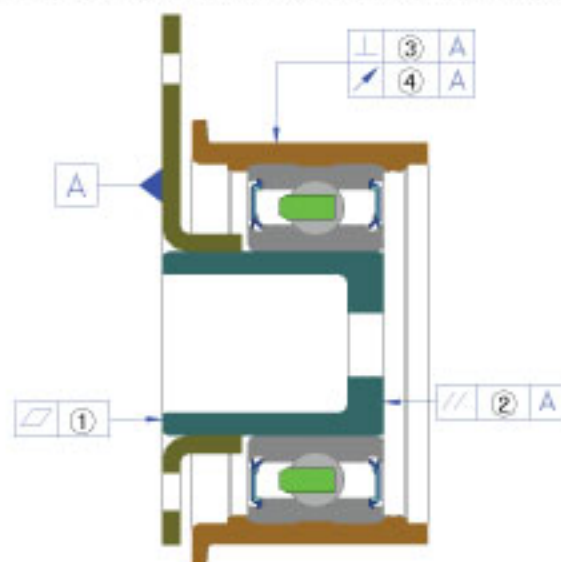


- ☞ **Speed**
→ **Idle 800RPM ~ Max. 10000RPM**
- ☞ **Temperature**
→ **-20℃ ~ 130℃**
- ☞ **Load**
→ **Max. 100kgf**
- ☞ **Vibration @Engine**

Tensioner/idler is one of the important components of engine. So it must be guaranteed durability life under severe using condition and eliminated such as noise, driver's dissatisfaction things.

TENSIONER/IDLER IMPORTANT CONTROL POINTS

There are important inspection points for the best function of tensioner/idler on engine.



1) Tolerance

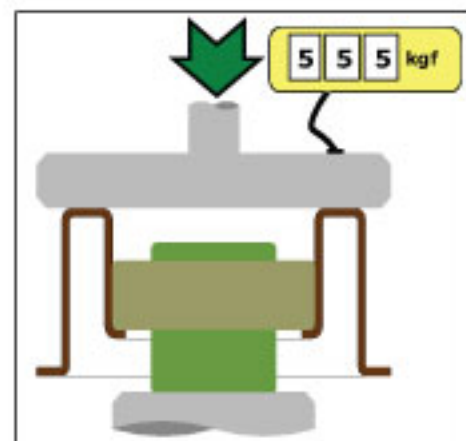
- ① Flatness of install surface onto the engine
- ② Parallelism of Bolting surface from datum -A-
- ③ Perpendicular of ulley outer side from datum -A-
- ④ Runout of pulley outer side from datum -A-

2) Clearance

The optimum clearance condition must be needed setting up and control considering many variable conditions. (temperature range of engine, engine rpm, belt tension, clearance reduction due to press fit process)

3) Push out force

Tensioner/idler must be maintained structural stability during engine running. Especially vibration condition. So push out force must be checked when setting up press fit process. At the same time, strict inspection of parts dimension and process control are also needed.



TENSIONER & IDLER BEARING

SKF	KOYO	NTN	NSK	GMB	IRB	INA	O.E.M		
VKM11000	636072	JPU42-003B-2	50TB0101	GT10010	IR-9001	F-110590.1	807.02	090670913P	23357-32040
VKM11001	53100471	JPU42-17 +JF417	50TB0112B01	GT10022	IR-9002	F-110591.1	818.21	1257120-4	23357-32050
VKM11003	53200852	JPU42-18	50TB0511B03	GT10030	IR-9003	F-110628.3	829.1	12810-53A00	23357-33120
VKM11005	53201120	JPU42-39	50TB0524B03	GT10031	IR-9004	F-120182	829.11	12810-53B00	23357-33130
VKM11008	53201520	JPU50-003A	50TB0529B01	GT10032	IR-9005	F-120475.12	829.12	12810-53B01	23357-42000
VKM11010	531000110	JPU50-004A	52TB0514B01	GT10040	IR-9006	F-120562	829.17	12810-71C00	23357-42010
VKM11020	531000510	JPU50-32	52TB0529B01	GT10050	IR-9007	F-120726	829.19	12810-71C01	23357-42020
VKM11115	531000610	JPU50-57+JF398	52TB0536B01	GT10060	IR-9008	F-120959.1	829.2	12810-71C02	24310-32010
VKM11142	531001120	JPU50-6 +JF265	52TB0537B01	GT10061	IR-9009	F-120962.7	829.22	12810-73001	24317-42000
VKM11200	531001420	JPU50-66	52TB0539B01	GT10070	IR-9010	F-121287	829.29	12810-73002	24317-42010
VKM12005	531006310	JPU50-69	52TB057B01	GT10071	IR-9011	F-121792	829.32	12810-73003	24317-42020
VKM12101	531007110	JPU50-80 +JF513	52TB057B02	GT10072	IR-9012	F-121793	829.35	12810-82000	24317-42030
VKM12151	531007810	JPU51-15	52TB059B02	GT10080	IR-9013	F-122051	829.49	12810-82001	24410-21010
VKM12153	531007910	JPU52-111+JF434	52TB068B01	GT10100	IR-9017	F-122124	829.51	12810-82002	24410-21014
VKM12174	531008220	JPU52-118	52TB2802 B02	GT10101	IR-9018	F-122216.3	829.54	12810-82003	24410-22000
VKM12200	531008420	JPU52-128 +JF434	54TB0604STDW158	GT10111	IR-9019	F-122216.3	829.56	12810-84000	24410-22020
VKM12215	531008910	JPU52-131	55TB052B01	GT10130	IR-9023	F-122332	830.11	12810-84001	24410-23011
VKM12227	531009010	JPU52-138	55TB067B02A	GT10140	IR-9024	F-122574	830.14	12810-86500	24410-26000
VKM12380	531009210	JPU52-157	56ST52ADWA18	GT10150	IR-9027	F-122576	830.2	12810-86501	24410-32000
VKM12700	531011420	JPU52-159	56TB0501B01	GT10160	IR-9028	F-122662	830.32	13050-55020	24410-32010
VKM13100	531012210	JPU52-52+JF326	56TB0503B01	GT10170	IR-9030	F-122868	830.37	13070-06E00	24410-32020
VKM13120	531013320	JPU52-9+JF119	56TB0602B02	GT10240	IR-9031	F-122980	55923	13070-06E10	24410-32553
VKM13130	531014120	JPU52-9+JF210	57STD62DWA	GT20010	IR-9031	F-123132	57323	13070-16A00	24410-33020
VKM13200	531014520	JPU55-002B-1	57TB015B01	GT20020	IR-9036	F-123142	57325	13070-16A01	24410-35010
VKM13201	531014920	JPU55-48+JF429	57TB0505 B01	GT20030	IR-9038	F-123149	445545	13070-16A02	24410-35020
VKM13202	531015420	JPU55-54	57TB0607B01	GT20040	IR-9039	F-123150	636383	13070-16A03	24450-32551
VKM13210	531016420	JPU57-001A-23	57TB0609B01	GT20050	IR-9040	F-123154.3	636415	13070-16A10	24450-33010
VKM13220	531017420	JPU57-35+JF385	57TB3701	GT20060	IR-9043	F-123259	636416	13070-16A11	24450-33021
VKM13240	531017520	JPU57-65+JF574	57TB3705B01	GT20100	IR-9044	F-123368.1	636424	13070-16D01	24450-37100
VKM13241	531017620	JPU57-96	59TB0501A	GT20110	IR-9046	F-123369	636747	13070-16D11	24810-23011
VKM13244	531017820	JPU58-010A-1	60ST624 DDWAX	GT20130	IR-9047	F-123623	815971	13070-2J600	24810-33021
VKM13300	531017920	JPU58-015A-3	60ST624DDWAX	GT20140	IR-9052	F-123629	963526	13070-42L00	24810-33024
VKM14000	531018020	JPU58-1+JF181	60ST626 DDWA16	GT20150	IR-9054	F-123633	1006823	13070-57J00	3287776-3
VKM14100	531018120	JPU58-54+JF545	60TB0051B01	GT20160	IR-9055	F-123637	1053942	13070-57J01	3342143-9
VKM14103	531018320	JPU58-55	60TB021B05	GT30010	IR-9057	F-123638	1103598	13070-57J10	3343740-1
VKM14200	531018420	JPU58-58	60TB026B02	GT352.02	IR-9059	F-123648	1496915	13070-AA000	3343741-9
VKM14201	531018520	JPU58-63 +JF181	60TB0315B01	GT358.29	IR-9064	F-123654	3321435	13070-AA001	3531279-2
VKM14301	531018620	JPU60-124+JF183	60TB0326B01	GT359.15	IR-9069	F-123655	3342143	13070-AA002	3547543-3
VKM16000	531018720	JPU60-129+JF337	60TB039B01	GT40010	IR-9070	F-123656	3343740	13070-D0100	41045-5400

TENSIONER & IDLER BEARING

SKF	KOYO	NTN	NSK	GMB	IRB	INA	O.E.M		
VKM16001	531018820	JPU60-2+JF272	60TB039B09	GT50010	IR-9071	F-123657	3531279	13070-F6200	41045-5600
VKM16101	531019020	JPU60-2+JF34	60TB039B09	GT50030	IR-9072	F-123665	3546543	13070-F6512	463633-8
VKM16200	531020120	JPU60-209+JF261	60TB041B02	GT80010	IR-9073	F-123666	4273241	13070-KA010	5-12539-013-2
VKM16204	531020510	JPU60-215	60TB041B02	GT80020	IR-9079	F-12376	4293984	13070-KA020	70HM6K254A2D
VKM16210	531021920	JPU60-216+JF391	60TB041B07	GT80030	IR-9081	F-123776	4294287	13070-V5001	70HM6K254AD
VKM16212	531023320	JPU60-238+JF441	60TB041B12	GT80040	IR-9081	F-123803	4294325	13070-V7200	844F6K254A1A
VKM16300	531024310	JPU60-242	60TB042B02	GT80050	IR-9084	F-123805	4740846	13070-V7201	844F6K254AA
VKM16410	531025430	JPU60-243	60TB046B01	GT80080	IR-9085	F-123809	4740847	13071-AA001	84SM6K254CA
VKM16602	531025530	JPU60-257	60TB048B01	GT80070	IR-9086	F-123810	4777296	13071-AA002	8-94123-972-0
VKM17200	532000210	JPU60-260+JF397	60TB0501	GT80080	IR-9088	F-123811	5203469	13073-AA081	8-94215-197-0
VKM17310	532000411	JPU60-283+JF485	60TB0602	GT80090	IR-9092	F-123816	5636415	13073-AA082	8-94215-197-1
VKM18000	532000520	JPU60-288	60TB0612B01	GT80100	IR-9113	F-123880.2	5636418	13073-AA140	8-94220-900-1
VKM18001	532003410	JPU60-312+465	60TB0618B01	GT80110	IR-9115	F-123958	5636419	13073-AA142	8-94220-900-2
VKM18100	532003910	JPU60-385	60TB062B01	GT80130	IR-9121	F-123996	5636422	13073-AA180	8-94220-901-1
VKM18200	532004010	JPU60-39+206	60TB062B03	GT80140	IR-9133	F-123997	5636425	13074-05E11	8-94382-214-0
VKM21031	532004120	JPU60-70	60TB0637	GT80150	IR-9188	F-124040	5636427	13074-16A00	8-94382-215-0
VKM21032	532005210	JPU60-71+JF129	60TB0648E	GT80160	IR-9190	F-124048	5636501	13077-05E00	8-94386-448-3
VKM21045	532005610	JPU60-71+JF219	60TB0652	GT80170	IR-9191	F-124049	5966109	13077-35F00	8-94433-820-0
VKM21062	532006410	JPU60-85	60TB0662	GT80180	IR-9805	F-124050	5972277	13077-45V00	8-94433-821-0
VKM21120	532007220	JPU65-15	60TB0663	GT80190	IR-9806	F-124051	5997325	13077-54A00	8-94472-349-0
VKM21121	532007510	JPU657-14+JF324	60TB0666	GT80200	IR-9807	F-124052	5997326	13077-54A01	8-94472-349-1
VKM21130	532007720	NEP51-002B-6	60TB0732	GT80220	IR-9807	F-124053	6089286	13077-D4200	89FF6K254CB
VKM22151	532007820	NEP52-019A-1P	60TB076B01	GT80230	IR-9809	F-124063	6121751	13077-F6511	89FF6K254DC
VKM22173	532008010	NEP57.6-002B-1P	62TB0103	GT80250	IR-9811	F-124064	6121753	13085-AA010	9135036-1
VKM22174	532008120	NEP57-013A-1P	62TB0106B01	GT80260	IR-9812	F-124065	6121754	1326284-5	9135036-2
VKM22242	532008420	NEP62-008B-1P	62TB026B02	GT80270	IR-9813	F-124066	6131141	13404-P13-003	9135036-3
VKM22380	532009020	NEP62-011A-1P	62TB0506B04	GT80280	IR-9816	F-124068	6145028	13404-PRO-004	9135555-2
VKM23120	532009120	PBT-8269	62TB0507B02	GT80290	IR-9817	F-124069	6177883	13404-PT0-003	9135556-0
VKM23130	532009220	T-020017	62TB0520B01	GT80290	IR-9818	F-124071	6177884	13404-PT0-004	9135937-2
VKM23240	532009420	X3-JPU60-27	62TB0612B04	GT80300	IR-9819	F-124073	6182891	13503-10010	9135946-3
VKM23241	532009520		62TB0708B03	GT80310	IR-9820	F-124074	6404482	13503-10011	9146258-0
VKM23244	532009620		62TB0710B01	GT80320	IR-9821	F-124075	6492482	13503-10021	9146377-8
VKM23300	532009720		62TB0813B01	GT80330	IR-9822	F-124087	6635942	13503-11030	928M6M250BC
VKM24100	532009820		62TB0804B03	GT80340	IR-9835	F-124090	6744307	13503-11040	928M-6M250C
VKM24107	532010710		633632B	GT80360	IR-9836	F-124091	6842125	13503-50010	928M-6M250DC
VKM24210	532011320		65TB081B01	GT80370	IR-9837	F-124092	7053802	13503-50011	928M-6M250C
VKM24211	532011420		67TB0305B01	GT80380	IR-9839	F-124197	7301662	13503-54010	96WF19A216AC
VKM24212	532011720		67TB0305B01	GT80390	IR-9842	F-127010	7541718	13503-54020	96222692-3
VKM24214	532011820		67TB0806	GT80400	IR-9854	F-1340514	7563564	13503-54030	96FF6K254DA

TENSIONER & IDLER BEARING

SKF	KOYO	NTN	NSK	GMB	IRB	INA	O.E.M		
VKM25150	532012120		70TB0603	GT80410	IR-9856	F-140054	7563565	13503-54040	96FF6K254DB
VKM25208	532012520		70TB0615	GT80430	IR-9858	F-140054	7596728	13503-62010	978M6M250AA
VKM25208	532012710		70TB0808B01	GT80440	IR-9859	F-140055	7596877	13503-62030	978M6M250BB
VKM25210	532014210		84TB0101	GT80450	IR-9862	F-140056	7763644	13503-62031	98MF6A228TB
VKM25212	532014910		STD WAX5	GT80470	IR-9863	F-140057.1	7778565	13503-63010	AA10012700
VKM25213	532016710			GT80480	IR-9865	F-140064.1	7782192	13503-63011	ADJ7611
VKM25500	532019420			GT80500	IR-9866	F-140079.1	9041273	13503-63020	AM0112500
VKM26100	532023810			GT80510	IR-9867	F-140221	9128738	13503-63021	B630-12-700A
VKM26101	337042AA			GT80520	IR-9870	F-140222	9128740	13503-64010	B630-12-700B
VKM26101	575477AC			GT80540	IR-9874	F-140222	9135036	13503-64011	B630-12-700C
VKM26102	60TB041B12			GT80640	IR9878	F-140223	9135555	13503-64020	B630-12-700D
VKM26125	62ST75DWA17			GT80700	IR-9881	F-140223	9135556	13503-64021	B630-12-700E
VKM26211	630676D			GT80710	IR-9882	F-140564	9135699	13503-65010	B660-12-700A
VKM26402	DDG30802RD 1HC25+SV1			GT80730	IR-9887	F-142038	9135846	13503-70020	B660-12-700B
VKM26500	DG2550272 RR1HC2+SV			GT80750	IR-9890	F-144058	9146258	13503-70021	B660-12-700C
VKM26501	DG6060312 RD2HC2			GT80840	IR-9896	F-202141.2	9146377	13503-70040	B660-12-700D
VKM26600	JPU50-003A-1			GT90000	IR-9902	F-202858	9609889	13503-70060	B660-12-700E
VKM26610	JPU50-66				IR-9905	F-203093	10116242	13503-70061	B660-12-730
VKM26612	JPU50-69				IR-9916	F-203132.4	26108243	13503-88360	B660-12-730A
VKM27120	JPU60-288				IR-9927	F-203132.4	3085692	13503-88361	B660-12-730B
VKM28000	JPU60-85				IR-9936	F-203132.5	3085693	13503-88380	B660-12-730C
VKM28001	PU005238RDAY				IR-9943	F-203669	33421025	13505-01010	CAM 9135
VKM32010	PU006028RR9DY				IR-9951	F-207109.2	33421435	13505-01011	CDJ1430
VKM33002	PU006038 ?RD1Y				IR-9957	F-210045	35477157	13505-02003	DBP9290
VKM33017	PU0277027B				IR-9971	F-211941.4	37012500	13505-02020	DBP9291
VKM54002	PU05226RDAY				IR-9973	F-212600.4	46400054	13505-02030	E5EE6K205A
VKM70001	PU105015ARRIH				IR-9975	F-212600.7	48108243	13505-10010	E5EE6K254A
VKM71000	PU106719				IR-9981	F-212600.9	60561614	13505-11011	F-5F26K254AA
VKM71001	PU106018 BRR9D				IR-9982	F-212962.6	60561649	13505-11020	F801-12-700
VKM71002	PU106218 FRR10				IR-9983	F-2129731	60800148	13505-11030	F801-12-700B
VKM71003	PU115017RVA				IR-9986	F-2176881	60806833	13505-11040	F801-12-700C
VKM71007	PU115019RVA				IR-9987	F-218107.4	60806893	13505-11050	F802-12-700
VKM71010	PU126231R R9D				IR-9988	F-218108.4	60810641	13505-15020	F805-12-700
VKM71012	PU128424RR9DW				IR-9989	F-218108.5	60810644	13505-15031	F805-12-700A
VKM71014	PU204227RTA				IR-9990	F-218740.1	60811488	13505-15040	F805-12-700B
VKM71100	PU245226 BRR1H				IR-9991	F-218740.3	60813590	13505-15041	F805-12-700C
VKM71101	PU245228 CRR1H-1				IR-9992	F-218740.4	60813592	13505-15050	F806-12-700
VKM71103	PU245339ARR				IR-9994	F-218999	61211753	13505-15060	FDU1055
VKM71200	PU245835RR9DY				IR-9995	F-219476	61211754	13505-16010	FDU2691

TENSIONER & IDLER BEARING

SKF	KOYO	NTN	NSK	GMB	IRB	INA	O.E.M		
VKM71201	PU255424				IR-9996	F-220084	61450274	13505-16011	FE1H-12-700
VKM71202	PU255525 RR1HW				IR-9997	F-220085	68109243	13505-16020	FE1H-12-700A
VKM71302	PU255728 RR1HV1FG				IR-9998	F-220093	74109243	13505-16021	FE1H-12-730
VKM71400	PU256229 RR1HV				IR-9999	F-220095	78109243	13505-42010	FE1H-12-730A
VKM71401	PU2665 27RR1H					F-220096	78109244	13505-42020	FE3N-12-730
VKM71404	PU276003 RR14D					F-220125	90411773	13505-43010	FS01-12-730
VKM71700	PU276033RR14D					F-220256	90411782	13505-43020	FS01-12-730A
VKM71800	PU277027B					F-220257	90570813	13505-46041	JE15-12-730
VKM72000	PU285226 RR1HV					F-220285	91508298	13505-54010	JE15-12-730A
VKM72004	PU285630RR1DV1					F-220286	91538722	13505-54020	JE26-12-740
VKM72100	PU305733 ARR10					F-220322	93202400	13505-54021	JE26-12-740A
VKM72200	PU308030RR					F-220323	93501404	13505-54030	JE48-12-740
VKM72300	PU307034 ARR1DW					F-220324	94029835	13505-54034	JF01-12-730
VKM72303	PU316029BRKDV					F-220425	94123972	13505-63010	JF01-12-730A
VKM72310	PU316029V					F-220860.6	94215197	13505-63011	JF01-12-730B
VKM72320	PU316548					F-2208605	94220800	13505-63020	JF01-12-730D
VKM72500	PU328231GARRID					F-223472	94382215	13505-63021	KL01-12-730
VKM73000	PU345637ARR1DVFG					F-224693	94853604	13505-64011	KL01-12-730A
VKM73001	PU355816					F-224694	95619217	13505-64020	KL01-12-740
VKM73002	PU385827					F-224696	98010657	13505-64021	KL01-12-740A
VKM73005	TPU006B					F-224963	98099089	13505-65010	LHP100440
VKM73007	TPU006D					F-224964	96103222	13505-65020	LHP100450
VKM73011	TPU006E					F-224964	96201309	13505-70012	LHV100080
VKM73101	TPU019G					F-224966	96201545	13505-70020	LPH100490
VKM73102	TPU01F-1					F-224967	96216260	13505-70021	MD008964
VKM73112	TPU067C1+SV					F-224967	96225744	13505-70022	MD009650
VKM73200	TPU076D+SV3					F-224971	96350526	13505-74010	MD011536
VKM73201	TRUC16F-1FG					F-225532	97522886	13505-74011	MD012587
VKM73600						F-225565.2	97535002	13505-74012	MD030605
VKM74000						F-225766	531002010	13505-74020	MD040074
VKM74001						F-226746.1	531013820	13505-74021	MD040754
VKM74004						F-227728	532010420	13505-74030	MD040774
VKM74200						F-228533	904011773	13505-87102	MD050125
VKM74201						F-229515	956194727	13505-87201	MD050135
VKM74300						F-231219	1350697201	13505-87203	MD064641
VKM74501						F-231388	5001001259	13505-87701	MD068999
VKM74600						F-232477	5001001272	13505-87702	MD104575
VKM74606						F-232479	7419136036	13505-88300	MD104578
VKM75000						F-36261	7700627156	13505-88360	MD109958

TENSIONER & IDLER BEARING

SKF	KOYO	NTN	NSK	GMB	IRB	INA	O.E.M		
VKM75001						F-37629	7700660586	13505-88361	MD114691
VKM75002						F-37630.1	770066224	13505-88362	MD115976
VKM75004						F-38153	7700692315	13505-97201	MD120266
VKM75005						F-38317	7700686987	1357936-2	MD121993
VKM75006						F-38960	7700708337	13605-62010	MD128725
VKM75008						F-39508.5	7700716768	14400-P72-004	MD128765
VKM75033						F-39752.2	7700720326	14510-634-000	MD129033
VKM75044						F-39924.10	7700722452	14510-634-003	MD129355
VKM75054						F-39990	7700726440	14510-657-013	MD146186
VKM75064						F-45605A	7700733489	14510-P08-003	MD146486
VKM75100						F-45606A	7700735486	14510-P08-004	MD174352
VKM75108						F-45607A	7700736085	14510-P30-003	MD175375
VKM75113						F-45608A	7700745215	14510-P8-003	MD179597
VKM75119						F-45609A	7700852114	14510-P8-004	MD182537
VKM75130						F-49332	7700863111	14510-PC0-003	MD185544
VKM75140						F-49332	7700863112	14510-PC6-013	MD188813
VKM75144						F-49796	7700871168	14510-PD2-003	MD192068
VKM75601						F-56900	7700871169	14510-PD2-004	MD192731
VKM75612						F-82302	9400830379	14510-PE0-000	MD315265
VKM75613						F-82303	9605266280	14510-PE0-003	MD316826
VKM75614						F-82798	9617541380	14510-PE0-005	MD320174
VKM75615						F-85300.2	9622574480	14510-PH-004	MD328489
VKM75616						F-8898.3	11311708806	14510-PH1-003	MD329976
VKM75618						F-93710.1	11311709646	14510-PH1-004	MD347432
VKM75621						F-93710.1	11311711153	14510-PH2-004	OJE26-12-740A
VKM76001						F-93710.1	11311721264	14510-PH3-003	OJE26-12-740A
VKM76102						F-93710-1	11311726343	14510-PH7-003	OK900-12-700
VKM76103						F-9839	11311727141	14510-PH7-004	OK937-12-700A
VKM76200							021012060A	14510-PK1-003	OK937-12-730
VKM76202							026109243A	14510-PK1-004	OK937-12-730C
VKM76203							026109243B	14510-PK1-014	OK938-12-730
VKM77002							026109243C/D/F	14510-PL3-000	OK954-12-730
VKM77053							026109243E	14510-PL3-003	OK955-12-730
VKM77100							036109244C	14510-PM7-003	OK972-12-700A
VKM77300							036109244D	14510-PM7-004	OK972-12-730
VKM77401							048109243A	14510-PR3-003	OK973-12-700
VKM77500							048109243C	14510-PR3-004	OK973-12-730
VKM77501							05656415P	14510-PR7-A01	PV11-12-700
VKM78001							068109243C	14510-PT0-003	RF03-12-700A
VKM78002							068109243F	14510-PT0-004	RF03-12-720
VKM78103							068109243B	14520-P2A-004	RF71-12-730A

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SKF	KOYO	NTN	NSK	GMB	IRB	INA	O.E.M		
VKM78105							075109243B	20HM6K254A2D	WL01-12-700
VKM79000							075109243D	23357-32000	XHM 461
VKM79001							078109243C	23357-32010	ZZL1-12-500
VKM79002							078109244C	23357-32020	
VKM79002							078109244F	23357-32030	
VKM79003									
VKM80000									
VKM81000									
VKM81001									
VKM81002									
VKM81003									
VKM81004									
VKM81005									
VKM81006									
VKM81100									
VKM81201									
VKM81203									
VKM81400									
VKM82000									
VKM82101									
VKM82300									
VKM82302									
VKM82320									
VKM82500									
VKM84000									
VKM84001									
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VKM84005									
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VKM84310									
VKM84600									
VKM84601									
VKM85000									
VKM85140									
VKM85141									
VKM88000									
VKM88001									
VKM89001									
VKM89002									
VKM89003									

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
	TBT9017	VKM11000	F-81749.5, QTT127, S100, IR-9805, CR1680	72	20	026 109 243 026 109 243E 056 109 243D	AUDI(026109243L), PORSCHE, SEAT(026109243E), VW(026109243L)
		VKM11001	048109243A, 48109243, 531008220, 363477AC, 363477BA, 337141, QTT178	72	19	048 109 243 A	AUDI 80 90 100, COUPE 2.0, VW, PASSAT 2.0.
		VKM11003	026109243J, 531033710, IR-9132, F-123785, S111, QTT179, 55413	66	17	026 109 243 J	AUDI
		VKM11005	048109243C, 337043	72	24	026109243 026109243A 026109243C 026109243E 026109243L	VW ,GOLF,VENTO
		VKM11008	QTT960, S077, CR3138	72	27	058 109 243 C 058 109 243 E	AUDI(058109243E), VOLKSWAGEN (058109243E), Other Type:058109243E
	TBT9018	VKM11010	F-90053.4, QTT172, S103, IR-9806, CR1682	72	26	068109243F, 068109243C, 068109243	AUDI(068109243F), SEAT(068109243F) , VW(068109243F)
		VKM11020	F-220083, F-207547, F-207547.4, 307883, 051109243, 027109243	72	26	051 109 243	AUDI, VW,SEAT
	TBT9006	VKM11113	QTT927, S080, IR-9157, CR3140	72	25	06A109479A, 06A109479B, 06A109479C, 06A109479.	AUDI(06A109479C), SEAT(06A109479C), SKODA(06A109479C), VOLKSWAGEN (06A109479C)
		VKM11115	06B 109 243-1, 06B109243, 03.464, S079, 55442, 53103992	72	25	06B 109 243	AUDI, VW, SKODA.
	TBT9002	VKM11116	06B109243A, 06B109243D, 531050020	72	25	06B 109 243 A 06B 109 243 D	SEAT ALHAMBRA/ TOLEDO/ LEON SKODA OCTAVIA

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Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM11142	06B109243B, S266, 531053120, 03.80225	72	31	045 109 243 A 045 109 243 C 1119021	AUDI, VW, SKODA
	TBT9038	VKM11200	078109243C, 078109243, 78109243, 3079240B, 307924, F-123629	72	27	4385583	AUDI 80 100 A4 A6 A8, COUPE 2.6 2.8 V6
	TBT9039	VKM11201	078109243K, 078109244K, S118, 03.297, IR-9160, 55419	72	27	60605833 5997325	FIAT/ALFA ROMEO
		VKM12005	60800148, 5956109, 531001120, BA2D633625	60	25	5956109 60600148	FIAT 100S REGATA TIPO TIMPRA CROMA
		VKM12101	5997325, 5997326, 60605833, 633624, F-203093, F-220257, IR-9818, PBT8092, 55804	65	27	5997325	FIAT UNORITMO REGATA 85S TIPO CROMA FORINO LANCIA THEMA COUPE PRISMA KAPPA
		VKM12151	7553564, 630676D, 55605, IR-9819	61	30	7553564	FIAT 146 1.7 DUNA FORINO UNO PUNTO (DIESEL)
		VKM12153	60811488, 60808693, 7596728, 7596877, 0807.02	61	30	60808693 60811488 0807.12 7596728 7596877	FIAT TIPO TIMPRA UNO BRAVO ALFA 145 146 155 1.9TD
		VKM12174	7778565, 07778565, 4777296, 60813592, S941, 03.300, IR-9115	65	30	55192323 55183527 71747799 5636456 93176816	FIAT BRAVO/BRAVA/ MAREA/MULTIPLA
		VKM12200	F-36261, QTT109, QTT219, S903, IR-9822, CR1654	57	24	0818.21 0829.17 95619217 5972277 71740977	CITROEN(95619217), FIAT(5972277), INNOCENTI(5972277), LANCIA(5972277), PEUGEOT(0829.17)
		VKM12215	55196971, 7782192	65	29	55196971 7782192	FIATBRAVA/BRAVO/ MAREA, LANCIA Y

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM12227	7541718, BA2D633636, 531001420	60	25	7541718	FIAT TIPO TEMPRA CROMA 1.8IE.
		VKM12380	4740846, 04740846, 7301662, 5001001259, 532000411, IR-9816, PBT8162, F-220323	67	34	4740846 5001001259 7701040204 98463114	FIAT 131 132 DUCATO 2.5 ARGENTA, CITRO JUMPER
		VKM12700	021012060A, F-202858, IR-9859	59	23	021 912 060A SE 021012060 A	SEAT IBIZA RONDA MALAGA RITOM
		VKM13100	F-121287.5, QTT100, S400, S507, IR-9811, IR-9890, CR1692	59	22	0829.19 0829.54 97535002	CITROEN(97535002), FIAT(9605266280), LANCIA(9605266280), PEUGEOT(0829.54)
		VKM13120	LHP 10013, 0829.30, 95640195, 13070-6F901	59	29	0829.30 95640195	CITROEN/PEUGEOT
		VKM13130	0829.49, 0829.51, S518, 531024310, IR-9121, GT359.15, F-122576	70	32	0829.49 0829.C9	CITROEN SAXO, PEUGEOT 106.
		VKM13200	0829.12, 91508298, IR-9812, F-38317	57	24	0829.12 91508298	PEUGEOT 205/305 /306/309 1.6 1.9, CITROEN ZX BX 1.6/1.9.
		VKM13201	F-121287.5, QTT100, S400, S507, IR-9811, IR-9890, CR1692	59	22	97535002, 0829.19, 0829.54	CITROEN(97535002), FIAT(9605266280), LANCIA(9605266280), PEUGEOT(0829.54)
		VKM13202	F-122868, IR-9943, 9617541380, 96225744, 9622574460, 0829.32, 0829.35, 55901	57	29	829.32 9622574460	CITROEN JUMPER/XANTIA /XM/XSARA/ZX, FIAT DUCATO /JULYSSE, LANCIA ZETA, PEUGEOT 306/406/605/806
		VKM13210	0829.20, 91538722, F-120046.4	57	31	0829.20 91538722	PEUGUOT 306/309/405, CITROEN BX ZX XM XANTIA.

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM13220	96010657, 0829.22, F-120552, IR-9670, GT80300	59	26	0829.22 96010657	PEUGEOT 605 2.0, CITROEN XM XANTIA 2.0.
		VKM13240	0829.11, 0829.56, 93501404, F-120475.12, F-122051	60	34	829.11 93501404 LHP 10010	CITROEN C151.8 C251.9 ZX1.8 BX1.8 DIESEL, PEUGEOT 205 305 306 309 405 DIESEL, ROVER 218 418 DIESEL.
		VKM13241		60	34	0829.33 9617188680 LHP 100590	CITROEN/BERLINGO/C15/ EVASION/JUMPER BUS/ JUMPER, FIAT DOUCATO/ SCUDO
		VKM13244	F-122985.3, IR-9118, BRG260, CR3000	60	32	829.59 9646247380	CITROEN(96296777), FIAT(9400829599), LANCIA(9400829599), PEUGEOT(0829.60), SUZUKI, BRG260
		VKM13300	818.2 96098278	71	32		CITROEN, PEUGE
	TBT9011	VKM14000	F-82798, QTT155, S780, IR-9839, CR1694	47	26		FORD(1496915), MITSUBISHI
		VKM14100	6497120, 7330712, 6178656, GT80220, F-140057	52	22	6497120, 7330712, 6178656,	FORD,
		VKM14103		60	26	1005822 6177882 93FF 6K254 BA	FORD,
		VKM14200	6089286, 61450274, E5EE6K254A, F-93710.1, IR-9836, GT80500	47	39	6089286, 61450274,	FORD,
	TBT9019	VKM14201	F-210045, QTT151, S784, IR-9837, CR1873	57	30	6182891, 6131141, 6145028	FORD(6182891)

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM14301	F-48559.7, QTT157, S782, IR-9842, CR1830	60	32	61211753, 61211754, 6121751, 6121753	FORD(6121754)
		VKM16000	F-39924.1, QTT117, S313, IR-9863, CR1846	50	22	7700736085	RENAULT(7700736085)
		VKM16001	F-123154.3, QTT950, S334, IR-9145, CR3206	55	22	7700273277	RENAULT(7700273277)
		VKM16101	F-39508.5, QTT112, S310, IR-9865, CR1838M	50	31	7700726440, 30855993, 3343741-9	MITSUBISHI, OPEL/ VAUXHALL(4401609), RENAULT(7700863113), VOLVO(3343741-9)
		VKM16200	F-37629, IR-9817, QTT107, 7700692315, 7700627156, 7700660586, 0829.10	60	28	829.1 7700692 315	RENAULT R18/R20/R21/ R25, FUEGO TRAFFIC MASTER, PRUGOT 505 2.0, CITROEN CX
		VKM16204		55	26	77 00 745 215 77 00 871 168	RENAU
		VKM16210					
		VKM16212		60	33	77 00 722 452 77 00 871 169	JEEP CHEROKEE, RENO
		VKM16300		47	31	463633	VOLVO
		VKM16410		36	21	1357936	VOLVO

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM16602		53	27	74 39 135 036 9135036	VOLVO, RENO
		VKM17200		47	27	CAM 9153	AUSTI, ROVER
		VKM17310		55	32	LHP10015L CDU 3558	LANDROVER, MG
		VKM18000		65	25	11311721 245	BMW
		VKM18001		71	23	11 311727 611	BMW
		VKM18100		50	30	11 31 1 711153	BMW
		VKM18200		62	22	2105-1006124	LADA
		VKM21031		75	28	069109243B 1257118 1257120	AUDI, VOLVO, VW
		VKM21032		69	27	074 109 243	AUDI
		VKM21045		64	28	075 109 243 B 075 109 243 D 9135946	VOLVO, VW

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Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM21052		59	29	078 109 244 078 109 244 C 078 109 244 F	AUDI
		VKM21120		56	22	036 109 244 C 036 109 244 D 036 109 244 J	AUDI, SEAT, SKODA, VW
		VKM21121		29	29	036 109 181 A	AUDI, SEAT, SKODA, VW
		VKM21130		80	29	038 109 244 B 038 109 244 H 038 109 244 M	AUDI, SEAT, SKODA, VW
		VKM22151		61	30	7553565	FIAT
		VKM22177		57	29	60864403 60871573	ALFA, FIAT, LANCI
		VKM22174		53	29	60813590 71736493 7763644	ALFA, FIAT, LANCI
		VKM22242		65	30	46400054 46554826	FIAT, LANCI
		VKM22380		64	34	4740847 0830.32 4400204 9108204	ALFA, CITRO, FIAT, PEUGE, RENAU, VAUXH
		VKM23120		60	34	96099089 96201309 9400830379 0830.14	CITRO, PEUGE, ROVER

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM23130		57	32	0830.20 0830.61	CITRO, PEUGE
		VKM23240		60	34	0830.02 93501405 LHP 10009	CITRO, PEUGE, ROVER, TALBO
		VKM23241		60	33	0830.13 9615923380 LHP 100070	CITRO, FIAT, PEUGE, ROVER
		VKM23246		60	30	9400830289	CITRO, FIAT, PEUGE,
		VKM23300		71	32	96094102	VOLVO
		VKM24100		24	19	1005823 7053802 96FF6K254 DA	FORD
		VKM24107		58	25	1040677 1056697 1099652 97FF6K254DA	FORD
		VKM24210		60	29	6635942 928M6M250BC	FORD
		VKM24211		46	29	6744307 928M6M250DC	FORD
		VKM24212		70	29	1038384 978M6M250AA	FORD

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Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM24214		47	29	1053942 978M6M250BB	FORD
		VKM25150		52	23	56 36 415 56 36 419 90412731 9128740	OPEL, VAUXH,
		VKM25208		65	27	56 36 395 6 36 730 94106001	OPEL, VAUXH,
		VKM25212		52	27	90411782 56 36 425 6 36 415	DAEWU, LADA, OPEL, VAUXH
	TBT9035	VKM25213	F-224966, QTT297, U452, IR-9907, CR1803	63	27	0636 416	LADA, OPEL/ VAUXHALL(636416)
		VKM25500		55.8	37	56 36 418 47 71 085 56 36 418	OPEL, VAUXH,
		VKM26100		50	31	77 00 696 987 3287776-3 3342134	RENAU, VOLVO
		VKM26101		50	31	44 03 270 9111270 77 00 116 049	OPEL, RENAU, VOLVO
		VKM26102		50	31	77 00 116 050 77 00 733 489 77 00 863 111 82 00 051 092	RENOU
		VKM26125		60	31	77 00 107 249 82 00 420 964	RENOU

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM26211		60	33	77 00 721 690	RENOU
		VKM26402		53	30	3531279	VOLVO
		VKM26500		71	32	77 00 857 492	RENOU
		VKM26501		80	32	77 00 862 615	RENOU
		VKM26600		47	27	9146258	VOLVO
		VKM26610		53	27	9146377	VOLVO
		VKM26612		53	32	9135556	VOLVO
		VKM27120		60	31.8	ADU 7611	RENOU
		VKM28000		50	21	11 311 721264 11 311727141	BMW
		VKM28001		32	23	11 311 708806 11 311 709646	BMW











TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM32010		75	30	60561614 60810641	ALFA, LANC
		VKM33002		85	26	5751.38 9627860780	CITRO, FIAT, PEUGE
		VKM33017		37	27	5751.46 5751.59 9405751679 5751.62	CITRO, FIAT, PEUGE
	TBT9034	VKM38001	F-219949, QTT190, S674, IR-9846, CR1457	80	25	601 200 09 70 062 145 278	MERCEDES- BENZ(6012000970), VOLKSWAGEN(062145278) —Other Type:6012000970
	TBT9008	VKM70000	QTT522, S272, IR-9970, CR5122	60	39	96350550, 5094008601, BRG228-59002, 17460, 531021330	DAEWOO(96350550), CIELO/ESPERO/LANOS/ LEMANS/NUBIRA
		VKM70001		72	22	93202400	DAEWO
		VKM71000		62	29	13505-55020	TOYOTA
		VKM71001		60	33	13505-54010	TOYOTA
		VKM71002		62	35	13505-54020 13505-54021 J13 505 540 21	TOYOTA, VW
	TBT9036	VKM71003	QTT453, S801, IR-9992, CR5021	58	29	13505-74010 13505-74011	TOYOTA(13505-74021)



TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
	TBT9010	VKM71007	QTT480, S800, IR-9999, CR5020	57	25	13505-15060	TOYOTA(13505-15060)
		VKM71010		62	29	13505-46041	TOYOTA
		VKM71012		61	30	13505-17010 13505-17011 90507-27003	TOYOTA
		VKM71014		62	29	13505-67040 13505-67041	TOYOTA
		VKM71100		62	26	13505-64011 13505-64012 13505-64020 13505-64021	TOYOTA
		VKM71101		58	29	13505-63010 13505-63021	TOYOTA
		VKM71103		52	30	13505-70012 13505-70020 13505-70021 13505-88300 13505-88301	TOYOTA
		VKM71200		50	23	13505-10010	TOYOTA
		VKM71201		50	27	13505-11010 13505-11011 13505-11020	TOYOTA
		VKM71202		52	23	13505-15041	TOYOTA DAIHA











TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM71302		58	29	13505-74030 13505-88360 13505-88361	TOYOTA
		VKM71400		56	29	13505-11040 13505-11050	TOYOTA
		VKM71401		55	23	13505-02020 13505-16010 13505-16011 13505-16020 13505-16021	TOYOTA
		VKM71404		62	28.5	1350543010 13505-43010	TOYOTA
		VKM71700		64	29	13505-42010 13505-42020	TOYOTA
	TBT9043	VKM71800	13505-65010, 13505-65020, 62TBO612B04	62	49	1350565020	TOYOTA
		VKM72000		60	22	13070-01M00	MAZDA, NISSA
	TBT9009	VKM72004	QTT396, S360, IR-9024, CR5016	60	31	13070-42L00 13070-V5001	NISSAN(13070-V5001)
		VKM72100		60	24	13070-D4200	NISSAN
		VKM72200		60	27	13070-D0100	NISSAN

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM72300		65	29	13070-16A00 13070-16A02 13070-16A03	NISSAN
		VKM72303		60	22	RF03-12-720 13070-16A10	MAZDA, NISSA
		VKM72310		70	30	13070-2J600 13070-57J00 13070-57J01 13070-57J10	NISSAN
		VKM72320		60	35	13070-05E00 13070-05E10	NISSAN
		VKM72500		60	37	13070-V7201	NISSAN
		VKM73000		57	26	14510-PM7-003, 14510-PM7-004, FDU 2691	HONDA, ROVER
		VKM73001		65	32	14510-PH7-00 14510-PH7-004, XHM 461	HONDA, ROVER
		VKM73002		55	28	14510-PH3-003, 14510-PH3-004, 14510-PH3-004	HONDA
		VKM73005		53	26	14510-P08-003, 14510-P08-004, LHP 100790	HONDA
		VKM73007		70	19	13404-P13-003	HONDA

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM73011		70	19	13404-PT0-003, 13404-PT0-004, LHP 100480, LHP 100490	HONDA, ROVER
		VKM73101		55	28	14510-PE0-003, 14510-PE0-005, DBP 9291	HONDA, ROVER
		VKM73102		60	27	14510657013 14510-657-013	HONDA
		VKM73112		52	27	14510634000 14510-634-000	HONDA
		VKM73200		55	28	14510-PC6-013, 14510-PD2-003, 14510-PD2-004	HONDA
	TBT9044	VKM73201		55	30	14510-PR3-003, 14510-PR3-004, 14510-P30-003, PU265530RR1DV1	HONDA CIVIC/CIVIC CRX CIVIC DEL SOL
		VKM73600		62	27	14510-PT0-003 14510-PT0-004 LHP 100440	HONDA, ROVER
		VKM74000		60	33	3395997 KL02-12-750	MAZDA
		VKM74001		62	26	F805-12-700 F805-12-700A F805-12-700C	MAZDA
		VKM74004		58	31	OK016-12-700 R201-12-700A 12810-78E01	MAZDA

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Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM74200		52	25	24410-2X000, KK150-12-700A, B630-12-700B	MAZDA
		VKM74201		52	25	OK937-12-700A, B660-12-700A, B660-12-700B	MAZDA, KIA
		VKM74300		58	31	RF03-12-700A	MAZDA,
		VKM74501		52	23	F801-12-700 F801-12-700B	MAZDA,
		VKM74600		52	29	OK972-12-700 FE1H-12-700A	MAZDA, KIA
		VKM74606		58	32	WLD1-12-700	MAZDA
		VKM75000		60	35	MD 140071	MITSU
		VKM75001		60	25	MD 146186	MITSU
	TBT9045	VKM75002	QTT373, S189, IR-9052, CR5083	58	30	MD 175375	MITSUBISHI(MD315265) PROTON
		VKM75004		60	32	24410-35010 MD 104578	HYUNDA, MITSU


TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM75005		60	26	MD040774	MITSU
		VKM75006		60	26	24410-22000	HYUNDA
		VKM75008		60	16	23357-32000 23357-32050 MD 128765	HYUNDA, MITSU
		VKM75033		60	22	24410-32000 MD 011536	HYUNDA, MITSU
	TBT9015	VKM75044	S758, IR-9190, CR5171	55	16	MD115976 23357-33120	MITSUBISHI(MD192068) GALANT 2.0 ECLIPSE 2.0, MIRAGE 1.8- HYUNDAI(23357-38001) ELANTRA-LANTRA SONATA 1.6/1.8/2.0, PROTON PERCANA 2.0
		VKM75054		60	34	MD 174352	MITSU
	TBT9014	VKM75064	QTT600, S184, IR-9060, CR5078	60	31	MD182537, 24450-33020	HYUNDAI, MITSUBISHI (MD182537)-COLT 1.8 ECLIPSE 2.0 GALANT LANCER
		VKM75100		60	21	24410-21010 MD 030605	HYUNDA, MITSU
		VKM75108		60	22	MD 109958	MITSU
		VKM75113		60	16	MD 040754	MITSU

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM75119		60	15	MD 009650	MITSU
		VKM75130		60	26	24410-32553 24410-32555 MD 129033	HYUNDA, MITSU
		VKM75140		60	34	MD 064641	MITSU
		VKM75144		60	31	24450-33010 24450-33020 MD 129355	HYUNDA, MITSU
		VKM75601		60	29	24317-42000 24317-42010 24317-42020 MD 050135	HYUNDA, MITSU
		VKM75612		58	22.5	23357-42000 23357-42010 MD 050125	HYUNDA, MITSU
		VKM75613		55	18	23357-33350 23357-38001 MD 185544 MD 192068	HYUNDA, MITSU
		VKM75614		62	33	MD 188813 MD 316826	MITSU
	TBT9005	VKM75615	S830, IR-9181, CR5172	57	28	MD329976, 03.581	MITSUBISHI(MD329976)
		VKM75616		58	29	MD 320174	MITSU

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM75621		57	22	24410-02510 24410-02550	HYUNDA
	TBT9027	VKM76001	QTT446, S233, IR-9916, CR5100	51	28	12810-71C00, 12810-71C01	SUZUKI(12810-71C02)
	TBT9023	VKM76102	QTT525, S273, IR-9973, CR3007	42	28	12810-81400 12810-81401	DAEWOO (12810-81401-000), SUZUK
		VKM76103		52	22	12810-73002 12810-73003 12810-84000	SUZUKI
		VKM76200		42	30	12810-53B00 12810-53B01 12810-53B02	SUZUKI
		VKM76202		58	24	12810-82001 12810-82002 12810-82003	SUZUKI
		VKM76203		42	24	12810-86500 12810-86501	SUZUKI
		VKM77002		50	27	13505-87205	DAIHA
		VKM77100		60	27	13505-87701	DAIHA
		VKM77300		50	21	13505-87702	DAIHA










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Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
	TBT9037	VKM77401	QTT529, S622, IR-9044, CR5104	50	23	13505-87203-000	DAIHATSU (13505-87203-000), MITSUBISHI
		VKM77500		50	27	13505-87102	DAIHA
		VKM77501		50	20	13505-87201	DAIHA
		VKM78001		52	21	13071-AA001 13071-AA002	SUBAR
		VKM78002		52	22	13070-AA000 13070-AA001	SUBAR
		VKM78103		52	27	13070-KA010	SUBAR
		VKM78105		52	27	13070-KA020	SUBAR
		VKM79000		60	30	94472349 8-94472-349-0	ISUZU
		VKM79001		60	26	94215197 8-94215-197-0	OPEL, VAUXH, ISUZU
		VKM79002		67	39	94433821 6 36 383	OPEL, VAUXH, ISUZU

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM79003		62	38	94029835 5-12539-013- 224410-02550	OPEL, VAUXH, ISUZU
	TBT9046	VKM80000	F-227728.1, U271, U346, IR-9971, CR1492, CR3005	64	30	96103222, 096103222, 96350526, 0963526, 60TB0612B01	ALFA ROMEO(60814427), FIAT(60814427), LANCIA(60814427), DAEWOO(96350526)
		VKM81000		62	37	13503-62010 13503-62030	TOYOTA
		VKM81001		60	30	13503-54010 13503-54020	TOYOTA
		VKM81002		83	36	13503-54030 J13 503 540 30	TOYOTA, VW
		VKM81003		57.5	37	1350370051 1350370060 13503-70070	LEXUS
	TBT9040	VKM81004	PU355816RR9DFG, 57TB015B01, GT80030, 57STD62DWA, IR-9991, F-124072	58	29	13503-63010 13503-63011 13503-63020 13503-63021 13503-70040 13503-88360 13503-86361 13503-88380	TOYOTA
		VKM81005		66	38	13503-50010 13503-50011	TOYOTA
		VKM81006		50	32	13503-70020	TOYOTA
		VKM81100		62	29	13503-64020 13503-64021	TOYOTA


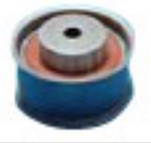
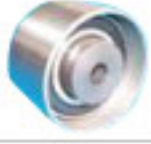




TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM81201		50	27	13503-10011 13503-10021	TOYOTA
		VKM81203		50	23	13503-10010	TOYOTA
		VKM81400		50	27	13503-11030 13503-11040	TOYOTA
		VKM82000		60	36	13077-45V00 13077-F6200 13077-F6512	NISSA
		VKM82101		52	24	13077-35F00 13077-D4200	NISSA
		VKM82300		60	29	13074-16A01	NISSA
		VKM82302		60	29	13077-54A00	NISSA
		VKM82320		60	35	13074-05E00	NISSA
		VKM82500		60	36	13077-V7200 13077-V7202	NISSA
	TBT9024	VKM84000	QTT361, U555, IR-9077, CR5049, GT80040	52	29	3396014	FORD(3864995), MAZDA (KL01-12-730A)

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM84001		60	33	3396015 3864995 KL01-12-730	MAZDA
		VKM84002		60	35	3396016 KL01-12-740	MAZDA
		VKM84003		60	42	JE4812740 JE48-12-740	MAZDA
		VKM84005		60	42	OJE2612740A JE2612740	MAZDA
		VKM84007		52	31	JE15-12-730 JE15-12-730A JE15-12-730C JF01-12-730B	MAZDA
		VKM84201		52	25	24810-2X700, MB660-12-730C, OK937-12-730	MAZDA, KIA
		VKM84310		58	34	RF71-12-730A	MAZDA
		VKM84600		60	29	FE1H-12-730 FE1H-12-730A	MAZDA
		VKM84601		60	30	OK954-12-730 FE3N-12-730	MAZDA, KIA
	TBT9016	VKM85000	QTT394, S720, IR-9055, CR5117	60	32	24810-33021 MD121993 MD156604 MD192731	HYUNDAI(24810-33021), MITSUBISHI(MD156604), PROTON, VOLVO(30874227)

TENSIONER & IDLER BEARING

Photo	Factory No.	SKF No.	Corresponding Type	D	W	O.E. No. & Application	
		VKM85140		60	35	MD 012587	MITSU
		VKM85141		70	32	MD 179597	MITSU
		VKM88000		60	35	13073-AA081 13073-AA082 13073-AA140 13073-AA142	SUBAR
		VKM88001		60	35	13085-AA010 13085-AA070 13085-AA080	SUBAR
		VKM89001		60	35	8-94123-972-0 8-94220-901-1 94123972	ISUZU, OPEL
		VKM89002		60	35	8-94220-900-1 8-94220-900-2 94220900	ISUZU, OPEL
		VKM89003		67	38	8-94382-215-0 8-94382-215-1 8 15 971	ISUZU, OPEL, VAUXH

TENSIONER & IDLER BEARING

SKF NO.	O.E. NO.	APPLICATION	SKF NO.	O.E. NO.	APPLICATION
VKM11000	026 109 243	AUDI/SEAT/VW	VKM22153	7596876	PSA
	026 109 243E			807.13	
	056 109 243D		VKM22242	46400054	FIAT/MITSUBISHI
VKM11010	068 109 243F	AUDI/SEAT/VW	VKM22380	5001001272	RENAULT/FIAT/OPEL
VKM11014	028 109 243E	VW		4740847	
	028 109 243F				
VKM11072	074 109 243G	AUDI/VW/VOLVO	VKM24100		
	9186258				
VKM11106	030 109 243D	VW	VKM25200	0636 421	OPEL
	030 109 243J		VKM25201	0636 422	OPEL
VKM11113	06A 109 479A	VW	VKM25202	5636 424	OPEL/DAEWOO
VKM11115	06B 109 243	VW		0636 418	
VKM12003	4386575	FIAT	VKM25212	5636 425	OPEL/DAEWOO
VKM12005	5956109	FIAT		0636 415	
VKM12100	4385583	FIAT	VKM25213	0636 416	OPEL
VKM12101	60805833	FIAT/ALFA ROMEO	VKM26101	7700863112	RENAULT/VOLVO
	5997325			30855993	
				30855992	
VKM12151	7553564	FIAT		3343741	
VKM12200	5972277	FIAT/CITROEN	FEBI:01790	11 28 2 245 166	BMW
	829.17			11 28 2 243 702	
VKM12227	7541718	FIAT	VKM28000	11 31 1 721 264	BMW
VKM12700	021 912 060A	SEAT	VKM28001	11 31 1 708 806	BMW
VKM12380	4740846	FIAT/RENAULT		11 31 1 709 646	
	5001001259				
	7701040204				
VKM13100	829.19	CITROEN/PEUGEOT	VKM32009	7702173	FIAT
	829.54			60805460	
VKM13120	829.3	CITROEN/PEUGEOT	VKM38012	601 200 07 70	MERCEDES-BENZ
	95640195			FEBI:05478	601 200 10 70
VKM16000	7700736085	RENAULT	FEBI:11343	053 903 341	AUDI
VKM16101	7700735486	RENAULT/VOLVO	VKM71001		
	7700863113				
	7700726440				
VKM16110	7700708337	RENAULT/VOLVO	VKM71002		
	7700716767				
	7700696986				
	3287778				
VKM21031	069 109 243B	AUDI/VW	VKM72000	13070-01M00	NISSAN
VKM22151	7553565	FIAT	VKM74200		
			VKM74201	0K937-12-700A	MAZDA/KIA
				B660-12-700B/C/D/E	
			VKM74600		

TENSIONER & IDLER BEARING

SKF NO.	O.E. NO.	APPLICATION
VKM75006	24410-22000 24410-22020	HYUNDAI
VKM75008	MD128765 23357-32050	HYUNDAI/MITSUBISHI
VKM75033	24310-32010 24410-32000 24410-32010 MD011536	HYUNDAI/MITSUBISHI
VKM75044	MD115976 23357-33120	HYUNDAI/MITSUBISHI
VKM75144	24410-32553 24450-33010 MD129355	HYUNDAI/MITSUBISHI
VKM75601	MD050135 23357-42000 23357-42010 23357-42020	HYUNDAI/MITSUBISHI
VKM75612	MD050125	MITSUBISHI
VKM76102	12810-81400 12810-81401	DAEWOO/SUZUKI
VKM76103	12810-73002 12810-73003 12810-84000 12810-84001	SUZUKI
VKM76202	12810-82001 12810-82002 12810-82003	SUZUKI
VKM77300	13505-87702	DAIHATSU
VKM79001	94215197 8-94215-197-0 8-94215-197-1	ISUZU/OPEL

SKF NO.	O.E. NO.	APPLICATION
VKM81001		
VKM81004	13503-63010 13503-63011 13503-63020 13503-63021 13503-70040 13503-88360 13503-88361 13503-88380	TOYOTA
VKM84600		
VKM85000	24810-33021 MD121993 MD156604 MD192731	HYUNDAI/MITSUBISHI

WHEEL BEARINGS

DAC TYPE DOUBLE ROW ANGULAR CONTACT BALL BEARINGS



Bearing No.	Boundary Dimensions (mm)				Weight (kg)	Seal	Remarks	Application	Wheel Bearings Conversion List			
	d	D	B	C					KOYO	SKF	FAG	BCA
DAC255200206	25	52	20.6	20.6	0.19	A		Fiat, Seat		617546A		
DAC255200209A	25	52	20.6	20.6	0.19	A	★	Fiat, Seat				
DAC25520037	25	52	37	37	0.31	C		Renault, Peugeot, Citroen		445639AA	546467	
DAC25720043	25	72	43	43	0.88	C	■					513071
DAC27800050	27	60	50	50	0.56	C	■	Nissan				
DAC28580042	28	58	42	42	0.47	C	■	トヨタSK410	DAC1858W	28BW03A(MSK)		
DAC28610042	28	61	42	42	0.56	D	■	Toyota	DAC286142AW			
DAC30600037	30	60	37	37	0.42	C		Fiat, Lada, Lancia, Seat, Volvo	DAC3060372RS			513116
DAC30600037	30	60.03	37	37	0.42	C		Fiat, Lada, Lancia, Seat, Volvo	DAC3060W	DAC306037C 416/80	50867AE 546312	B-81
DAC30640042	30	64	42	42	0.49	C	■		DAC3064W/2RXBCS28	34BWD03ACA7B-NSK		
DAC30680045	30	68	45	45	0.52							
630374/C4	30	65	21	21	0.27	A		Fiat, Seat, Polski		8818 60034/C4 614691	503212 643889	
DAC34620037	34	62	37	37	0.41	C		Audi, Volkswagen, Chrysler		300254 6416, 5113708	521110 641447	

- --- The inner ring is locked
- ▲ --- The outer ring has a lead ladder
- ★ --- Single inner ring

WHEEL BEARINGS

Bearing No.	Boundary Dimensions (mm)				Weight (kg)	Seal	Remarks	Application	Wheel Bearings Conversion List				
	d	D	B	C					KOYO	SKF	FAG	BCA	
DAC307200302	30	72	30.2	30.2	0.31								
DAC34640037	34	64	37	37	0.43	B	■▲	Lada, Opel, Volkswagen, Bedford	DAC3464G1	309726DA	52090CE 54088E	B-35	
DAC34660037	34	66	37	37	0.50	C	■▲	Opel, Vauxhall, Accord (本田雅阁)		636114A	580400CA		
DAC35640037	35	64	37	37	0.41	B	■▲	*夏利(TJ7300, Daihatsu(大发))	DAC3564A-1			510014	
DAC35650035	35	65	35	35	0.4	C	■	Renault	DAC3565WCS30	3730 446230 4439C	546238A		
DAC35660032	35	66	32	32	0.42	C	■	Citroen		445980A			
DAC35660033	35	66	33	33	0.43	C	■	Fiat		BAHB 633676			
DAC35660037	35	66	37	37	0.48	C	■	Volkswagen		BAHB 311309	54623B 54300V 54300V	510011 PW131	
DAC35680037	35	68	37	37	0.52	C		Fiat, Lancia, Seat, Volvo, Zastava	DAC3568A2RS	BAHB 63363F BAHB 63329G 633376	561918B 541153A 43804C	B-33	
DAC3568023330	35	68.02	33	30	0.47	D		Nissan	DAC3568W-6				
DAC35720028	35	72	28	28	0.49	D	■	Citroen, Peugeot, Renault, Simca, Talbot					
DAC35720228	35	72.02	28	28	0.49	D	■	Citroen, Peugeot, Renault, Simca, Talbot		BA2B 441830AB	544033		
DAC35720033	35	72	33	33	0.58	C	■	Citroen, Peugeot		BA2B 446162E BA2B 44620AC	548063		
DAC35720433	35	72.04	33	33	0.58	C	■	Fiat, Lancia		BAHB 633669			
DAC3572023331	35	72.02	33	31	0.56	D	■		DAC357233B-1W	35BWD06ACA111-NSK			
DAC35720034	35	72	34	34	0.58	A, D		*五菱LZW7100	DAC357234A	35BWD01CCA38-NSK	540763	B-36	
DAC35720434	35	72.04	34	34	0.58	A, D		Honda					
DAC36680033	36	68	33	33	0.48	D	■	Suzuki	DAC3668AWCS36				
DAC36720534	36	72.05	34	34	0.58	D	■	Chrysler, Honda	DAC367234A			B-32	
DAC37720037	37	72	37	37	0.59	C	■▲	Fiat, Ford, Lancia, Renault, Chrysler					
DAC37720237	37	72.02	37	37	0.59	C	■▲			BA2B 633028CB	527631		
DAC37720437	37	72.04	37	37	0.59	C	■▲	Alfa Romeo, Fiat, Lancia, Chrysler, Renault		633531B	562398A		

- ---- The inner ring is locked
- ▲ ---- The outer ring has a lead ladder
- ★ ---- Single inner ring

WHEEL BEARINGS

Bearing No.	Boundary Dimensions (mm)				Weight (kg)	Seal	Remarks	Application	Wheel Bearings Conversion List				
	d	D	B	C					KOYO	SKF	FAG	BCA	
DAC37740045	37	74	45	45	0.79	C	■	BMW, Opel, Ford		309946AC	541521C		
DAC38700038	38	70	38	38	0.55	B	■	*夏利*7100 Chende	DAC3870BW	688308A		510012	
DAC38720236G3	37.99	72.02	36	33	0.54	D	■	Honda, Rover	DAC3872W-3			510007	
DAC38740236G3	37.99	74.02	36	33	0.58	D	■	*半世*Toyota	DAC3874W-6				
DAC38740050	38	74	50	50	0.78					NTNDE0892	38BVID06	559192	
DAC38740450	38	74.04	50	50	0.78	A	■	Nissan					
DAC39680037	39	68	37	37	0.48	B	■▲	Volkswagen, Ford, Audi, Santana		BA2B 30960 BA2B 30936 309191 311768D	540733 428810 43822C	B-38	
DAC39680637	39	68.06	37	37	0.48	B	■▲	Volkswagen, Ford, Audi					
DAC39680737	39	68.07	37	37	0.48	B	■▲	Volkswagen, Ford, Audi, Chrysler				B-38A	
DAC39720037	39	72	37	37	0.56	B	■▲	BMW, Opel, Ford, Bedford, Vauxhall	DAC3972AW4	30959 BA2B 31139G	542186A	B-32 513113	
DAC39720637	39	72.06	37	37	0.56	B	■▲	BMW, Opel, Ford, Bedford, Vauxhall			542186CA		
DAC39740039	39	74	39	39	0.66	C	■▲	Opel, Vauxhall		BAHB 636096A	579557		
DAC40720037	40	72	37	37	0.55	C	■▲	Volkswagen, Seat, *捷达*		BAHB 311443B	566719	PW130	
DAC40740036G4	40	74	36	34	0.58	D	■	Malaysia					
DAC40740040	40	74	40	40	0.66	C	■▲		DAC407440				
DAC40750037	40	75	37	37	0.62	C		Ford		BAHB 633966E			
DAC3941750037	39/41	75	37	37	0.62	C		Audi		BAHB 633815A	567447B		
DAC40760033	40	76	33	33	0.53					555800			
DAC4076003328	40	76	33	28	0.54	A	■	Chrysler, Volkswagen, Rover		474743	539166AB	B39	
DAC4076004138	40	76	41	38	0.66				DAC4076412RCS				
DAC40800036G4	40	80	36	34	0.74	D	■	GM通用, Mitsubishi	DAC4080M1			513096	
DAC408000302	40	80	30.2	30.2				Peugeot, Simca, Talbot		440320H	523854		
DAC40820040	40	82	40	40				Citroen					

- ---- The inner ring is locked
- ▲ ---- The outer ring has a lead ladder
- ★ ---- Single inner ring

WHEEL BEARINGS

Bearing No.	Boundary Dimensions (mm)				Weight (kg)	Seal	Remarks	Application	Wheel Bearings Conversion List			
	d	D	B	C					KOYO	SKF	FAG	BCA
DAC408402538	40	84.025	38	38	0.97	C	■	Renault				
DAC42723835	42	72	38	35	0.68							
DAC42750037	42	75	37	37	0.59	C		Alfa Romeo, Audi, Porsche, Saab, BMW	DAC4275BW2FS	8425 630457 8410 31424A 380246 802884A 630186	63063 645485D 821771	613102 613112 613108
DAC42760038/35	42	76	38	35				Nissan				
DAC42760039	42	76	39	39	0.62	A	■	Chrysler				513058
DAC42760040/37	42	76	40	37	0.64	A	■	Chrysler	DAC427640 2RSF	8425 300098A 805627	547093A	613008 613012
DAC42800342	42	80.03	42	42	0.81	C	■	BMW, Chrysler	DAC4280B 2FS	8425 304094D 303885	527243C	513154
DAC42800045	42	80	45	45	0.85				DAC4280WHR4			
DAC42820036	42	82	36	36	0.77	C	■	Citroen, Peugeot, GM通用, "富康"		BA2B 449047	561481 568219	513073
DAC42820037	42	82	37	37	0.79	C	■	Audi		BAHB 311413A	565636	
DAC42840036	42	84	36	36	0.80			Peugeot, Simca, Talbot, "标致505"		BA2B 4440004B	564727	513151
DAC43790041/38	43	79	41	38	0.80				DAC4379-1			
DAC43800050/45	43	80	50	45	0.90				DAC4380A			
DAC43820045	43	82	45	45	0.96				DAC4382W-3CS79			
DAC42840039	42	84	39	39	0.93	A	■	Renault, Peugeot		440090	543358B	
DAC4345820037	43/45	82	37	37	0.76	C	■	Audi		BA1B 633914A BA1B 6313A	567519A	
DAC4345850037	43/45	85	37	37	0.91	E	■					
DAC45800045	45	80	45	45	0.78	C	■▲				564725AB	
DAC45840039	45	84	39	39	0.85	C	■	Citroen, Mercedes, Peugeot, Volvo	DAC458439BW	BA1B 38931C BA1B 62308AC	547100E	513130

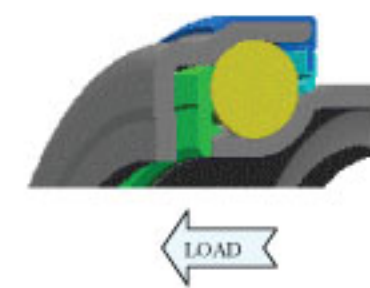
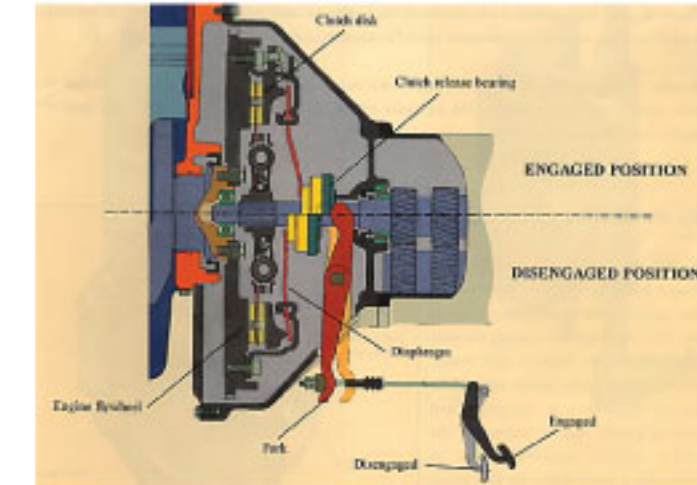
- --- The inner ring is locked
- ▲ --- The outer ring has a lead ladder
- ★ --- Single inner ring

Bearing No.	Boundary Dimensions (mm)				Weight (kg)	Seal	Remarks	Application	Wheel Bearings Conversion List			
	d	D	B	C					KOYO	SKF	FAG	BCA
DAC45850023	45	85	23	23	0.54	D	★	Ford, Citroen, Fiat		63027V N1735L382	4209BTVH	
DAC458500302	45	85	30.2	30.2	0.63	A	■	Ford				
DAC45850041	45	85	41	41	0.89	C	■	BMW			580191	
DAC49880046	49	88	46	46	1.05	C	■	Mercedes-Benz			572508E	
DAC50900034	50	90	34	34	0.82	A				633007C	528514	
DAC50900035	50	90	35	35	0.85	A						

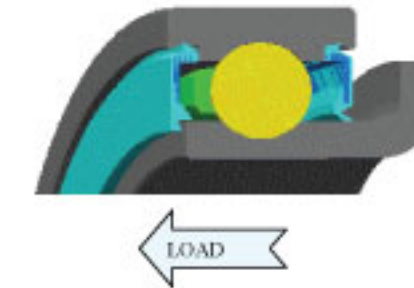
- --- The inner ring is locked
- ▲ --- The outer ring has a lead ladder
- ★ --- Single inner ring

CLUTCH RELEASE BEARING

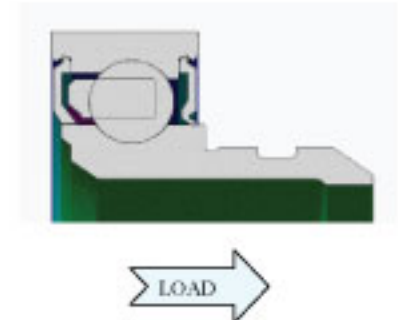
[Overview-Clutch Release Br'g]



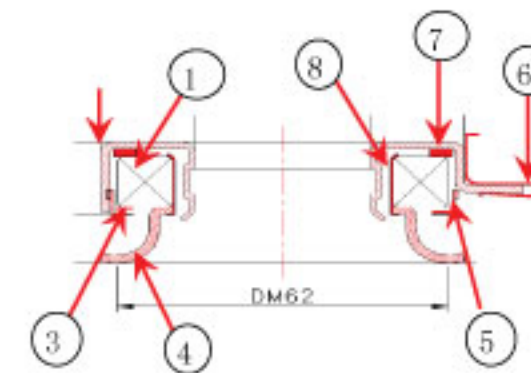
Angular Contact Push Type








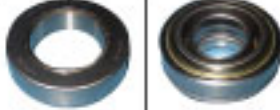


General Push Type






General Full Type



DAIHATSU

DHT-1	FEROZA, HI-JET, HI-JET ATRAI, HI-JET CAB		'RCT282SA VKC3588'
DHT-2	APPLAUSE, CHARADE, INNOCENTI		'44TKB2805FCR44-25-4/ 2ECBU442822VKC3578'
DHT-3	DELTA(V118)		'45TKD10U345TRBC07 -13SARCTS45A VKC354845TRBC07-13SA'
DHT-4	CHARADE, FELLOW MAX, MAX COURE, HI-JET 55 CAB, LEEZA, MIRA CUORE		'35TMK29BSF0721/ 2E RCT35-1 VKC3509 35TRK39'
DHT-5	DELTA, DELTA 2000, DELTA TIPPER, LIGHT BUS		'45TKD07U3 SF0940/ 2E RCTS45S VKC3523'
DHT-6	CHARMANT, DELTA, DELTA 2000, DELTA 750, DELTA TIPPER, DELTA WIDE, LIGHT BUS TAFT, ROCKY		'40TKD03U3 SF0859/ 2E RCTS40B7A2RS VKC3502 40TRBC07-27SB'
DHT-7	DELTA 1500(SV17)		'40TMK20B 40TNK20 40TNK20-1S VKC3519'
DHT-8	CHARMANT, CONSORTE, DELTA 750		'24TK308B2U3VKC3505'

DAEWOO

DW-1	LEMAN		50TKA3805
DW-2	DAMAS/LABO		'50TKB3304 FCR50-30-2 RCTS338SA1 VKC3564'
DW-3	TICO/MATIZ		'RCT283SA VKC3567'

FORD

FRD-1	EUROPE: ECONOVAN, PROBE JAPAN: COURIER, LASER, SPECTRON, TELSTAR, VIRGO		54TKE3602A FCR54-10/2E RCT363SA VKC3507 54SCRN042
FRD-2	LASER		54TKE3601 FCR50-10/2E RCT331SA VKC3568 50SCRN40K

HONDA

HON-1	ACCORD,BALLADE, CIVIC, CRX, PRELUDE, QUINT INTEGRA, VIGOR, ACCURA		55TKA3102 X10-FCR55-5/2E RCTS31SA VKC3508
HON-2	ACCORD(CB3/CB4/CB1)/ASCOT(CB1/CB2/CB4/CB3)/ LEGEND/PRELUDE		CBU553524 VKC3577 55SCRN41P



HYUNDAI

HYD-1	MIGHTY, LIBERO		58TKA3703 RCT371SA VKC3559
HYD-2	BONGO, FRONTIER		FCR-48-4/2E
HYD-3	PORTER, GRACE		FCR-55-17-11/2E RCTS325SA VKC3579
HYD-4	ELANTRA, EXCEL, GRANDEUR, PONY, SCOUPE, SONATA		48TKA3201U3 RCT322SA VKC3515 48SCRN32K

ISUZU

ISZ-1	BIG HORN, ELF, FARGO, FASTER, MU, RODEO, TROOPER, FRONTERA		RCT422SA1 VKC3606
ISZ-2	ELF, ELF 350, LIGHT BUS		54TKA3501 RCT401SA VKC3558
ISZ-3	CHEVROLET LUV, FARGO, FASTER, PIAZZA XS, RODEO, FASTER		48TKA3214 VKC3554
ISZ-4	117 COUPE, BIG HORN, ELF 150, FARGO, FLORIAN, GEMINI, KB, LUV PICK UP, MICROBUS, PIAZZA, TROOPER		24TK308B2U3 VKC3505

MAZDA

MZD-1	FAMILIA STATION WAGON, 323, FAMILIA, LASER		54TKE3601 FCR50-10/2E RCT331SA VKC3568 50SCRN40K
MZD-2	FAMILIA, FESTIVA, LASER, 121, 323		FCR47-B-3/2E VKC3602

NISSAN

NSA-1	AD VAN, AJUSTER, STANZA, BLUEBIRD, LANGLEY, LAUREL SPIRIT, LIBERTA VILLA, MARCH, PRAIRIE, PULSAR, SENTRA, SILVIA, STANZA, SUNNY, SUNNY AD VAN, SUNNY CALIFORNIA, VIOLET/140J/160J/180J		62TKA3309U3 FCR62-26/2E RCTS33SA-1 VKC3560 68SCRN43A
NSA-2	BLUEBIRD, BLUEBIRD MAXIMA, CARAVAN, HOMOY, HOM, CARAVAN, MAXIMA, NAVARA, PATHFINDER, PICKUP, PULSAR, TERRANO, PATHFINDER, URBAN		FCR62-13/2E VKC3581
NSA-3	AD VAN, AJUSTER, STANZA, BLUEBIRD, LANGLEY, LAUREL SPIRIT, LIBERTA VILLANX COUPE, PRAIRIE, PRESEA, PULSAR, PULSAR AD VAN, SENTRA, SUNNY		48TKA3301 FCR48-23-4/2E RCTS33A3 VKC3555
NSA-4	BLUEBIRD, CABATAR, CEDRIC, DATSUN TRUCK, PD21, PGD21, PICKUP, PRAIRLE		FCR62-11/2E VKC3810
NSA-5	200C-STD MODEL ONLY, 710, BLUEBIRD, BLUEBIRD ESTATE WAGON, CABALL, CIVILIAN, JUNIOR, SKYLINE-3 SPEED/4 SPEED, VIOLET 140J/160J/180J		40TMK20B 40TNK20 40TNK20-1S VKC3519
NSA-6	PATROL		TK52Z-1B CT52A-1 VKC3538 BC11S3
NSA-7	LG54V, P-LG54V 11TON TRUCK		65TNK20 65TNK20/2E VKC3527

MITSUBISHI

MTB-1	CANTER, PAJERO, PAJERO, MONTERO, ROSA BUS		58TKA3703 RCT371SA VKC3559
MTB-2	DELICA, L200, L300, DELICA, PAJERO, PAJERO, MONTERO, SHOGUN		FCR-55-17-11/2E RCTS325SA VKC3579
MTB-3	DELICA, ETERNA SIGMA, LAMBDA, FORTE, GALANT, GALANT SIGMA, LAMBDA, ETERNA SIGMA, SAPPORO, L200, L300 MINIBUS, COLT MINIBUS, L300, DELICA, LANCER, LANCER CELESTE, PAJERO, MONTERO, SHOGUN, ROSA BUS, STARION		FCR55-1/2E VKC3592
MTB-4	CHARIOT, COLT, MIRAGE, MIRAGE II, CORDIA, TREDIA, DIAMANTE, ETERNA, ETERNA SIGMA, GALANT, GALANT SIGMA, LAMBDA, ETERNA SIGMA, LANCER, LANCER FIORE, LANCER-S, WANGON, MIRAGE, SPACE WAGON, CHARIOT, TREDIA		48TKA3201U3 RCT322SA VKC3515 48SCRN32K
MTB-5	MINI CAB, MINICA, MINICA VAN, CAB, PICK UP		35TMK29B SF0721/2E RCT35-1 VKC3509 35TRK39
MTB-6	CANTER CARGO, JEEP, ROSA BUS		45TKD07U3 SF0940/2E RCTS45S VKC3523
MTB-7	FUSO		62TMK20-1 VKC3661
MTB-8	ROSA BUS		TK55-1A1U3 55TMK804X/2E CT55BL1 VKC3514 55TNMK804
MTB-9	CANTER, GALANT, GALANT SIGMA, LAMBDA, ETERNA SIGMA, SAPPORO, L200, L300 MINIBUS, COLT MINIBUS, L300, DELICA, LANCER, PAJERO		24TK308B2U3 VKC3505

OPEL

OPL-1	FRONTERA, MONTEREY		RCT422SA1 VKC3606
OPL-2	CAMPO		48TKA3214 VKC3554
OPL-3	CAMPO		24TK308B2U3 VKC3505

PERODUA

PRD-1	KANCIL		VKC366B 44SCRN28P-8
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ROVER

RVR-1	620, 623, 827		CBU553524 VKC3577 55SCRN41P
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SUBARU

SBR-1	DOMINGO, E SERIES, J SERIES, JUSTY, JUSTY, J10, L SERIES, LEONE, LEORNE CAR/VAN&WAGON, SAMBAR-PICKUP		35TMK29B SF0721/2E RCT35-1 VKC3509 35TRK39
SBR-2	R-2, SAMBAR-PICKUP		24TK308B2U3 VKC3505





SUZUKI

SZK-1	CARRY, L/ST SERIES, CULTUS, ESCUDO, JIMNY, SWIFT, VITARA			50TKB3304 FCR50-30-2 RCTS338SA1 VKC3564
SZK-2	ALTO, CARRY L/ST SERIES, FRONTE			35TMK29B SF0721/2E RCT35-1 VKC3509 35TRK39
SZK-3	CULTUS, SWIFT			RCTS28SA VKC3623
SZK-4	LJ50/50-2/51/50V-2/80/81, LJ80, SJ410, SK408, SK410, ST80, CARRY, CARRY, EVERY, CERVO, EVERY, FRONTE VAN&HATCHBACK, JIMNY			24TK308B2U3 VKC3505

VOLKS WAGEN

VW-1	TARO			50TKB3505BR VKC3615
VW-2	TARO			50TKB3504BR RCT356SA9 VKC3616 50SCRN44S-2

DAIHATSU

TYD-1	CARINA, CELICA GT, COROLLA, COROLLA SPRINTER, CORONA CARINA I, CORSA, MR2, SPRINTER, STARLET, TERCEL, PASEO			50TKA3305R RCT337SA3 VKC3556 50SCRN028-1
TYD-2	TOYOACE(WV75D)			VKC3644 68SCRN46P
TYD-3	CAMRY, COLICA, COROLLA, CORONA, VISTA			60TKB3500R VKC3625 60SCRN31P6
TYD-4	BLIZZARD, CAMRY, CARINA, CELICA, DELICA GT/GTV/GTR, SUPRA, CHASER, COASTER, COROLLA, SPRINTER, CORONA, CORONA MK.II, CRESSIDA, CORSA, CRESTA, CROWN, DYNA 150, HIACE, HILUX, LANDCRUISER, LITEACE, MASTER-ACE, SOARER, STOUT, SUPRA, TERCEL, TOWNACE, TOYOACE			40TKD03U3 SF0859/2E RCTS4067A2RS VKC3502 40TRBC07-27SB
TYD-5	COASTER, LANDCRUISER, TOYOACE			TK52Z-1C RCT52S VKC3575 52TRBC09-7SB
TYD-6	COASTER, DYNA/DYNA 200, LANDCRUISER, TOYOACE			45TKD10U3 45TRBC07-13SA RCTS45A VKC3548 45TRBC07-13SA
TYD-7	DYNA			TK52Z-1B CT52A-1 VKC3538 BC11S3
TYD-8	CHASER, CORONA MK.II, CRESSIDA, CRESSIDA, CRESTA, CROWN, DYNA 100, HIACE, HILUX, LITEACE, MASTER-ACEM, MODEL-F, SOARER, SUPRA, TOWNACE, PREVIA			50TKB3504BR RCT356SA9 VKC3616 50SCRN44S-2
TYD-9	COROLLA, SPRINTER 4DS LX/SEL			VKC3622 50SCRN31P-1
TYD-10	COASTER(HZB50)			VKC3647 68SCRN62P
TYD-11	4 RUNNER, CHASER, CORONA MK.II, CRESSIDA, CRESSIDA, CRESTA, CROWN, DYNA, DYNA 150, HIACE, HILUX, LANDCRUISER, STOUT, TOYOACE			50TKB3505BR VKC3615
TYD-12	CARINA, CELICA GT/GTV/LT/ST, COROLLA, CROWN, LITEACE, STARLET			24TK308B2U3 VKC3505

DAIHATSU

					
50SCRNB	TKS54K			50SCRN-A	
					
48RCT3301	60SCRN31P			CB2130SC	
					
F4545B.1	CT143			445208DE	
					
445231-4	TK70-1A1U3,SF1412/2E,CT70B,VKC3541			55TNK29	
					
6013F204A	40TMK29-4SB			RCT52S	
					
CT1310	MA1181			40TRK30W1SB	
					
CT1310	MA1181			40TRK30W1SB	
					
CT5546ARSE					

CLUTCH RELEASE BEARING P/No. REFERENCE

ITEM	NSK	NTN	KOYO	SKF	NACHI	REMARKS
DHT-1			RCT282SA	VKC3588		
DHT-2	44TKB2805	FCR44-25-4/2E	CBU442822	VKC3578		
DHT-3	45TKD10U3	45TRBC07-13SA	RCTS45A	VKC3548	45TRBC07-13SA	
DHT-4	35TMK29B	SF0721/2E	RCT35-1	VKC3509	35TRK39	
DHT-5	45TKD07U3	SF0940/2E	RCTS45S	VKC3523		
DHT-6	40TKD03U3	SF0859/2E	RCTS4067A2RS	VKC3502	40TRBC07-27SB	
DHT-7	40TMK20B	40TNK20	40TNK20-1S	VKC3519	40TNK20	
DHT-8	24TK308B2U3			VKC3505		
DW-1	50TKA3805					
DW-2	50TKB3304	FCR50-30-2	RCTS338SA1	VKC3564		
DW-3			RCT283SA	VKC3567		
FRD-1	54TKE3602A	FCR54-10/2E	RCT363SA	VKC3507	54SCRN042	
FRD-2	54TKE3601	FCR50-10/2E	RCT331SA	VKC3568	50SCRN40K	
MTB-1	58TKA3703		RCT371SA	VKC3559		
MTB-2		FCR-55-17-11/2E	RCTS325SA	VKC3579		
MTB-3		FCR55-1/2E		VKC3592		
MTB-4	48TKA3201U3		RCT322SA	VKC3515	48SCRN32K	
MTB-5	35TMK29B	SF0721/2E	RCT35-1	VKC3509	35TRK39	
MTB-6	45TKD07U3	SF0940/2E	RCTS45S	VKC3523		
MTB-7			62TMK20-1	VKC3661		
MTB-8	TK55-1A1U3	55TMK804X/2E	CT55BL1	VKC3514	55TNMK804	
MTB-9	24TK308B2U3			VKC3505		
HON-1	55TKA3102	X10-FCR55-5/2E	RCTS31SA	VKC3508		
HON-2			CBU553524	VKC3577	55SCRN41P	
HYD-1	58TKA3703		RCT371SA	VKC3559		
HYD-2		FCR-48-4/2E				
HYD-3		FCR-55-17-11/2E	RCTS325SA	VKC3579		
HYD-4	48TKA3201U3		RCT322SA	VKC3515	48SCRN32K	
ISZ-1			RCT422SA1	VKC3606		
ISZ-2	54TKA3501		RCT401SA	VKC3558		
ISZ-3	48TKA3214			VKC3554		
ISZ-4	24TK308B2U3			VKC3505		
MZD-1	54TKE3601	FCR50-10/2E	RCT331SA	VKC3568	50SCRN40K	
MZD-2		FCR47-8-3/2E		VKC3602		
NSA-1	62TKA3309U3	FCR62-26/2E	RCTS33SA-1	VKC3560	68SCRN43A	
NSA-2		FCR62-13/2E		VKC3581		
NSA-3	48TKA3301	FCR48-23-4/2E	RCTS33A3	VKC3555		
NSA-5	40TMK20B	40TNK20	40TNK20-1S	VKC3519	40TNK20	

CLUTCH RELEASE BEARING P/No. REFERENCE

ITEM	NSK	NTN	KOYO	SKF	NACHI	REMARKS
NSA-6	TK52Z-1B		CT52A-1	VKC3538	BC11S3	
NSA-4		FCR62-11/2E		VKC3610		
NSA-7	65TNK20	65TNK20/2E	65TNK20	VKC3527	65TNK20	
OPL-1			RCT422SA1	VKC3606		
OPL-2	48TKA3214			VKC3554		
OPL-3	24TK308B2U3			VKC3505		
PRD-1				VKC3668	44SCRN28P-8	
RVR-1			CBU553524	VKC3577	55SCRN41P	
SZK-1	50TKB3304	FCR50-30-2	RCTS338SA1	VKC3564		
SZK-2	35TMK29B	SF0721/2E	RCT35-1	VKC3509	35TRK39	
SZK-3			RCTS28SA	VKC3623		
SZK-4	24TK308B2U3			VKC3505		
SBR-1	35TMK29B	SF0721/2E	RCT35-1	VKC3509	35TRK39	
SBR-2	24TK308B2U3			VKC3505		
TYD-1	50TKA3305R		RCT337SA3	VKC3556	50SCRN028-1	
TYD-2				VKC3644	68SCRN46P	
TYD-3	60TKB3500R			VKC3625	60SCRN31P6	
TYD-4				VKC3502	40TRK30W1SB	
TYD-5	TK52Z-1C		RCT52S	VKC3575	52TRBC09-7SB	
TYD-6	45TKD10U3	45TRBC07-13SA	RCTS45A	VKC3548	45TRBC07-13SA	
TYD-7	TK52Z-1B		CT52A-1	VKC3538	BC11S3	
TYD-8	50TKB3504BR		RCT356SA9	VKC3616	50SCRN44S-2	
TYD-9				VKC3622	50SCRN31P-1	
TYD-10				VKC3647	68SCRN62P	
TYD-11	50TKB3505BR			VKC3615		
TYD-12	24TK308B2U3			VKC3505		
VW-1	50TKB3505BR			VKC3615		
VW-2	50TKB3504BR		RCT356SA9	VKC3616	50SCRN44S-2	

FOR JAPANESE VEHICLES
FOR MITSUBISHI

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	NW g	GW g
GUM-71	H	14501-27000	44	-	129	2500	2900
GUM-72	A	13518-22000	36	-	104	1000	1000
GUM-73	A	GPW18397	27	-	81.75	480	540
GUM-75	A	MB000154	31	-	102	940	1000
GUM-76	A	13018-21200	25.01	-	77.8	500	570
GUM-77	A	ST-0008	27	-	65.3	470	540
GUM-78	A	ST-0003	25	-	63.8	275	340
GUM-79	A	ST-0024	25.02	-	63.8	275	340
GUM-80	H	12018-01110	46	-	142	2300	2650
GUM-81	A	MB000345	25	-	63.8	275	340
GUM-82	A	13501-11010	38	-	104	1320	1500
GUM-83	H	12017-1000	52	-	154	3950	4300
GUM-84	A	18433-51700	26	-	68	310	380
GUM-85	A	MB000300	22.06	-	62	250	320
GUM-86	A	MT047756	28.52	-	77	500	570
GUM-87	A	MB000119	30	-	78	560	620
GUM-88	A	MB000776	25	-	76.5	405	450
GUM-89	A		22.06	-	67.5		
GUM-90	H	14801-06001	46	-	148	2300	2650
GUM-91	A	MB000948	25	-	76.8	500	570
GUM-92	A	MB000697	20.02	-	54.6	180	230
GUM-93	B	MB000267	30	55.10	-	600	650
GUM-94	A	MC999961	40	-	112	1500	1600
GUM-95	B	64371-10900	22	37.3	-	200	270
GUM-96	A	MC998476	52	-	170	4500	4850
GUM-97	A		44	-	131	2440	2500
GUM-99	A	MC998680	44	-	129	1550	1580

FOR JAPANESE VEHICLES
FOR TOYOTA

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	NW g	G/W g
GUT-11	A	04371-10011	20	-	57	180	250
GUT-12	B	04371-30011	26	53.35		410	480
GUT-13	B	04371-20010	26	42		380	450
GUT-14	A	04371-60010	28.5	-	78	515	590
GUT-15	A	04371-55011	34	-	107	960	1120
GUT-16	H	04371-55020	39.98	-	118	1800	2080
GUT-17	B	04371-30020	29	49		515	590
GUT-19	A	04371-10010	20	-	57	180	250
GUT-20	B	04371-36021	32	61		670	760
GUT-21	B	04371-35020	29	49		515	590
GUT-22	H	04371-55021	40	-	118	1850	2150
GUT-23	B	04371-35030	29	49		515	590
GUT-24	A	04371-13020	22.06	-	57.5	230	280
GUT-25	A	04371-04010	27	-	81.8	515	590
GUT-26	F		28.57	-	107.82	1350	1500
GUT-27	B		28.57	49		500	550

FOR JAPANESE VEHICLES
FOR NISSAN

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	NW g	G/W g
GUN-25	B	37125-01J25	32.00	64		700	800
GUN-26	A	37125-11975	23.82	-	61.3	275	340
GUN-27	B	37125-14625	25.00	40		275	340
GUN-28	B	37125-18025	20.01	35		180	250
GUN-29	B	39625-21025	28.02	53		490	560
GUN-30	A	37125-85461	30.17	-	90.1	670	770
GUN-31	H	37125-50001	32.00	-	107	1010	1130
GUN-32	A	37125-58026	35.50	-	119.2	1320	1450
GUN-33	A	37125-99901	43.00	-	128	1400	1570
GUN-34	B	37125-76025	25.01	52		350	420
GUN-35	B		32.02	-	91.8	840	920
GUN-36	A	23020-4101	25.00	-	77.6	500	570
GUN-38	B	37125-68200	26.00	45.6		350	480
GUN-41	H	37125-90128	43.00	-	135.5	2350	2600
GUN-42	H	37125-99900	40.01	-	123.8	1555	1750
GUN-43	H	37125-90027	55.01	-	163.8	3950	4150
GUN-44	A	48155-99000	20.50	-	56.6	195	290
GUN-45	A	37000-H8500	20.07	-	52.4	200	240
GUN-46	B	37125-01G25	27	46.10		430	500
GUN-47	A	37125-25025	27	-	81.75	480	530
GUN-48	A	37125-7F025	27	-	81.75	480	530
GUN-49	A		18	-	47	200	240

FOR JAPANESE VEHICLES
FOR ISUZU

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	NW g	G/W g
GUIS-51	A	9-37300-017-0	23.82	-	61.3	285	350
GUIS-52	B	9-37300-065-0	29	50		500	570
GUIS-54	H	9-37300-055-0	36	-	97	1260	1360
GUIS-55	H	9-37300-150-0	42	-	125	1520	1810
GUIS-56	A	9-37300-609-0	23.82	-	61.3	285	350
GUIS-57	H	9-37300-163-0	48	-	145	2500	2700
GUIS-58	H	9-37300-112-0	36	-	97	1290	1390
GUIS-59	A	44135-060-37300-139-0	20.5	-	56.6	195	290
GUIS-60	G	9-37300-031-0	49.2	-	148.38	3100	3400
GUIS-61	A	1-37300-013-0	23.82	-	61.3	285	350
GUIS-62	A	9-42072-321-0	35	-	103.92	1100	1320
GUIS-63	A	1-37300-047-0	22.06	-	59.6	230	280
GUIS-64	A	1-37300-004-0	40	-	115	1500	1700
GUIS-65	H	-37300-032-0	45.98	-	136	2200	2600
GUIS-66	A	1-37300-049-0	33	-	93	800	910
GUIS-67	G	1-37300-082-0	56	-	173.9	3850	4250
GUIS-68	H	8-97020-279-0	50	-	155	3700	4100
GUIS-69	A	8-97080-897-0	27	-	81.75	480	540
GUIS-70	B	8-97180-697-0	29	49		500	550
GUIS-71	B		29	49		500	550
GUIS-72	A		42	-	115	1600	1800

FOR JAPANESE VEHICLES
FOR MAZDA

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	N/W g	G/W g
GUMZ-1	A	0136-25-060	25	-	63.8	275	340
GUMZ-2	A	0180-25-060	20.02	-	54.6	180	230
GUMZ-3/4	B	0164-25-060	32	57		500	570
GUMZ-6	B	0706-89-251	28	56		800	910
GUMZ-7	B	0259-25-060	25	41.2		280	350
GUMZ-8	B	0727-25-060	37	67		1230	1410
GUMZ-9	B	1757-89-251	26.5	48		420	500
GUMZ-10	B	3919-89-251	22.5	35		240	310
GUMZ-11	A	M026-25-100	22.06	-	59.6	230	280
GUMZ-12	A	P001-25-060	24.06	-	71.6	260	330

FOR HINO

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	N/W g	G/W g
GUH-03	A	44330-538-004	22	-	65	240	300
GUH-60	A	37401-1172	40.2	-	115.6	1500	1250
GUH-61	H	9-953-3401-01	47	-	124	2000	2250
GUH-62	H	3-302-3403-01	47	-	138	2200	2400
GUH-63	A	3-331-3403-01	35.01	-	99	1260	1360
GUH-64	H	3-302-3403-01	50	-	159	3150	3400
GUH-65	A	3-445-3403-04	36	-	110.5	1250	1450
GUH-66	A	6041-8409-00	23.82	-	65.95	295	380
GUH-67	G	3301-3403-01	49.2	-	148.38	3100	3400
GUH-68	H	04037-4008	47	-	144	2300	2500
GUH-69	A	45220-1060	20	-	58	200	250
GUH-70	H	37401-1061	47	-	130.11	2200	2400
GUH-71	H	37401-1010	47	-	144	2300	2500
GUH-72	H	37401-1080	47	-	144	2300	2500
GUH-73	H	37401-1021	50	-	165	3300	3650
GUH-74	A	37401-1100	36	-	115.6	1100	1500
GUH-75	H	37401-1180	58.03	-	175	4600	5600
GUH-76	H	37401-1220	44	-	125.5	2000	2200

FOR JAPANESE VEHICLES
FOR DAIHATSU

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	N/W g	G/W g
GUD-81	A	4141-4120	2 0.02	-	54.6	180	250
GUD-82	A	4610-4120	2 8	-	80	510	580
GUD-83	A	4123-4120	25	-	63.8	275	340
GUD-84	A	04371-87301	28	-	80	500	590
GUD-85	B	04371-87302	28.57	60.10		610	720
GUD-86	A	04371-87510	20.02	-	54.6	180	230
GUD-87	A	04371-87303	28	-	80	500	590
GUD-88	B	04371-87503	22.5	34.90		240	310
GUD-89	B	04371-87304	30	55.10		600	650

FOR SUZUKI

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	N/W g	G/W g
GUS-1	B	27200-58833	25	38.8		275	340
GUS-2	B	27100-67000	20.01	35		180	250
GUS-6	A	27200-60511	20.07	-	59.8	200	240
GUS-7	A	27200-83010/11	25	-	63.8	275	345

FOR HONDA

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	N/W g	G/W g
HUHO-2	A	40150-567-003	25	-	64	280	345
HUHO-3	A	44330-538-004	22	-	65	240	305

FOR OTHERSKI

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	N/W g	G/W g
GUDUMP-1	A	KAWANISHI(S)	20	-	57.5	180	250
GUDUMP-2	A	KAWANISHI(L)	25	-	77	300	370
GUDUMO-3	A	KONGO	22	-	62	270	340

FOR JAPANESE VEHICLES
FOR STEERING JOINT

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	N/W g	G/W g
ST-1538	A		15	-	38	75	80
ST-1540	A		15	-	40	75	85
ST-1638	A		16	-	38	80	90
ST-1640	A		16	-	40	80	95
ST-1948	A		19	-	48	110	140

FOR KOMATSU

GMB No.	FIG	ORIGINAL NO.	Dm/m	Om/m	Lm/m	N/W g	G/W g
GUKO-1	G	101-10-17100	33.32	-	79.22	580	660
GUKO-2	G	101-10-17200	33.32	-	79.22	580	630
GUKO-3	G	101-10-00042	33.32	-	79.22	580	660
GUKO-4	G	111-10-16110	36.40	-	107.98	1260	1340
GUKO-5	G	131-10-46110	42.88	-	115.05	1960	2040
GUKO-6	G	135-14-00030	42.88	-	140.45	2390	2490
GUKO-7	F	150-11-12360	50/40	163.2	208	4410	4500
GUKO-8	G	175-20-00060	71.44	-	165.1	6200	6300
GUKO-9	F		50/35	184	144.4	2900	3000
GUKO-10	G	141-10-00012	50/35	185	148.38	2900	3000
GUKO-11	G	150-11-00097	50/40	169	208	4400	4500
GUKO-12	G	111-50-11110	33.32	-	79.22	580	660
GUKO-13	A	154-66-12100	33.82	-	61.3	275	330
GUKO-14	G	380-135764-1	51.00	-	208	4900	5000
GUKO-15	G	380-136142-1	49.20	-	148.38	3500	3600
GUKO-16	A	380-154073-1	38.91	-	109.4	1350	1500
GUKO-17	A	380-154081-1	30.18	-	92.05	680	780
GUKO-18	G	380-890373-1	42.88	-	115.05	1900	2000
GUKO-19	G	381-881908-1	42.88	-	115.05	1900	2000
GUKO-20	G	381-972625-1	36.40	-	107.98	1240	1340
GUKO-21	G	381-976907-1	42.88	-	140.45	2400	2500
GUKO-22	G	381-976908-1	42.88	-	140.45	2400	2500
GUKO-23	G	381-985204-1	36.4	-	107.98	1260	1340
GUKO-24		385-10155511		-			
GUKO-25	G	385-10178551	36.4	-	107.98	1260	1340
GUKO-26	G	385-10178571	42.88	-	140.45	2400	2500
GUKO-27	G	385-1019741	49.2	-	148.38	3500	3600
GUKO-28	G	385-10238801	42.88	-	140.45	2400	2500
GUKO-29	G		42.88/33.33	104.25	140.45	1980	2080
GUKO-30	G		42.88/32	83.89	115.05	1550	1650

FOR JAPANESE VEHICLES

FOR RUSSIA VEHICLES

ITEM	FIG	ORIGINAL NO.	Dm/m	Lm/m	APPLICABILITY
01	A	2101-2202025	23.82	61.2	VAZ-2101-2107,LADA
02	A	21050-2202025-01	23.8	61.3	VAZ-2101-2107
03	A	21211-2202025	28	71	VAZ - 21213(NIVA)
04	A	2121-2202025-01	28	71	VAZ - 2121(NIVA)
05	B	408-2201025	28	145/73	MOSKVICH 408
06	B	412-2201025-00	28	155/83	MOSKVICH 412
07	A	4301-2201025A	39	118	ZIL-130
08	A	255B-2201025	50	155	KAMAZ
09	A	4301-3401485	19	44	GAZEL
10	A	5320-2205025	50	135	KAMAZ
11	A	4301-2201025A-1	39	118	KAMAZ
12	A	5320-3422039	28	68	KAMAZ
13	A	53A-2201025	35	98	GAZ-53
14	B	31029-2201025	30	155/88	VOLGA, GAZEL, UAZ
15	A	700-2201080	62	173	K-700
16	B	69-2201025	30	155/88	VOLGA, GAZEL, UAZ

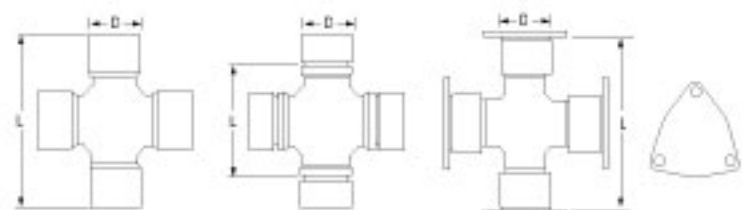


FIG1

FIG2

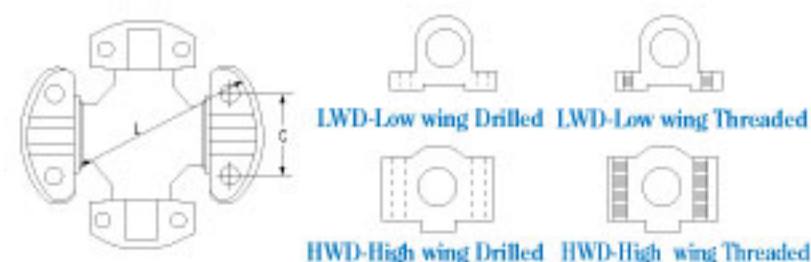
FIG3(with loose plates)

FOR DAF

ITEM	FIG	Dm/m	Lm/m	GKN No.	ORIGINAL NO.
01	1	30.188	106.35	HS179	608921
02	1	35	96.8	HS222	542635
03	1	38	105.8	HS236	314151,314851
04	1	39.675	115.42	HS176	316340
05	1	42	104.5	609057	609057
06	1	44	124.8	HS256	302155,1402644
07	1	47	130.9	HS266	586969,106829
08	1	48	116.4	HS271	507539,609666
09	1	50	131	HS278	178185
10	3	50	152.6	HS381	311267,605804
11	1	52.1	133	HS282	264354
12	1	55	164	HS286	586992
13	1	57.07	144	HS288	505698,75873606

FOR JAPANESE VEHICLES

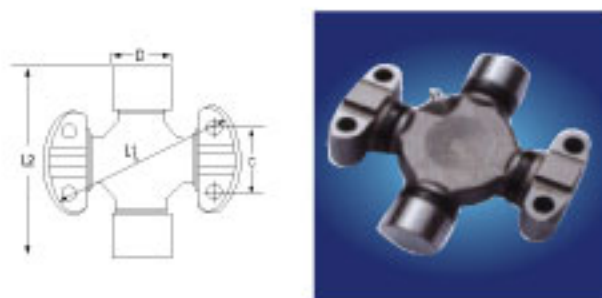
FOR CATERPILLER



ITEM	FIG	Cm/m	Lm/m	CATERPOLLAR	PRECISION NO.	SPICER NO.
01	G	33.34	79	6S6902	951	5-2002X
02	G	33.34	79	316117	994	5-2177X
03	G	33.34	79	6S6902	952	5-2116X
04	G	36.5	90.4	5D9153	536	5-3000X
05	G	36.5	90.4			
06	G	36.5	90.4	9K1976	535	5-3014X
07	G	36.5	90.4		966	
08	G	36.5	108	6H7160	540	5-4002X
09	G	36.5	108	6K0316	969	5-4143X
10	G	36.5	108	5M0800	939	5-4140X
11	G	36.5	108	6H1262	541	5-4123X
12	G	42.88	115.6	7J5251	550	5-5000X
13	G	42.88	115.6	2K3631,8Y0809,8D0537	968	5-5177X
14	G	42.88	115.6	7J5245	552	5-5121X
15	G	42.88	115.6		933	5-5173X
16	G	49.22	130		486	
17	G	49.22	134.8		896	5-5802X
18	G	42.88	140.45		560	5-6000X
19	G	42.7	140.2	1S9670	905	5-6106X
20	G	42.88	140.45	686690	563	5-6102X
21	G	42.88/49.22	140.45/148.4		568	5-6108X
22	G	42.88/49.22	140.45/148.4		569	5-6109X
23	G	42.88/49.22	140.45/148.4		493	
24	G	49.2	148.4	8F7719,641152	570	5-7000X
25	G	49.2	148.4	2H0858,6H2577	927	5-7105X
26	G	49.2	148.4	7J5242	574	5-7202X
27	G	49.2	206.3	XX7146	581	5-8200X
28	G	49.2	206.3		584	5-8203X
29	G	49.2	206.3	6H2579,5H2308	928	5-8105X
30	G	49.2	206.3		1852	5-8201X

FOR JAPANESE VEHICLES
FOR CATERPILLER

ITEM	FIG	Cm/m	Lm/m	CATERPOLLAR	PRECISION NO.	SPICER NO.
31	G	49.2	206.3		783	5-8202X
32	G	60.1	195			
33	G	71.8	165	7K0442	785	5-8500X
34	G	71.8	165	2V7153,2T0096	963	5-8516X
35	G	71.4	165	GUR79	950	5-8515X
36	G	71.44	209.51	9H9491	793	5-9000X
37	G	71.4	209.62	9V7710,8D3144	911	5-9016X
38	G	71.44	209.61		792	5-9002X
39	G	56	174			GUIS67

U-JOINT WITH 2 WING TYPE AND 2 BPLAIN ROUND BEARINGS


YNN NO.	Cm/m	Dm/m	L1m/m	L2m/m	SPICER	PRECISION
YN37108	36.5	30.183	107.9	106.29	5-345X	
YN43155	42.8	34.9	115	126.2	5-348X	
YN43140	42.8	34.92	114.2	126	5-221X	470
YN49135	49.2	34.92	134.8	126.22	5-329X	
YN49148	49.2	41.2	148.2	142	5-330X	
YN43140-1	42.8	34.93	140.3	126.1	5-303X	
YN43140	42.8	34.93	140.4	126.2		
YN43115	42.8	33.85	115	79.2		
YN43155-1	42.8	32.8	115	79.21		
YN43155-2	42.8	34.92	115.06	106.28		
YN49148	49.2	41	148.4	140.5		
YN49148-2	49.2	41.275	148.4	104.5		

FOR JAPANESE VEHICLES
U-JOINT WITH 2 WING TYPE AND 2 GROOVED ROUND BEARINGS

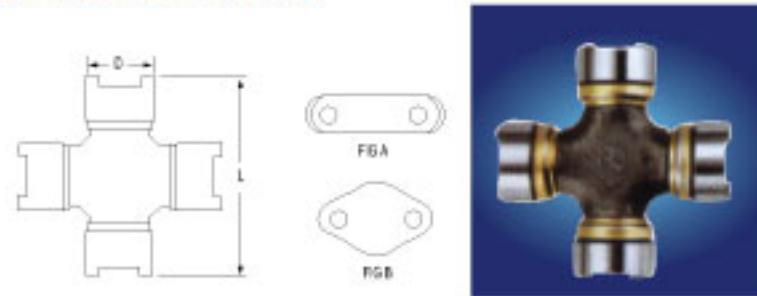
YNN NO.	Cm/m	Dm/m	L1m/m	L2m/m	SPICER	PRECISION
YN3479	33.34	25.4	79	54.5	5-2033X	522
YN3479-1	33.34	25.4	79.22	55.2	5-2031X	508
YN37108	36.5	28.5	108	77.6	5-4016X	546
YN3790	36.5	28.6	90.4	60.2	5-3012X	
YN43115	42.8	33.35	115	79.2	5-5015X	557
YN43140	42.8	33.35	140.45	104.2		565
YN49148	49.2	41.275	148.4	104.4		

U-JOINT WITH 2 WING TYPE AND 2 WELDED PLATE BEARINGS

YNN NO.	Cm/m	Dm/m	L1m/m	L2m/m	SPICER	PRECISION
YN9C492	71.4	49.195	209.3	191.98	5-324X	480
YN8C555	71.4	55.5	209.3	206	5-326X	

FOR JAPANESE VEHICLES

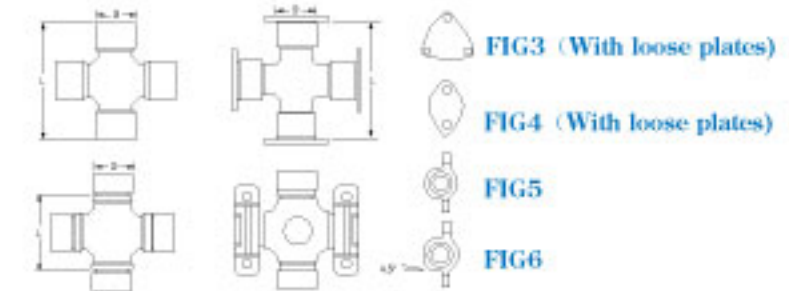
U - JOINT WITH 4 THRUST PLATE BEARINGS



ITEM	Fig	D	L	Lube	GMB	GKN
TS32107	A	32	107	A	GUN31	
TS3697	A	36	97	A	GUI558	HS307
TS42125	A	42	125	M	GUI555	HS310
TS43136	A	43	136	M	GUN41	
TS44139	A	44	129	M	GUM71	HS312
TS46136	A	45.98	136	M	GUI565	
TS46142	A	46	142	M	GUM80	HS313
TS46148	A	46	148	M	GUM90	
TS47144	A	47	144	M	GUH72	
TS48145	A	48	145	M	GUI557	
TSTS50165	A	50	165	M	GUH73	
TS52154	A	52	153.8	M	GUM83	
TS55164	A	55	164	M	GUN43	HS346

FOR EUROPEAN TRUCK

FOR MERCEDES



YNN NO.	FIG	Dm/m	Lm/m	GKN No.	ORIGINAL NO.
YN-446	2	28	49	HS446	1004100131
YN-222	1	35	96.8	HS222	0304100431
YN-480	2	38	57	HS480	3024100031
YN-236	1	38.03	105.6	HS236	0304102031
YN-486	2	42	66.4	HS486	3174100031
YN-259	1	45	118.1	HS259	0304102231
YN-260	1	45	120.4	HS260	004100031
YN-272	1	48.05	125.8	HS272	3604100232
YN-282	1	52.1	133	HS282	3354100031
YN-284	1	53	135	HS284	3634100631
YN-289	1	57.07	152	HS289	3874100031

FOR VOLVO

YNN NO.	FIG	Dm/m	Lm/m	GKN No.	ORIGINAL NO.
YN-194	1	23.82	61.3	HS194	1217606, 656762
YN-150	1	23.82	61.3	HS150	762037
YN-195	1	27	74.6	HS195	348472, 38403
YN-166	1	27	81.78	HS166	231136, 231179
YN-179	1	30.18	106.3	HS179	6652586, 6638385
YN-176	1	39.675	115.42	HS176	6652612, 6638385
YN-380	3	44	126	HS380	232458, 231626
YN-316	4	47.65	135	HS316	46240, 6621920
YN-317	4	49.195	154.76	HS317	231009
YN-381	3	50	152.6	HS381	2331519, 1651032
YN-288	1	57.07	144	HS288	232540
YN-289	3	57.07	152	HS289	1651229

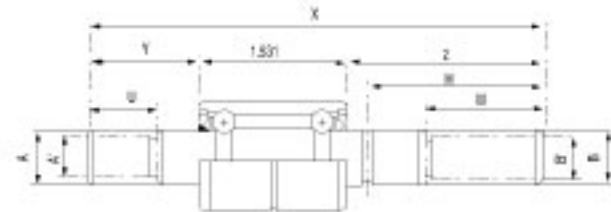
FOR JAPANESE VEHICLES
FOR SCANIA

YNN NO.	FIG	Dm/m	Lm/m	GKN No.	ORIGINAL NO.
YN-239S	5	38	148	HS239S	294380
YN-239T	6	38	148	HS239T	337058
YN-244	1	39	127	HS244	169144, 550614
YN-176	1	39.175	115.42	HS176	750610, 77187
YN-380	3	44	126	HS380	550613, 750602
YN-257	1	44	149	HS257	178258
YN-316	3	47.62	134.9	HS316	78060
YN-268S	5	48	161	HS268S	294383, 365913
YN-268T	6	48.05	161	HS268T	337059, 365901
YN-381	3	50	152.6	HS381	550613, 750613
YN-280	1	50	164	HS280	207563, 264044
YN-294385	1	57	161	294385	294385
YN-292S	5	57	164	HS292S	390225, 366441
YN-292T	6	57	164	HS292T	337060, 366137

FOR EUROPEAN TRUCK
U-JOINT WITH 4 PLAIN ROUND BEARINGS AND 4 GROOVED ROUND BEARINGS

PART No.	FIG	Dm/m	Om/m	Lm/m	GMB No.	GKN
5-10X	A	30.188		106.35	GU2050	HS179
5-100X	B	25.4	38.5		G5-100X	
5-101X	A	23.82		61.30	GU400	HS150
5-103X	B	23.83	35		G5-103X	HS410
5-111X	A	23.825		61.3		HS194
5-113X	A	27		81.78	G5-113X	
5-1200X	B	27	57.4		G5-1200X	
5-1201X	B	27/28.6	55.5		G5-1201X	
5-1203X	B	27	67.6		G5-1203X	
5-1204X	A/B	27/28.6	67.6	92		
5-12062X	A	48.05		161		HS268
5-12072X	B	57.05		162.9	5-12072X	
5-12100X	A	45		120.4	GU-7530	HS260
5-121X	A	27		81.75	G5-121X	
5-12213X	B	38	56		GU-7300	
5-12219X	A	48.05		125.8	GU7620	HS272
5-12276X	A	44.1		149		
5-12278X	A	50		164		HS280
5-12924X	A	52		133	GU7560	HS282
5-12932X	A	57.07		152	GU7630	HS289
5-1301X	B	31.3	71.5		G5-1301X	
5-1306X	B	27.4	50.9		G5-1306X	HS442
5-1306X-1	B	27.4	50.8		G5-1306X-1	HS442
5-1309X	B	28.6	63.96		G5-1309X	
5-13400X	A	23.825		61.3	5-111X	
5-134X	A	27		92/81.7	G5-134X	
5-1501X	B	25.02	40		GUN27	HS420
5-1502X	B	26	42		GUT13	HS432
5-1503X	B	25.02	39.8			
5-1505X	B	28.02	52.9		GUN29	HS448
5-1506X	B	38	56		GU7300	HS480
5-1508X	B	26	53.6		GUT12	HS436
5-1509X	A	28.52		77.7	GUT14	HS172
5-1510X	B	29	49		GUT17	HS454
5-1511X	B	32	61		GUT20	HS470
5-1514X	B	22.52	34			
5-1516X	A	25.02		76.44	GUM88	HS153

WATER PUMP BEARINGS



Bearing No.	w				OS. Shaft O.D				X	Y	Z	H	U	W	Weight (kg)	Water Pump Bearings Conversion List	
	Standard		Step		Standard		Step									FAG	NSK
	A	B	A'	B'	B	A'	B'										
WB1630160	0.6267	0.6267			0.6287	0.6287			6.281	3	1.75	1.5		0.327	W2628-1	885094S	
WB1630106	0.6267	0.6267			0.6287	0.6287			4.172	0.813	1.828	1.642		0.243	W2417-2	885097	
WB1630124	0.6267	0.6267			0.6287	0.6287			4.869	1.25	2.088	1.75		0.27	W2486-2	885100B	
WB1630132A	0.6267	0.6267			0.6287	0.6287			5.203	1.984	1.688	1.438		0.284	W2520	885104A	
WB1630121	0.6267	0.6267			0.6287	0.6287			4.75	1.156	2.063	1.813		0.266	W2476	885105	
WB1630106A	0.6267	0.6267			0.6287	0.6287			4.17	0.159	2.48	1.953		0.242	W2417	885106	
WB1630110A	0.6267	0.6267			0.6287	0.6287			4.312	0.578	2.203			0.248		885107C	
WB163098A	0.6267	0.6267		0.499	0.6287	0.6287		0.501	3.844	0.75	1.563		1.438	0.208	W2384S	885110	
WB1630109	0.6267	0.6267			0.6287	0.6287			4.281	1.078	1.672	1.482		0.247	W2428-1	885111D	
WB1630134	0.6267	0.6267			0.6287	0.6287			5.276	1.678	2.067	1.5		0.287	W2527	885113B	
WB1630150	0.6267	0.6267			0.6287	0.6287			5.907	1.382	2.994			0.312	W2590-2	885116C	
WB1630162	0.6267	0.6267			0.6287	0.6287			6.375	2.297	2.547	2.328		0.331	W2637	885117	
WB1630119	0.6267	0.6267			0.6287	0.6287			4.688	1.469	1.688	1.438		0.263	W2468	885118	
WB163084	0.6267	0.6267		0.4724	0.6287	0.6287		0.4744	3.323	0.512	1.28	1.421	1.197	0.188	W2334S	885122	
WB1630119A	0.6267	0.6267			0.6287	0.6287			4.703	1.281	1.891			0.264	W2470	885135S	
WB1630103	0.6267	0.6267			0.6287	0.6287			4.063	0.922	1.61			0.238	W2406-1	885140	
WB1630128	0.6267	0.6267		0.499	0.6287	0.6287		0.501	5.031	1.016	2.484	2.235	1.5	0.277	W2503	885141	
WB1630143	0.6267	0.6267			0.6287	0.6287			5.625	1.578	2.516			0.301	W2562-1	885144	
WB1630102A	0.6267	0.6267			0.6287	0.6287			4.031	0.875	1.625			0.215	W2404S	885147	
WB1630128A	0.6267	0.6267			0.6287	0.6287			5.031	1.75	1.75			0.277	W2503-6	885151B	

WHEEL BEARINGS

Bearing No.	w				OS. Shaft O.D				X	Y	Z	H	U	W	Weight (kg)	Water Pump Bearings Conversion List	
	Standard		Step		Standard		Step									FAG	NSK
	A	B	A'	B'	B	A'	B'										
WB163073	0.6267	0.6267							2.89	0.156	0.156			0.191	W2289	885154	
WB1630113	0.6267	0.6267			0.6287	0.6287			4.453	1.249	1.249	1.423		0.254	W2445	885155	
WB1630113A	0.6267	0.6267			0.6287	0.6287			4.468	1.078	1.078	1.55		0.254	W2446	885156	
WB1630138	0.6267	0.6267			0.6287	0.6287			5.437	2.297	2.297	1.36		0.293	W2543	885158	
WB1630135	0.6267	0.6267			0.6287	0.6287			5.312	1.312	1.305			0.288	W2531-1	885158AA	
WB1630136A	0.6267	0.6267			0.6287	0.6287			5.37	5.37	1.537	1.928		0.29	W2537	885158P	
WB1630105A	0.6267	0.6267			0.6287	0.6287			4.141	4.141	0.938	1.423		0.241	W2414-2	885159	
WB163083	0.6267	0.6267			0.6287	0.6287			3.25	0.156	1.563			0.206	W2325	885165	
WB1630128B	0.6275	0.6275			0.6295	0.6295			5.031	1.219	2.281	2.031		0.277	W3503-5	885166K	
WB1630112	0.6267	0.6267			0.6287	0.6287			4.39	0.937	1.922	1.672		0.251	W2439	885167	
WB1630112A	0.6267	0.6267			0.6287	0.6287			4.4	1.15	1.719	1.53		0.252	W2440-4	885167D	
WB1630122	0.6275	0.6275			0.6295	0.6295			4.813	1.582	1.7	1.507		0.269	W3481-6	885168AD	
WB1630122B	0.6267	0.6267			0.6287	0.6287			4.813	1.125	2.157	1.937		0.268	W2481-1	885168C	
WB1630122C	0.6275	0.6275			0.6295	0.6295			4.813	1.125	2.157	1.937		0.269	W3481-1	885168H	
WB1630129	0.6267	0.6267			0.6287	0.6287			5.078	1.25	2.297	2.109		0.278	W2507	885169	
WB163069	0.6267	0.6267			0.6287	0.6287			2.72	0.16	1.029			0.185	W2272	885198	
WB163061	0.6267	0.6267			0.6287	0.6287			2.4	0.156	0.713			0.172		885199AF	
WB1630122A	0.6267	0.6267			0.6287	0.6287			4.788	1.237	2.02	1.71		0.267	W2478-1	885238	
WB1630124A	0.6267	0.6267			0.6287	0.6287			4.898	1.57	1.797	1.611		0.272	W2489-5	885245	
WB1630141	0.6267	0.6267			0.6287	0.6287			5.551	1.926	2.094	1.735		0.298	W2555	885248	
WB1630110B	0.6267	0.6267			0.6287	0.6287			4.339	0.936	1.872			0.249	W2432	885305	
WB163096	0.6267	0.6267			0.6287	0.6287			3.858	0.67	1.657			0.23	W2385	885307	
WB163088	0.6267	0.6267		0.4724	0.6287	0.6287		0.4744	3.464	0.709	1.693		1.594	0.193	WS2346-1	885319+	
WB1630102	0.6275	0.6275			0.6295	0.6295			3.996	0.689	1.776			0.236	W2401-3	885321	
WB1630124B	0.6267	0.6267			0.6287	0.6287			4.882	1.654	1.697			0.244	W2488S	885326	
WB1630112B	0.6267	0.6267		0.4724	0.6287	0.6287	0.5532	0.4744	4.409	1.181	1.697		0.858	0.225	W2440-5S	885327	
WB1630101	0.6267	0.6267		0.4724	0.6287	0.6287		0.4744	3.976	0.945	1.5		1.382	0.203		885328	
WB163093	0.6267	0.6267			0.6287	0.6287			3.661	0.728	1.402			0.222	W2366	885330	
WB1630110	0.6267	0.6267			0.6287	0.6287			4.346	0.841	0.974	1.614		0.25	W2434	885332	
WB1630116	0.6267	0.6267			0.6287	0.6287			4.547	0.807	2.209			0.258		885337A	
WB163085	0.6267	0.6267			0.6287	0.6287			3.327	0.679	1.585	1.467		0.188	WS2332-1	885342+	

WATER PUMP BEARINGS

Bearing No.	w				OS. Shaft O.D				X	Y	Z	H	U	W	Weight (kg)	Water Pump Bearings Conversion List	
	Standard		Step		Standard		Step									FAG	NSK
	A	B	A'	B'	B	A'	B'										
WIB163099A	0.6267	0.6267	0.4724	0.6287	0.6287	0.4744	3.917	0.65	1.736				1.684	0.203		885351	
WIB1630115	0.6267	0.6267	0.4724	0.6287	0.6287		4.528	0.65	2.347				1.594	0.229		885354	
WIB1630100	0.6267	0.6267	0.4724	0.6287	0.6287		3.937	0.945	1.461				1.381	0.209		885355	
WIB1630104A	0.6267	0.6267	0.4724	0.6287	0.6287	0.4744	4.075	0.77	1.774				1.654	0.21		885356	
WIB1630113	0.6267	0.6267		0.6287	0.6287		4.449	1.378	1.54					0.253		885357	
WIB1630104B	0.6267	0.6267		0.6287	0.6287		4.075	1.016	1.528					0.239		885358	
WIB1630135A	0.6267	0.6267	0.5015	0.6287	0.6287	0.5035	5.326	2	1.795	1.605			1.47	0.289	W2532	885437S	
WIB1630106B	0.6267	0.6267		0.6287	0.6287		4.18	0.989	1.66					0.222	W2418S	885439	
WIB1630141A	0.6267	0.6267		0.6287	0.6287		5.561	1.53	2.5	2.31				0.298	W2556	885458	
WIB1630101A	0.6267	0.6267	0.4727	0.4995	0.6287	0.6287	0.4747	0.5015	3.966	1.14	1.315		0.937	1.221	0.201	W2398-1S	885467
WIB163099	0.6267	0.6267	0.4727	0.6287	0.6287	0.4747	3.875	0.885	1.469				1.336	0.208	W2387S	885474	
WIB1630122D	0.6267	0.6267	0.4739	0.6287	0.6287	0.4759	4.81	1.334	1.945	1.755			1.023	0.268	W2481	885476	
WIB163092	0.6267	0.6267		0.6287	0.6287		3.641	0.989	1.121					0.204	W2364S	885477	
WIB1630116A	0.6267	0.6267		0.6295	0.6295		4.557	1.057	1.968					0.258	W2455	885495	
WIB1630132	0.6275	0.6275		0.6287	0.6287		5.202	1.582	2.089	1.901				0.284	W3520-2	885521	
WIB1630110C	0.6267	0.6267					4.33	1.139	1.66	1.439				0.249	W2433-2	885524S	
WIB1630101B	0.6267	0.6267		0.6287	0.6287		3.964	1.078	1.375	1.225			1.654	0.235	W2398	885538	
WIB1630139	0.6267	0.6267		0.6287	0.6287		5.485	1.38	2.574	2.214				0.295	W2548-1	885603	
WIB1630133	0.6275	0.6275		0.6287	0.6287		5.222	1.172	2.519	2.33				0.284	W3522-1	885611	
WIB1630154	0.6275	0.6275		0.6295	0.6295		6.072	1.172	3.369	3.119			1.654	0.319	W3607-1	885613	
WIB1630146	0.6267	0.6267		0.6287	0.6287		5.576	2.43	1.795	1.605				0.306	W2575-2	885694S	
WIB1630106D	0.6267	0.6267	0.4724	0.4724	0.6287	0.6287	0.4747	0.4744	4.075	0.849	1.695		0.768	1.594	0.195	W2407-1S	BWF30-6A-A-R
WIB1630106C	0.6267	0.6267	0.4724				4.154	0.925	1.697				1.594	0.212		BWF30-15R	
WIB163093C	0.6267	0.6267	0.4724				3.861	0.728	1.402				1.284	0.198	W2366	BWF30-56CR	
WIB163093A	0.6267	0.6267	0.4724				3.642	0.65	1.461				1.358	0.196		BWF30-A-R96	
WIB163096	0.6267	0.6267	0.4724				3.724	0.756	1.437				1.319	0.2		BWF30-137R	
WIB1630103A	0.6267	0.6267	0.4724	0.4724			4.055	0.65	1.874			0.571	1.693	0.203		BWF30-174XR	
WIB163093B	0.6267	0.6267	0.4724				3.624	0.65	1.461				1.358	0.185		BWF30-181-A-B	

WHEEL BEARINGS

Bearing No.	w				OS. Shaft O.D				X	Y	Z	H	U	W	Weight (kg)	Water Pump Bearings Conversion List	
	Standard		Step		Standard		Step									FAG	NSK
	A	B	A'	B'	B	A'	B'										
WIB1938158	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	6.23	1.7	2.405		0.555	2.23	0.503	WK2558	885707
WIB1938142	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.58	1.73	1.725		1.605	0.487			885719
WIB1938141	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.535	1.56	1.85		1.725	0.482	WK2553-2		885720
WIB1938155	0.7465	0.7465							6.087	0.15	3.812			0.543	WK2534		885730
WIB1938135A	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.34	1.255	1.96		1.86	0.469			885735
WIB1938136	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.37	1.425	1.82		0.485	1.71	0.464	WK2537-1	885737
WIB1938149	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.86	1.615	2.21		1.375	1.955	0.473	WK2586	885740
WIB1938157	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	6.185	1.56	2.48		2.355	0.507	WK2616-2		885746
WIB1938146A	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.75	1.43	2.195		0.54	2.03	0.479	WK2575-1	885747
WIB1938146B	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.75	1.43	2.195		1.185	2.03	0.439	WK2575-4	885760
WIB1938151	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.925	1.38	2.42		2.295	0.495	WK2592		885764
WIB1938121A	0.7465	0.7465	0.4737	0.6267	0.7485	0.7485		0.4759	4.744	1.016	1.603		1.539	0.414			885766
WIB1938140	0.7465	0.7465	0.6267	0.6367	0.7485	0.7485	0.6267	0.6287	5.531	1.292	2.114		0.542	1.99	0.467	WK2553	885771
WIB1938127	0.7465	0.7465	0.6267	0.6275	0.7485	0.7485	0.6275	6295	5	1.06	1.825		0.46	1.725	0.443	WK2500A	885775SC
WIB1938144B	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.688	1.142	2.421		2.298	0.481	WK2568		885777
WIB1938135B	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.31	1.47	1.715		1.615	0.471	WK2531		885781
WIB1938117A	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	4.687	1.047	2.015		1.89	0.384	WK2468-2		885786+
WIB1938154	0.7465	0.7465	0.6275	0.6275	0.7485	0.7485	0.6275	6295	6.072	1.172	2.775		0.34	2.25	0.497	WK2607A	885795SC
WIB1938161	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6287	627	6.34	1.84	2.375		1.305	2.2	0.497		885796
WIB1938121C	0.7465	0.7465			0.7485	0.7485			4.75	1.312	1.312			0.467			885797
WIB1938109	0.7465	0.7465							4.3	0.14	2.035			0.442	WK2475		885800A
WIB1938149A	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.87	2.105	1.64		1.5	0.505	WK2587		885801
WIB1938146C	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.75	1.75	1.875		1.75	0.494	WK2575		885802B
WIB193891	0.7465	0.7465							3.578	0.141	1.312			0.401	WK2357		885803
WIB1938153B	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6287	0.6287	6.04	1.801	2.114		1.21	1.99	0.506	WK2604	885807c
WIB1938137	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.38	1.445	1.81		1.67	0.453	WK2538		885810
WIB1938127A	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5	1.235	1.64		1.547	0.455	WK2500		885811
WIB1938129	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.09	1.4	1.565		0.605	1.473	0.45	WK2509	885811A
WIB1938158B	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	6.22	1.84	2.256		0.582	2.08	0.504		885812
WIB1938143	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485		0.6287	5.641	1.391	2.125		1.938	0.485	WK2564		885815A
WIB1938140A	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.5	1.401	1.974		0.601	1.833	0.466	WK2550	885821

WATER PUMP BEARINGS

Bearing No.	w				OS. Shaft O.D				X	Y	Z	H	U	W	Weight (kg)	Water Pump Bearings Conversion List	
	Standard		Step		Standard		Step									FAG	NSK
	A	B	A'	B'	B	A'	B'										
WIB1938121D	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	4.75	1.313	1.812		0.625	1.703	0.379	WS2475	885825BB+
WIB1938117C	0.7465	0.7465		0.6267	0.7485	0.7485		0.6287	4.614	0.973	2.016			1.86	0.373	WS2460T1556	885830+
WIB1938117B	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	4.614	0.973	2.016		1.02	1.86	0.366	WK2495	885830H+
WIB1938126	0.7465	0.7465		0.6267					4.95	1.215	1.61			1.47	0.435		885832
WIB1938113	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	4.436	1.126	1.665		0.96	1.56	0.32	WS2443	885841+
WIB1938152	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	6	1.4	2.475		0.601	2.299	0.488	WK2660	885844
WIB1938142	0.7465	0.7465		0.6267	0.7485	0.7485		0.6287	5.6	1.5	1.975			1.863	0.483		885850
WIB1938143A	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.615	1.555	1.935		1.215	1.795	0.464	WK2560	885851
WIB1938132	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.2	1.175	1.9		0.485	1.7	0.454	WK2520	885852
WIB1938153C	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	6.02	2.11	1.785		1.12	1.645	0.49	WK2602	885857
WIB1938162	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	6.375	1.4	2.85		0.601	2.758	0.501	WK2637	885858
WIB1938144	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.649	1.214	2.31		0.482	1.99	0.475	WK2564-6	885862B
WIB1938153	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	6.02	1.825	2.07		1.125	1.703	0.49	WK2602-2	885865A
WIB1938128	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.019	1.222	1.672		0.565	1.547	0.445	WK2501-3	885869
WIB1938137A	0.7465	0.7465	0.6267	0.6267	0.7485	0.7485	0.6267	0.6287	5.382	1.585	1.672		0.565	1.547	0.466	WK2538-2	885870
WIB1938137B	0.7465	0.7465		0.6267	0.7485	0.7485		0.6287	5.375	1.62	1.63			1.455	0.477		885872