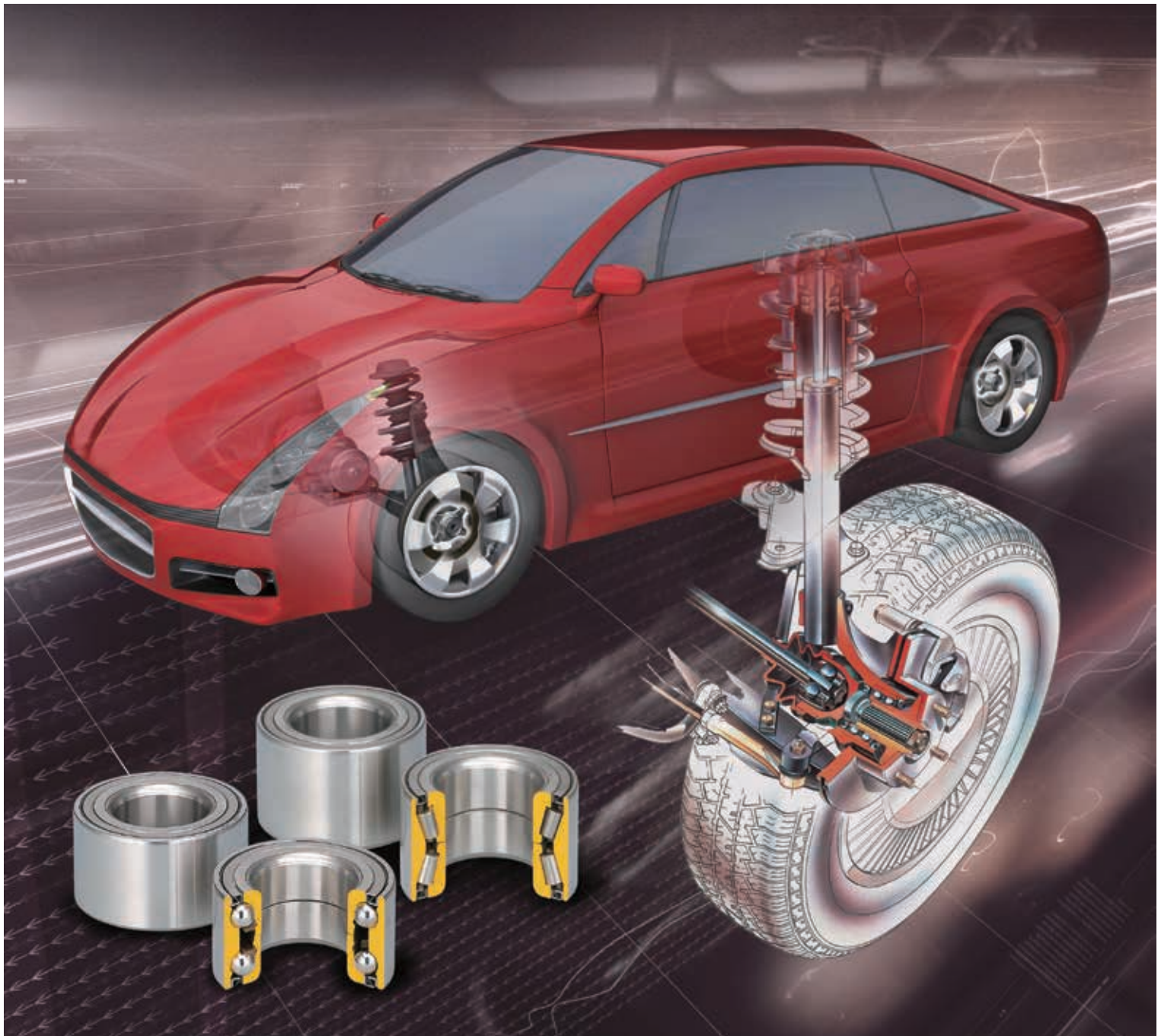


Wheel Bearings

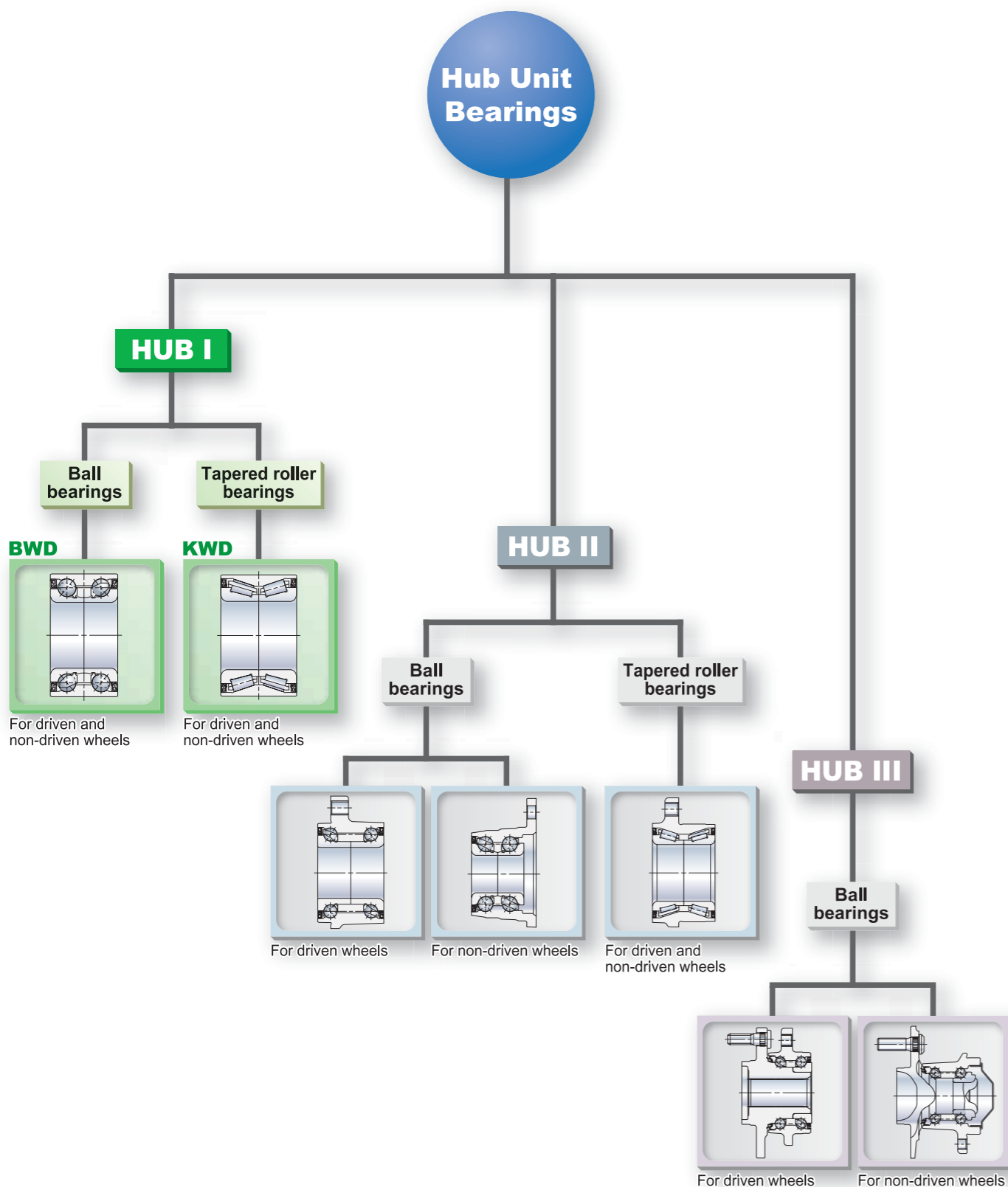
HUBI

For Automotive Aftermarket



Types of Hub Unit Bearings

Hub unit bearings for automobile wheels are comprised of bearing rings, rolling elements, and cages, similar to general-purpose rolling bearings.



HUB I

For HUB I, NSK uses proprietary bearing-type designations such as “BWD” for ball bearings and “KWD” for tapered roller bearings. The HUB I units are double-row angular contact ball bearings (BWD) and double-row tapered roller bearings (KWD) with back-to-back duplex outer rings. No preload adjustments (including dimensional adjustments by shims) are required on the assembly line. The initial axial clearance is properly pre-set for the preload to fall within the

specified range after mounting. In addition, the integral seal eliminates the need for automotive makers to externally apply seals.

NSK uses bearing reference for hub unit bearings clarifying boundary dimensions, types, and specification codes. Below are examples of bearing reference:

Example: **ZA - 35 BWD 18**

Bore diameter 35 mm
 HUB I (Ball bearings) Serial No.






















Example: **ZA - 38 KWD 04 A g3**

Bore diameter 38 mm
 HUB I (Tapered roller bearings) Material code Special code Serial No.



Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
DAEWOO				
Espero				
 (1)	94535254	—	ZA-39BWD01JCA70**	22
Lanos				
 (1)	94535247	—	ZA-34BWD11CA57**	20
Leganza				
 (1)	94535253	—	ZA-39BWD05CA58***	22
DAIHATSU				
Boon Luminas				
 M502, 512	90043-63363	—	ZA-40BWD17DCA116**	24
Xenia				
 (1)	9004A-36087	—	ZA-30BWD10ACA36** LB	26
HONDA				
00M ODYSSEY				
	44300-S2X-003	—	ZA-45BWD09CA110**	24
01M Accord				
	44300-S0A-003	44300-S47-008	ZA-45BWD07BCA78**	24
03M THAI CITY				
 With ABS	44300-SAA-0031	—	ZA-38BWD26E1CA6-01LB	26
 Without ABS	44300-SEL-T011-M1	—	ZA-38BWD26L1CA6-01LB	26
09M China CITY / FIT				
	44300-TK6-A01	—	ZA-43BWD14A1CA69**	24
09M CITY				
	44300-TF0-9510-M1	—	ZA-38BWD27ACA75-01LB	26
09M JAZZ				
	44300-TF0-9510-M1	—	ZA-38BWD27ACA75-01LB	26
09M US FIT				
	44300-TK6-A01	—	ZA-43BWD14A1CA69**	24
11M CIVIC				
	44300-TR0-9520	—	ZA-43BWD15BCA82**S01	24
Accord				
 CL7/8/9	44300-SDA-A52	44300-SDA-A51	ZA-48BWD02A2CA97**	26
 (1)	44300-SE0-003	—	ZA-40BWD05CA60**	22
Car Name is unknown.				
	91051-689-023	—	ZA-36BWD01BCA60**	20
	Not Fit	—	ZA-38BWD04CA60**	20
CR-V				
 (1)	44300-SWE-T011-M1	—	ZA-51BWD01B1CA9-01LB	26
 (1)	44300-SAA-003	—	ZA-38BWD26E1CA61**	22
 RD4/5/6/7	44300-S9A-003	—	ZA-45BWD12J1CA85**	24






















Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
CR-Z				
 ZF1	44300-TK6-A01	—	ZA-43BWD14A1CA69**	24
FF-Car				
 (2)	91051-692-003	—	ZA-35BWD01CCA38**	20
FIT				
 GD1/2/3/4, Disk Brake, With ABS	44300-SAA-003	—	ZA-38BWD26E1CA61**	22
 GD2/4, 4WD, Disk Brake, With ABS	42300-SAB-003	—	ZA-32BWD06E1CA26**	20
 GE6/7/8/9	44300-TF0-951	—	ZA-38BWD27ACA75**S01	22
 GE8, RS+6MT	44300-TK6-A01	—	ZA-43BWD14A1CA69**	24
MOBILIO				
 4WD (1)	42300-SCD-003	—	ZA-32BWD07A1CA15**	20
US FIT				
 (1)	44300-S9H-003	—	ZA-38BWD27ACA68**S01	22
HYUNDAI				
Car Name is unknown.				
	Not Fit	—	ZA-40BWD07ACA85**	22
SONATA-III				
	Not Fit	—	ZA-40BWD14CA80**	24
ISUZU				
D-MAX				
 (1)	8-97216-797-2	—	ZA-42KWD08AU42C-01LB	26
Gemini				
 (1)	8-94152-213-0	—	ZA-34BWD04BCA70**	20
 (1)	8-94464-637-A	—	ZA-34BWD09ACA75**	20
KIA				
Car Name is unknown.				
	KGA2A 33 047	—	ZA-42BWD11CA56**	24
MAZDA				
BT-50/Fighter				
 (1)	UM51-33-047	—	ZA-47KWD02AU42C-01LB	26
FAMILIA				
 BJEP, BJFP	B455-33-047C	—	ZA-40BWD06D-JB-5CA01	22
 BJEP, Disk brake, 1.5L & 1.8L	B455-33-047C	—	ZA-40BWD06D-JB-5CA01	22
 BJFP, 4WD	B455-33-047C	—	ZA-40BWD06D-JB-5CA01	22
 (1)	Not Fit	—	ZA-40BWD06A-JB-5CA01	22
Ixion				
 CP8WF	B455-33-047C	—	ZA-40BWD06D-JB-5CA01	22
LUCIE, COSMO				
 (1)	H260-33-047	—	ZA-38BWD10BCA41**	20

























Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
Premacy				
 CPEW	B455-33-047C	—	ZA-40BWD06D-JB-5CA01	22
Roadster				
 NB6C	B455-33-047C	—	ZA-40BWD06D-JB-5CA01	22
 NB6C	B455-33-047C	—	ZA-40BWD06D-JB-5CA01	22
mitsubishi				
FF-Car				
 (2)	MB633430	—	ZA-45BWD03CA101**	24
Triton				
 2WD (1)	MR992425	—	ZA-40KWD02U42CA-01LB	26
NISSAN				
AD				
 Y10, 4WD+ABS	43210-87N00	43210-87N10	ZA-/HO/36BWD03CA1-01	18
AD Van				
 Y11	40210-4M400	40210-WD200	ZA-/HO/40BWD15A-JB01	18
 Y11, 4WD	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18
Avenir				
 W10, 4WD 9301-	43210-87N00	43210-87N10	ZA-/HO/36BWD03CA1-01	18
 W11	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18
 W11, 4WD	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18
Bluebird				
 U14, 2WD	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18
 U14, 4WD	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18
Bluebird Sylphy				
 G10	40210-4M400	40210-WD200	ZA-/HO/40BWD15A-JB01	18
 G10, 4WD	40210-4M400	40210-WD200	ZA-/HO/40BWD15A-JB01	18
California				
 CY10, 4WD+ABS	43210-87N00	43210-87N10	ZA-/HO/36BWD03CA1-01	18
Cedric/Gloria				
 Y34	43210-AG000	—	ZA-/HO/43BWD13A-JB01	18
Cefiro				
 CA33	40210-2Y000	—	ZA-/HO/43BWD12A-JB01	18
Cube				
 Z10	40210-41B00	—	ZA-/HO/35BWD16-JB-01	18
 Z10, 4WD	40210-4M400	40210-WD200	ZA-/HO/40BWD15A-JB01	18
Expert				
 W11	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18

Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
 W11, 4WD	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18
Figaro				
 FK10, MA10T	40210-34B00	40210-21B00	ZA-/HO/35BWD07CA6-01	18
Lucino				
 B14	40210-50Y00	40210-50Y05	ZA-/HO/38BWD15A-JB01	18
 B14, 4WD	40210-50Y00	40210-50Y05	ZA-/HO/38BWD15A-JB01	18
March				
 K10, MA09RT, 8901-ALL	40210-34B00	40210-21B00	ZA-/HO/35BWD07CA6-01	18
 K11	40210-41B00	—	ZA-/HO/35BWD16-JB-01	18
 K11, 4WD	40210-4M400	40210-WD200	ZA-/HO/40BWD15A-JB01	18
Pao				
 PK10, MA10S	40210-34B00	40210-21B00	ZA-/HO/35BWD07CA6-01	18
PIXO				
 UA0 = A-star	43210-4A00A	—	ZA-25BWD03B1CA42** H	26
Prairie				
 M11, 4WD+SR20DE	43210-87N00	43210-87N10	ZA-/HO/36BWD03CA1-01	18
Prairie/Prairie Liberty				
 M12	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18
 M12, 4WD	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18
Primera				
 P12	40210-2Y000	—	ZA-/HO/43BWD12A-JB01	18
 P12, 4WD	43210-AG000	—	ZA-/HO/43BWD13A-JB01	18
Rnessa				
 N30	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18
SERENA				
 C24, 2WD	40210-AA000	—	ZA-/HO/38BWD23A-JB01	18
Sunny				
 B14	40210-50Y00	40210-50Y05	ZA-/HO/38BWD15A-JB01	18
 B14, 4WD	40210-50Y00	40210-50Y05	ZA-/HO/38BWD15A-JB01	18
 B15	40210-4M400	40210-WD200	ZA-/HO/40BWD15A-JB01	18
 B15, 4WD	40210-4M400	40210-WD200	ZA-/HO/40BWD15A-JB01	18
Tino				
 V10	40210-2Y000	—	ZA-/HO/43BWD12A-JB01	18
Wingroad				
 CY10, 4WD+ABS	43210-87N00	43210-87N10	ZA-/HO/36BWD03CA1-01	18
 Y11	40210-4M400	40210-WD200	ZA-/HO/40BWD15A-JB01	18
 Y11, 4WD	40210-30R01	40210-30R06	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	18















Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
X-Trail				
 T30	40210-2Y000	—	ZA-/HO/43BWD12A-JB01	18
 T30, 4WD	43210-AG000	—	ZA-/HO/43BWD13A-JB01	18
Perodua (DAIHATSU)				
CHARADE				
 FF-Car	Not Fit	—	ZA-38BWD21CA53**	22
PROTON (MITSUBISHI)				
WIRA				
 (1)	Not Fit	MB808442	ZA-40BWD16CA103**	24
SUBARU				
Domingo				
 D11, 4WD=ALL, 2WD=1993/10-98/11	28016-TA000	—	ZA-35BWD14CA62**	20
 D11, 4WD=ALL, 2WD=1993/10-98/11	28316-KC000 28316-KC010 28316-TC000 28316-TC010	—	ZA-35BWD19E-JB-5CA01	20
PLEO				
 R13, 1998/04-2003/12	28316-KC000 28316-KC010 28316-TC000 28316-TC010	—	ZA-35BWD19E-JB-5CA01	20
SAMBAR				
 T11, 4WD=ALL, 2WD=1996/07-98/12	28016-TA000	—	ZA-35BWD14CA62**	20
 T11, 4WD=ALL, 2WD=1996/07-98/12	28316-KC000 28316-KC010 28316-TC000 28316-TC010	—	ZA-35BWD19E-JB-5CA01	20
 T12	28316-KC000 28316-KC010 28316-TC000 28316-TC010	—	ZA-35BWD19E-JB-5CA01	20
SAMBAR 3AT				
 T21	28016-TA000	—	ZA-35BWD14CA62**	20
 T21	28316-KC000 28316-KC010 28316-TC000 28316-TC010	—	ZA-35BWD19E-JB-5CA01	20
SAMBAR EV				
 T22	28316-KC000 28316-KC010 28316-TC000 28316-TC010	—	ZA-35BWD19E-JB-5CA01	20
VIVIO				
 R12, VAN + SEDAN	28016-TA000	—	ZA-35BWD14CA62**	20
 R12, VAN + SEDAN	28316-KC000 28316-KC010 28316-TC000 28316-TC010	—	ZA-35BWD19E-JB-5CA01	20


Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
VIVIO T-TOP				
 R22	28016-TA000	—	ZA-35BWD14CA62**	20
 R22	28316-KC000 28316-KC010 28316-TC000 28316-TC010	—	ZA-35BWD19E-JB-5CA01	20
SUZUKI				
ALTO				
 HA12S/22S/23S/25S/35S	46860-76G13	46860-76G00	ZA-25BWD01E-JB-5CA01	18
 (1)	46860M68K00	—	ZA-25BWD03B1CA42** H	26
ALTO VAN				
 HA12V/23V	46860-76G13	46860-76G00	ZA-25BWD01E-JB-5CA01	18
APV				
 (1)	43462-61J00	—	ZA-35BWD24CA18** LB	26
A-STAR				
 (1)	46860M68K00	—	ZA-25BWD03B1CA42** H	26
Car Name is unknown.				
	43462-60K00	—	ZA-35BWD24BCA18** LB	26
CARRY				
 (1)	09267-28002	—	ZA-28BWD03ACA51**	18
CARRY PICKUP				
 (1)	43462-61J00	—	ZA-35BWD24CA18** LB	26
CERVO				
 HG21S	46860-76G13	46860-76G00	ZA-25BWD01E-JB-5CA01	18
Futura				
 (1)	43462-61J00	—	ZA-35BWD24CA18** LB	26
KEI				
 HN11S/12S/21S/22S	46860-76G13	46860-76G00	ZA-25BWD01E-JB-5CA01	18
LAPIN				
 HE21S/22S	46860-76G13	46860-76G00	ZA-25BWD01E-JB-5CA01	18
MR WAGON				
 MF21S/22S	46860-76G13	46860-76G00	ZA-25BWD01E-JB-5CA01	18
PALETTE				
 MK21S	46860-76G13	46860-76G00	ZA-25BWD01E-JB-5CA01	18
SWIFT				
	43440-80J00 43440-79J00 43440-56K00	43440-55K00	ZA-45BWD16CA103**	26
 ZC11S/21S/71S, ZD11S/21S, 1.2L & 1.3L & 1.5L Engine	46860-63J00	—	ZA-28BWD05ACA30**	18
 ZC11S/21S/71S, ZD11S/21S, 1.2L & 1.3L & 1.5L Engine	46860-63J01	—	ZA-28BWD05BCA30**S01	18
SWIFT SPORT				
 EU : 2005-2010, JP : ZC31S (1.6L-Engine)	43440-80J00 43440-79J00 43440-56K00	43440-55K00	ZA-45BWD16CA103**	26































Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
SX4				
 CHINA : 1.6L-engine	43440-80J00 43440-79J00 43440-56K00	43440-55K00	ZA-45BWD16CA103**	26
 EU, ASIA	43440-80J00 43440-79J00 43440-56K00	43440-55K00	ZA-45BWD16CA103**	26
 YA11S/41S, YB11S/41S	43440-80J00 43440-79J00 43440-56K00	43440-55K00	ZA-45BWD16CA103**	26
WAGON R				
 MC11S/12S/21S/22S, MH21S/22S/23S	46860-76G13	46860-76G00	ZA-25BWD01E-JB-5CA01	18
 (1)	46860M68K00	—	ZA-25BWD03B1CA42** H	26
TOYOTA				
Allion				
 AZT240, NZT240/260, ZZT24#, ZRT26#	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
ALPHARD G/V				
 ANH1#, MNH1#	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
ALPHARD HV				
 ATH10	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
ALTEZZA GITA				
 GXE10, 1#, SXE10, JCE1#	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 GXE15, JCE15	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
ALTEZZA				
 GXE10, 1#, SXE10, JCE1#	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 GXE15, JCE15	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
AQUA				
 NHP10	90363-40079	—	ZA-40BWD17DCA116**	24
ARISTO				
 JZS16#	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 UZS143	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
Avanza				
 (1)	9004A-36087	—	ZA-30BWD10ACA36** LB	26
BB/OPEN DECK				
 NCP3#	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
Belta				
 KSP92, NCP96, SCP92	90363-40079	—	ZA-40BWD17DCA116**	24
BREVIS				
 JCG1#	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 JCG15	90369-43008	90369-43009	ZA-43BWD06BCA133**	24

Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
CALDINA				
 AT191, 211, CT19#, 216, ET196, ST19#, 21#	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 AZT24#, ST246, ZZT241	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
 CT216, ST215	90369-38019	—	ZA-38BWD24CA78**	22
 ST195, 215, CT216	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
CAMRY				
 ACV30	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
 ACV35	90369-38019	—	ZA-38BWD24CA78**	22
 ACV35, 3#, 4#	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
 ACV35, 45	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 CV1#, 20, SV1#, 2#, VZV20	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 CV10, 1#, SV1#	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 CV20, SV20, 21, 22, 2#, VZV20	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 CV30, SV30, 32, 33, VZV31, 33, 3#	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 CV43, SV43	90369-38019	—	ZA-38BWD24CA78**	22
 (1)	90369-T0004	—	ZA-45BWD10ACA86** LB	26
 SV25, 35, 43, CV43	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 SV33, CV30, 4#, SV30, 32, 35, 3#, 4#, VZV3#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
CAMRY GRACIA				
 MCV2#, SXV2#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
 MCV25, SXV25	90369-38019	—	ZA-38BWD24CA78**	22
 MCV25, SXV25	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
CAMRY HYBRID				
 AVV50	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
Car Name is unknown.				
	90903-64003	—	ZA-38BWD18CA138	22
	90363-40082	—	ZA-40BWD17ECA116**	24
	90369-T0005-A	—	ZA-40BWD17ECA11-01LB	26
CARINA ED				
 ST16#, 18#	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 ST205	90369-38019	—	ZA-38BWD24CA78**	22
 ST205	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
CARINA FF				
 AT15#, 160, 17#, 19#, 21#, CT150, 17#, 19#, 21#, ET176, ST150, 162, 170, 19#, 215, 16#, 18#, 200-203	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 AT15#, 160, 170, 171, CT150, CT170, ST150, 162, 170	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 AT175, CT195, 215, ST195, 215	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 CT215, 216, ST215	90369-38019	—	ZA-38BWD24CA78**	22

























Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
CELICA				
 AT160, ST16#, 18#, 18# (CV, GT4, GT4RC, GTR, ZR), 202, 203 (CV, SS1, SS2)	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 AT160, ST160, 162, 163, ST182, 183 => CV, GTR, SR, ZR	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 (1)	90369-43006	—	ZA-43BWD03CA133**	24
 ST165, 185, 205	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 ST205	90369-38019	—	ZA-38BWD24CA78**	22
CHASER				
 GX81, LX80, MX83, SX80, YX80, JZX81	90369-32003	—	ZA-32BWD05CA75**	18
 JZX93, 105, GX105	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
COROLLA				
 AE101:3dr, GT, ABS, SSS	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 AE8#, CE80, EE80	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 AE9#, 10#, 11#, CE9#, 10#, 11#, EE9#, 10#, 11#	90369-38016 90369-38010	90369-38011 90363-38006	ZA-38BWD12CA133** ZA-38BWD12CA145**	22
 (1)	90080-36137-A	—	ZA-40BWD12FCA88-01LB	26
 (1)	90369-28005	—	ZA-28BWD01ACA60**	18
COROLLA 2				
 AL2#	90363-35016	—	ZA-35BWD06ACA125**	20
 EL3#, NL30	90369-38005	90369-38006	ZA-38BWD09ACA120**	20
COROLLA ALLEX				
 CE121, NZE12#, ZZE12#/123	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
COROLLA AXIO				
 NZE14#, ZRE14#	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
COROLLA AXIO/FIELDER				
 NRE160, NZE16#, ZRE162	90363-40079	—	ZA-40BWD17DCA116**	24
COROLLA FIELDER				
 CE121, NZE12#, ZZE12#/123	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
 NZE14#, ZRE14#	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
COROLLA LEVIN / SPRINTER TRUENO				
 AE9#	90369-38016 90369-38010	90369-38011 90363-38006	ZA-38BWD12CA133** ZA-38BWD12CA145**	22
COROLLA RUNX				
 CE121, NZE12#, ZZE12#/123	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
COROLLA SPACIO				
 AE11#	90369-38016 90369-38010	90369-38011 90363-38006	ZA-38BWD12CA133** ZA-38BWD12CA145**	22
 NZE121, ZZE12#	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
CORONA				
 AT150, 170, 175, 17#, 190, 21#, CT150, 17#, 19#, 21#, ST150, 16#, 17#, 19#, 21#, ET176	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 AT150, 170, CT150, 170, ST150, 16#, 17#	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18

Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
 AT175, CT195, 215, ST195, 215	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 CT216, ST215	90369-38019	—	ZA-38BWD24CA78**	22
 (1)	90369-38014	—	ZA-38BWD01A1-A-CA-02	20
CORONA EXIV				
 ST18#	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 ST18#, 200, 201, 202, 203	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 ST205	90369-38019	—	ZA-38BWD24CA78**	22
 ST205	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
CORONA FF COUPE				
 AT160, ST16#	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 AT160, ST16#	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
CORSA				
 AL2#	90363-35016	—	ZA-35BWD06ACA125**	20
 EL3#, NL30	90369-38005	90369-38006	ZA-38BWD09ACA120**	20
CRESTA				
 GX81, LX80, MX83, SX80, YX80, JZX81	90369-32003	—	ZA-32BWD05CA75**	18
 JZX93, 105, GX105	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
CROWN				
 GS171, JKS175, JZS17#, UZS17#	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 UZS143, 145, 155, 173, JZS153, 157, 173, 179	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
CROWN COMFORT				
 TSS1#, GBS12, GXS10, 12, LXS11, SXS11, 13, YXS10, 1#	90369-32003	—	ZA-32BWD05CA75**	18
CROWN MAJESTA				
 GS171, JKS175, JZS17#, UZS17#	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 UZS143, 145, 155, 173, JZS153, 157, 173, 179	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
CROWN SEDAN				
 TSS1#, GBS12, GXS10, 12, LXS11, SXS11, 13, YXS10, 1#	90369-32003	—	ZA-32BWD05CA75**	18
CURREN				
 ST20#	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
Cynos				
 EL44, EL5#	90369-38005	90369-38006	ZA-38BWD09ACA120**	20
ESTIMA HYBRID				
 AHR10	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
ESTIMA T/L				
 ACR30, 40, MCR30, 40	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
FORTUNER/HILUX/HILUX VIGO/INNOVA				
 IMV (1)	90366-T0007 90366-T0043 90366-T0008 90080-36205	—	ZA-43KWD07AU42C-01LB	26

Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
FR				
 (2)	90363-32034	—	ZA-32BWD05CA105**	18
FUN CARGO				
 NCP2#	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
GAIA				
 CXM10, SXM1#, 15, ACM1#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
HARRIER				
 ACU1#, MCU1#, SXU1#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
 ACU15, MCU15, SXU15	90369-38019	—	ZA-38BWD24CA78**	22
 GSU3#, ACU3#, MCU3#	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
HARRIER HV				
 MHU38	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
HILUX/HILUX SW4/FORTUNER/HILUX VIGO				
 IMV (1)	90366-T0044	—	ZA-42KWD10U42CA-01LB	26
IPSUM				
 CXM10, SXM1#, ACM2#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
iQ				
 NGJ10	90363-40079	—	ZA-40BWD17DCA116**	24
ISIS				
 ANM1#, ZNM10, ZGM1#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
IST				
 NCP11#, ZSP110	90363-40079	—	ZA-40BWD17DCA116**	24
 NCP6#	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
KLUGER HV				
 MHU28	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
KLUGER LV				
 ACU2#, MCU20, 2#	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
 ACU25, MCU25	90369-38019	—	ZA-38BWD24CA78**	22
LEVIN / CERES / TRUENO / MARINO				
 AE10#. F, G, GT, GTAPEX, S, SJ, X	90369-38016 90369-38010	90369-38011 90363-38006	ZA-38BWD12CA133** ZA-38BWD12CA145**	22
LEVIN / TRUENO				
 AE11#, BZG, FZ, XZ	90369-38016 90369-38010	90369-38011 90363-38006	ZA-38BWD12CA133** ZA-38BWD12CA145**	22
LEVIN/CERES/TRUENO/MARINO				
 AE101, GTZ, GT-APEX (with SSS)	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
LEXUS RX270/350/450H				
 AGL10, GGL1#, GYL1#	90369-45007 90369-A0002	90369-45006	ZA-45BWD17CA84**	26


Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
LEXUS SC430				
 UZZ40	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
MARK2				
 GX11#, JZX110, 11#, 115	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 GX115, JZX115	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
 GX81, LX80, MX83, SX80, YX80, JZX81	90369-32003	—	ZA-32BWD05CA75**	18
 JZX93, 105, GX105	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
MARK2 BLIT				
 GX11#, JZX110, 11#, 115	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 GX115, JZX115	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
MARK2 WG				
 MCV2#, SXV2#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
 MCV25, SXV25	90369-38019	—	ZA-38BWD24CA78**	22
MARK2 WGN				
 MCV25, SXV25	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
MR2				
 AW1#	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 SW20	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 SW20	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
MR-S				
 ZZW30	90363-40067	90363-40066	ZA-40BWD12FCA88**	24
NADIA				
 ACN1#, SXN1#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
NOAH				
 AZR6#, ZZR7#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
Opa				
 ACT10, ZCT1#	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
ORIGIN				
 JCG17	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
Passo Sette				
 M502, 512	90043-63363	—	ZA-40BWD17DCA116**	24
PLATZ				
 NCP1#, SCP11	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
PORTE				
 NCP14#, NSP140	90363-40079	—	ZA-40BWD17DCA116**	24
 NNP1#	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
Premio				
 AZT240, NZT240/260, ZZT24#, ZRT26#	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
Prius				
 NHW1#	90363-40067	90363-40066	ZA-40BWD12FCA88**	22


















Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
PROBOX				
 NCP50, 55, 5#, NLP51	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
PROGRES				
 JCG1#	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 JCG15	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
Ractis				
 NCP10#/12#, SCP100, NSP12#	90363-40079	—	ZA-40BWD17DCA116**	24
RAUM				
 EXZ10,15	90369-38005	90369-38006	ZA-38BWD09ACA120**	20
 NCZ2#	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
RAV4				
 SXA1#	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 SXA1#, 10, 11	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
RAV4 J/L				
 ACA2#, ZCA2#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
SCEPTER SED				
 SXV10, VCV10	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
SIENTA				
 NCP8#	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
SOARER				
 (1)	90369-43006	—	ZA-43BWD03CA133**	24
 UZZ40	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
SOLUNA VIOS				
 (1)	90080-36178-A	—	ZA-38BWD22LCA96-01LB	26
SPADE				
 NCP14#, NSP140	90363-40079	—	ZA-40BWD17DCA116**	24
SPRINTER				
 AE8#, CE80, EE80	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 AE9#, 10#, 11#, CE9#, 90, 95, 96, 10#, 11#, EE90, 9#, 96, 98, 10#, 11#	90369-38016 90369-38010	90369-38011 90363-38006	ZA-38BWD12CA133** ZA-38BWD12CA145**	22
SPRINTER CARIB				
 AE95 With ABS, AE11#	90369-38016 90369-38010	90369-38011 90363-38006	ZA-38BWD12CA133** ZA-38BWD12CA145**	22
 AL25	90363-35016	—	ZA-35BWD06ACA125**	20
STARLET				
 (1)	90369-35030	—	ZA-35BWD07ACA108**	20
 (1)	90369-35062	—	ZA-35BWD07CA123**	20
SUCCEED				
 NCP50, 55, 5#, NLP51	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
Tacoma				
 (1)	90366-A0001	—	ZA-43KWD07BU42CA01LB	26

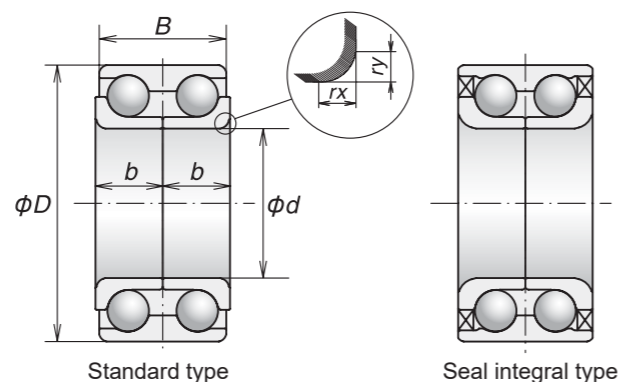
Classification by vehicle model

(1) Model Year is unknown, (2) Car Name is unknown.

MODEL / TYPE	ORIGINAL No.-1	ORIGINAL No.-2	NSK No.	REFERENCE PAGE
TERCEL				
 AL2#	90363-35016	—	ZA-35BWD06ACA125**	20
 EL3#, NL30	90369-38005	90369-38006	ZA-38BWD09ACA120**	20
VEROSSA				
 GX11#, JZX110	90369-49001	90369-49002	ZA-49BWD02-A-CA10-01	26
 GX115	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
Vios				
 (1)	90363-T0023-A	—	ZA-40BWD17DCA11-01LB	26
VISTA				
 AZV5#, SV5#, ZZV50	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
 CV1#, 20, SV1#, 2#, VZV20	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 CV10, 1#, SV1#	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 CV20, SV20, 21, 22, 2#, VZV20	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 CV30, SV30, 32, 33, VZV31, 33, 3#	90369-30043	90369-30044	ZA-30BWD01A-A-CA8-01	18
 CV43, SV43	90369-38019	—	ZA-38BWD24CA78**	22
 (1)	90369-38014	—	ZA-38BWD01A1-A-CA-02	20
 SV25, 35, 43, CV43	90369-38003	—	ZA-38BWD01A1-A-CA-01	20
 SV33, CV30, 4#, SV30, 32, 35, 3#, 4#, VZV3#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
VITZ				
 KSP90/130, NCP9#/91/131, SCP90, NSP13#	90363-40079	—	ZA-40BWD17DCA116**	24
 NCP1#, SCP1#, 10	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
VOXY				
 AZR6#, ZZR7#	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
WILL CYPHA				
 NCP7#	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
WILL VI				
 NCP19	90369-38022	90369-38021	ZA-38BWD22LCA96**	22
WILL VS				
 NZE127, ZZE12#	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
WINDOM				
 MCV30	90369-45005 90363-W0001	90369-45003 90369-45004	ZA-45BWD10ACA86**	24
 VCV1#, MCV2#, 30	90369-43008	90369-43009	ZA-43BWD06BCA133**	24
Wish				
 ANE1#, ZNE1#, ZGE1#	90363-40067	90363-40066	ZA-40BWD12FCA88**	22
VW				
SANTANA				
 (1)	Not Fit	—	ZA-39BWD02D-A-CA1-01	22

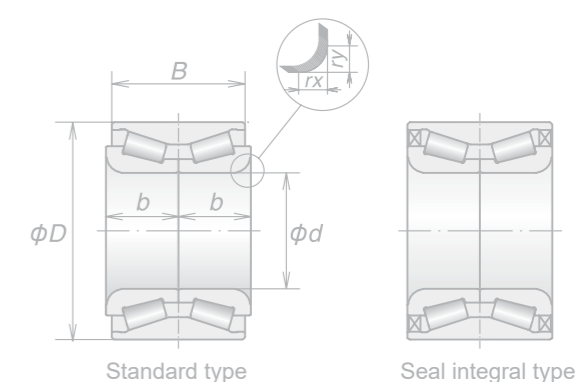
Classification by bearing type and NSK P/N

BWD type
for driven/non-driven Wheels



Classification by bearing type and NSK P/N

KWD type
for driven/non-driven Wheels



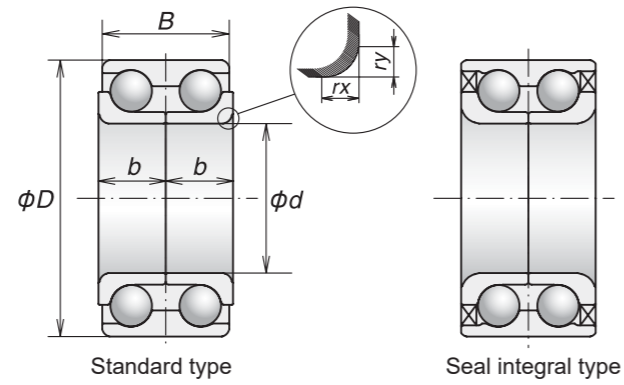
as of 2012.06

BEARING TYPE	NSK No.	ORIGINAL No.-1	ORIGINAL No.-2	MAKER	TYPE / MODEL
BWD	ZA-/HO/35BWD16-JB-01	40210-41B00	—	NISSAN	MARCH (K11), Cube (Z10)
BWD	ZA-/HO/36BWD03CA1-01	43210-87N00	43210-87N10	NISSAN	Prairie (M11, 4WD+SR20DE), California/Wingroad (CY10, 4WD+ABS), Avenir (W10, 4WD 9301-), AD (Y10, 4WD+ABS)
BWD	ZA-/HO/38BWD15A-JB01	40210-50Y00	40210-50Y05	NISSAN	Sunny/Lucino (B14)
BWD	ZA-/HO/38BWD15A-JB01	40210-50Y00	40210-50Y05	NISSAN	Sunny/Lucino (B14, 4WD)
BWD	ZA-/HO/38BWD23A-JB01	40210-AA000	—	NISSAN	SERENA (C24, 2WD)
BWD	ZA-/HO/40BWD15A-JB01	40210-4M400	40210-WD200	NISSAN	Sunny (B15), AD Van/Wingroad (Y11), Bluebird Sylphy (G10)
BWD	ZA-/HO/40BWD15A-JB01	40210-4M400	40210-WD200	NISSAN	Sunny (B15, 4WD), March (K11, 4WD), Cube (Z10, 4WD), Bluebird Sylphy (G10, 4WD)
BWD	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	40210-30R01	40210-30R06	NISSAN	Avenir/Expert (W11), Bluebird (U14, 2WD), Prairie (Liberty) (M12), Rnessa (N30)
BWD	ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	40210-30R01	40210-30R06	NISSAN	AD Van/Wingroad (Y11, 4WD), Bluebird (U14, 4WD), Expert/Avenir (W11, 4WD), Prairie (Liberty) (M12, 4WD)
BWD	ZA-/HO/43BWD12A-JB01	40210-2Y000	—	NISSAN	X-Trail (T30), Primera (P12), Cefiro (CA33), Tino (V10)
BWD	ZA-/HO/43BWD13A-JB01	43210-AG000	—	NISSAN	Cedric/Gloria (Y34), Primera (P12, 4WD), X-Trail (T30, 4WD)
BWD	ZA-25BWD01E-JB-5CA01	46860-76G13	46860-76G00	SUZUKI	ALTO (HA12S/22S/23S/25S/35S), ALTO VAN (HA12V/23V), CERVO (HG21S), KEI (HN11S/12S/21S/22S), LAPIN (HE21S/22S), MR WAGON (MF21S/22S), PALETTE (MK21S), WAGON R (MC11S/12S/21S/22S, MH21S/22S/23S)
BWD	ZA-28BWD01ACA60**	90369-28005	—	TOYOTA	COROLLA (Model Year is unknown.)
BWD	ZA-28BWD03ACA51**	09267-28002	—	SUZUKI	CARRY (Model Year is unknown.)
BWD	ZA-28BWD05ACA30**	46860-63J00	—	SUZUKI	SWIFT (ZC11S/21S/71S, ZD11S/21S, 1.2L & 1.3L & 1.5L Engine)
BWD	ZA-28BWD05BCA30**S01	46860-63J01	—	SUZUKI	SWIFT (ZC11S/21S/71S, ZD11S/21S, 1.2L & 1.3L & 1.5L Engine)
BWD	ZA-30BWD01A-A-CA8-01	90369-30043	90369-30044	TOYOTA	CARINA FF (AT15#, 160, 170, 171, CT150, CT170, ST150, 162, 170), CELICA (AT160, ST160, 162, 163, ST182, 183 => CV, GTR, SR, ZR), CORONA FF COUPE (AT160, ST16#), CORONA EXIV (ST18#), CARINA ED (ST16#, 18#), CORONA (AT150, 170, CT150, 170, ST150, 16#, 17#), CAMRY/VISTA (CV10, 1#, SV1#), CAMRY/VISTA (CV20, SV20, 21, 22, 2#, VZV20), CAMRY/VISTA (CV30, SV30, 32, 33, VZV31, 33, 3#)
BWD	ZA-30BWD01A-A-CA8-01	90369-30043	90369-30044	TOYOTA	MR2 (SW20)
BWD	ZA-32BWD05CA105**	90363-32034	—	TOYOTA	FR (Car Name is unknown.)
BWD	ZA-32BWD05CA75**	90369-32003	—	TOYOTA	MARK 2/CHASER/CRESTA (GX81, LX80, MX83, SX80, YX80, JZX81), CROWN COMFORT/SEDAN (TSS1#, GBS12, GXS10, 12, LXS11, SXS11, 13, YXS10, 1#)

NSK No.	POSITION	BOUNDARY DIMENSIONS (mm)						SEAL INTEGRAL TYPE	ABS SENSOR	MASS (kg) (approx)
		d	D	B	b	rx (min)	ry (min)			
ZA-/HO/35BWD07CA6-01	Front Wheel	35	68	30	16.5	3.5	3.5	No	—	0.50
ZA-/HO/35BWD16-JB-01	Front Wheel	35	68	36	19.5	3.5	3.5	No	—	0.58
ZA-/HO/36BWD03CA1-01	Rear Wheel	36	72	42	21	3	3	No	—	0.65
ZA-/HO/38BWD15A-JB01	Front Wheel	38	74	33	18	4	3.5	No	—	0.65
ZA-/HO/38BWD15A-JB01	Rear Wheel	38	74	33	18	4	3.5	No	—	0.65
ZA-/HO/38BWD23A-JB01	Rear Wheel	38	76	43	21.5	4.8	3.8	Yes	—	0.85
ZA-/HO/40BWD15A-JB01	Front Wheel	40	74	36	18	4.8	3.8	Yes	—	0.65
ZA-/HO/40BWD15A-JB01	Rear Wheel	40	74	36	18	4.8	3.8	Yes	—	0.65
ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	Front Wheel	42	76	35	19	3.6	3.5	No	—	0.65
ZA-/HO/42BWD06-JB-01 ZA-42BWD06A-JB-5CA01	Rear Wheel	42	76	35	19	3.6	3.5	No	—	0.65
ZA-/HO/43BWD12A-JB01	Front Wheel	43	76	43	21.5	4.8	3.8	Yes	—	0.71
ZA-/HO/43BWD13A-JB01	Rear Wheel	43	79	45	22.5	4.8	3.1	Yes	—	0.85
ZA-25BWD01E-JB-5CA01	Rear Wheel	25	52	42	21	2.6	2.6	Yes	—	0.37
ZA-28BWD01ACA60**	Rear Wheel	28	61	42	21	3.6	3.6	No	—	0.53
ZA-28BWD03ACA51**	Front Wheel	28	58	42	21	2.8	2.8	Yes	—	0.45
ZA-28BWD05ACA30**	Rear Wheel	28	58	44	22	3.6	3.6	Yes	—	0.48
ZA-28BWD05BCA30**S01	Rear Wheel	28	58	44	22	3.6	3.6	Yes	—	0.48
ZA-30BWD01A-A-CA8-01	Rear Wheel	30	63	42	21	3.6	3.6	No	—	0.58
ZA-30BWD01A-A-CA8-01	Front Wheel	30	63	42	21	3.6	3.6	No	—	0.58
ZA-32BWD05CA105**	Front Wheel	32	72	45	22.5	3.6	3.6	No	—	0.83
ZA-32BWD05CA75**	Front Wheel	32	72	45	22.5	3.6	3.6	No	—	0.83

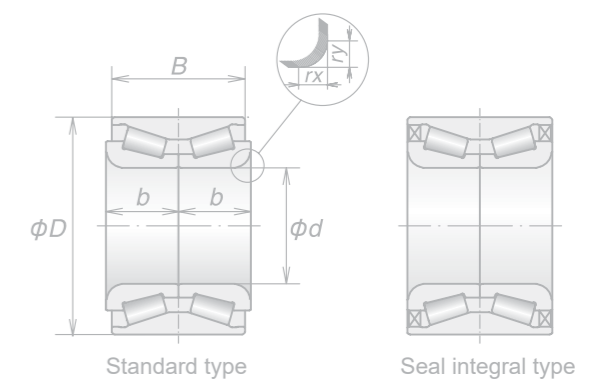
Classification by bearing type and NSK P/N

BWD type
for driven/non-driven Wheels



Classification by bearing type and NSK P/N

KWD type
for driven/non-driven Wheels



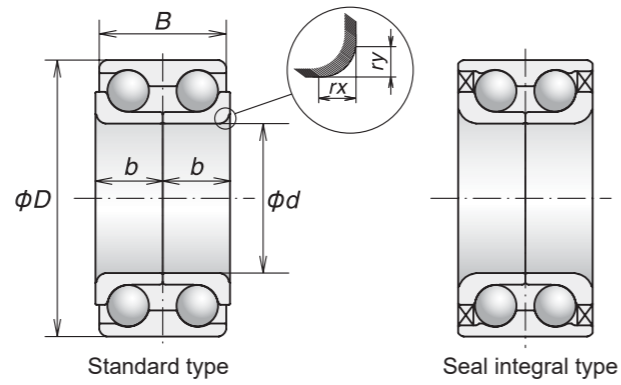
as of 2012.06

BEARING TYPE	NSK No.	ORIGINAL No.-1	ORIGINAL No.-2	MAKER	TYPE / MODEL
BWD	ZA-32BWD06E1CA26**	42300-SAB-003	—	HONDA	FIT (GD2/4, 4WD, Disk Brake, With ABS)
BWD	ZA-32BWD07A1CA15**	42300-SCD-003	—	HONDA	MOBILIO (4WD, Model Year is unknown.)
BWD	ZA-34BWD04BCA70**	8-94152-213-0	—	ISUZU	Gemini (Model year is unknown.)
BWD	ZA-34BWD09ACA75**	8-94464-637-A	—	ISUZU	Gemini (Model year is unknown.)
BWD	ZA-34BWD11CA57**	94535247	—	DAEWOO	Lanos (Model year is unknown.)
BWD	ZA-35BWD01CCA38**	91051-692-003	—	HONDA	FF-Car (Car Name is unknown.)
BWD	ZA-35BWD06ACA125**	90363-35016	—	TOYOTA	CORSA/TERCEL/COROLLA 2 (AL2#), SPRINTER CARIB (AL25)
BWD	ZA-35BWD07ACA108**	90369-35030	—	TOYOTA	STARLET (Model Year is unknown.)
BWD	ZA-35BWD07CA123**	90369-35062	—	TOYOTA	STARLET (Model Year is unknown.)
BWD	ZA-35BWD14CA62**	28016-TA000	—	SUBARU	Domingo (D11, 4WD=ALL, 2WD=1993/10-98/11), VIVIO (R12, VAN + SEDAN), VIVIO T-TOP (R22), SAMBAR (T11, 4WD=ALL, 2WD=1996/07-98/12), SAMBAR 3AT (T21)
BWD	ZA-35BWD19E-JB-5CA01	28316-KC000 28316-KC010 28316-TC000 28316-TC010	—	SUBARU	Domingo (D11, 4WD=ALL, 2WD=1993/10-98/11), VIVIO (R12, VAN + SEDAN), VIVIO T-TOP (R22), SAMBAR (T11, 4WD=ALL, 2WD=1996/07-98/12), SAMBAR 3AT (T21), PLEO (R13, 19 98/04-2003/12), SAMBAR EV (T22), SAMBAR (T12)
BWD	ZA-36BWD01BCA60**	91051-689-023	—	HONDA	Car Name is unknown.
BWD	ZA-38BWD01A1-A-CA-02	90369-38014	—	TOYOTA	VISTA, CORONA (Model Year is unknown.)
BWD	ZA-38BWD01A1-A-CA-01	90369-38003	—	TOYOTA	COROLLA/SPRINTER (AE8#, CE80, EE80), COROLLA (AE101:3dr, GT, ABS, SSS), LEVIN/CERES/TRUENO/MARINO (AE101, GTZ, GT-APEX (with SSS)), CARINA FF (AT15#, 160, 17#, 19#, 21#, CT150, 17#, 19#, 21#, ET176, ST150, 162, 170, 19#, 215, 16#, 18#, 200-203), CELICA (AT160, ST16#, 18#, 18#(CV, GT4, GT4RC, GTR, ZR), 202, 203 (CV, SS1, SS2)), CURREN (ST20#), CORONA FF COUPE (AT160, ST16#), CORONA EXIV (ST18#, 200, 201, 202, 203), CORONA (AT150, 170, 175, 17#, 190, 21#, CT150, 17#, 19#, 21#, ST150, 16#, 17#, 19#, 21#, ET176), CALDINA (AT191, 211, CT19#, 216, ET196, ST19#, 21#), CAMRY/VISTA (CV1#, 20, SV1#, 2#, VZV20), RAV4 (SXA1#)
BWD	ZA-38BWD01A1-A-CA-01	90369-38003	—	TOYOTA	CORONA (AT175, CT195, 215, ST195, 215), CALDINA (ST195, 215, CT216), CAMRY/VISTA (SV25, 35, 43, CV43), CAMRY GRACIA (MCV25, SXV25), CAMRY (ACV35, 45), MARK2 WGN (MCV25, SXV25), MR2 (AW1#), CARINA FF (AT175, CT195, 215, ST195, 215), CARINA ED (ST205), CELICA (ST165, 185, 205), CORONA EXIV (ST205)
BWD	ZA-38BWD04CA60**	Not Fit	—	HONDA	Car Name is unknown.
BWD	ZA-38BWD09ACA120**	90369-38005	90369-38006	TOYOTA	Tercel/Corsa/Corolla 2 (EL3#, NL30), Cynos (EL44, EL5#), Raum (EXZ10,15)
BWD	ZA-38BWD10BCA41**	H260-33-047	—	MAZDA	LUCE, COSMO (Model Year is unknown.)

NSK No.	POSITION	BOUNDARY DIMENSIONS (mm)						SEAL INTEGRAL TYPE	ABS SENSOR	MASS (kg) (approx)
		d	D	B	b	rx (min)	ry (min)			
ZA-32BWD06E1CA26**	Rear Wheel	32	67	40	20	3.5	2.5	Yes	encoder	0.61
ZA-32BWD07A1CA15**	Rear Wheel	32	73	40	20	4.5	3.5	Yes	encoder	0.90
ZA-34BWD04BCA70**	Front Wheel	34	64	37	18.5	2.4	1.35	Yes	—	0.48
ZA-34BWD09ACA75**	Front Wheel	34	68	37	18.5	2	1.2	Yes	—	0.55
ZA-34BWD11CA57**	Front Wheel	34	64	37	18.5	3.3	2.4	Yes	—	0.46
ZA-35BWD01CCA38**	Front Wheel	35	72.041	34	17	3	2.5	No	—	0.60
ZA-35BWD06ACA125**	Front Wheel	35	72	31	16.5	4	3.4	No	—	0.55
ZA-35BWD07ACA108**	Front Wheel	35	68	30	16.5	3.5	3.5	No	—	0.49
ZA-35BWD07CA123**	Front Wheel	35	68	30	16.5	3.5	3.5	No	—	0.49
ZA-35BWD14CA62**	Front Wheel	35	65	37	18.5	3	3	No	—	0.45
ZA-35BWD19E-JB-5CA01	Front Wheel	35	65	37	18.5	3	3	Yes	—	0.50
ZA-36BWD01BCA60**	Front Wheel	36	72.041	34	17	3	2.5	No	—	0.57
ZA-38BWD01A1-A-CA-02	Front Wheel	38	74	33	18	3.5	3.5	No	—	0.60
ZA-38BWD01A1-A-CA-01	Front Wheel	38	74	33	18	3.5	3.5	No	—	0.60
ZA-38BWD01A1-A-CA-01	Rear Wheel	38	74	33	18	3.5	3.5	No	—	0.60
ZA-38BWD04CA60**	Front Wheel	38	72.041	34	17	3	2.5	No	—	0.40
ZA-38BWD09ACA120**	Front Wheel	38	71	30	16.5	4	3.4	No	—	0.51
ZA-38BWD10BCA41**	Front Wheel	38	74	40	20	3.8	3.8	Yes	—	0.69

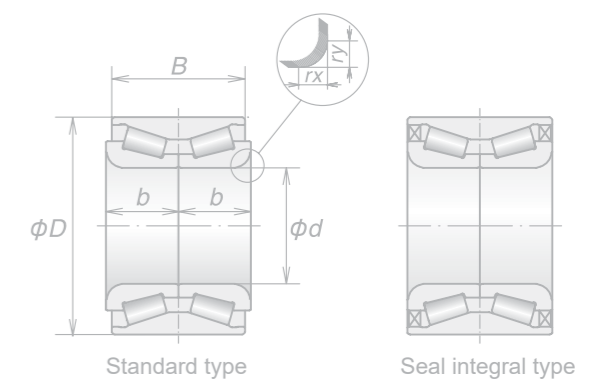
Classification by bearing type and NSK P/N

BWD type
for driven/non-driven Wheels



Classification by bearing type and NSK P/N

KWD type
for driven/non-driven Wheels



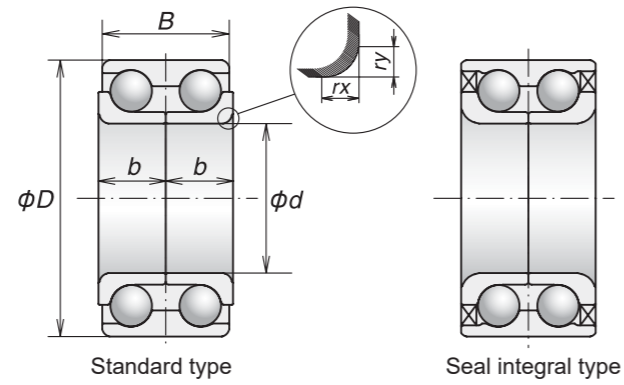
as of 2012.06

BEARING TYPE	NSK No.	ORIGINAL No.-1	ORIGINAL No.-2	MAKER	TYPE / MODEL
BWD	ZA-38BWD18CA138	90903-64003	—	TOYOTA	Car Name is unknown.
BWD	ZA-38BWD21CA53**	Not Fit	—	Perodua (DAIHATSU)	CHARADE (FF-Car)
BWD	ZA-38BWD22LCA96**	90369-38022	90369-38021	TOYOTA	WILL VI (NCP19), VITZ (NCP1#, SCP1#, 10), FUN CARGO (NCP2#), BB/OPEN DECK (NCP3#), IST (NCP6#), RAUM (NCZ2#), WILL CYPHA (NCP7#), SIENTA (NCP8#), PORTE (NNP1#), PLATZ (NCP1#, SCP11), PROBOX/SUCCEED (NCP50, 55, 5#, NLP51)
BWD	ZA-38BWD24CA78**	90369-38019	—	TOYOTA	CARINA FF (CT215, 216, ST215), CARINA ED/CELICA/CORONA EXIV (ST205), CORONA/CALDINA (CT216, ST215), CAMRY/VISTA (CV43, SV43), CAMRY GRACIA (MCV25, SXV25), CAMRY (ACV35), MARK 2 WG (MCV25, SXV25), HARRIER (ACU15, MCU15, SXU15), KLUGER L/V (ACU25, MCU25)
BWD	ZA-38BWD26E1CA61**	44300-SAA-003	—	HONDA	FIT (GD1/2/3/4, Disk Brake, With ABS)
BWD	ZA-38BWD26E1CA61**	44300-SAA-003	—	HONDA	CR-V (Model Year is unknown.)
BWD	ZA-38BWD27ACA68**S01	44300-S9H-003	—	HONDA	US FIT (Model Year is unknown.)
BWD	ZA-38BWD27ACA75**S01	44300-TF0-951	—	HONDA	FIT (GE6/7/8/9)
BWD	ZA-39BWD01JCA70**	94535254	—	DAEWOO	Espero (Model year is unknown.)
BWD	ZA-39BWD02D-A-CA1-01	Not Fit	—	VW	SANTANA (Model Year is unknown.)
BWD	ZA-39BWD05CA58***	94535253	—	DAEWOO	Leganza (Model year is unknown.)
BWD	ZA-40BWD05CA60**	44300-SE0-003	—	HONDA	Accord (Model Year is unknown.)
BWD	ZA-40BWD06A-JB-5CA01	Not Fit	—	MAZDA	FAMILIA (Model Year is unknown.)
BWD	ZA-40BWD06D-JB-5CA01	B455-33-047C	—	MAZDA	Familia (BJEP, BJFP), Premacy (CPEW), Roadster (NB6C), Ixion (CP8WF)
BWD	ZA-40BWD06D-JB-5CA01	B455-33-047C	—	MAZDA	FAMILIA (BJEP, Disk brake, 1.5L & 1.8L), FAMILIA (BJFP, 4WD), Roadster (NB6C)
BWD	ZA-40BWD07ACA85**	Not Fit	—	HYUNDAI	Car Name is unknown.
BWD	ZA-40BWD12FCA88**	90363-40067	90363-40066	TOYOTA	Allion (AZT240, NZT240/260, ZZT24#, ZRT26#), Caldina (AZT24#, ST246, ZZT241), Corolla Axio / Fielder (NZE14#, ZRE14#), Corolla Runx / Allex / Fielder (CE121, NZE12#, ZZE12#/123), Corolla Spacio (NZE121, ZZE12#), Opa (ACT10, ZCT1#), Premio (AZT240, NZT240/260, ZZT24#, ZRT26#), Prius (NHW1#), Vista (AZV5#, SV5#, ZZV50), Will VS (NZE127, ZZE12#), Wish (ANE1#, ZNE1#, ZGE1#)

NSK No.	POSITION	BOUNDARY DIMENSIONS (mm)						SEAL INTEGRAL TYPE	ABS SENSOR	MASS (kg) (approx)
		d	D	B	b	rx (min)	ry (min)			
ZA-38BWD12CA133** ZA-38BWD12CA145**	Front Wheel	38	72	33	18	4	3.4	No	—	0.57
ZA-38BWD18CA138	Front Wheel	38	80	33	18	3.5	3.5	No	—	0.81
ZA-38BWD21CA53**	Front Wheel	38	70	38	19	4	3.5	Yes	—	0.59
ZA-38BWD22LCA96**	Front Wheel	38	71	39	19.5	3.5	3.4	Yes	—	0.61
ZA-38BWD24CA78**	Rear Wheel	38	74	33	18	3.5	3.5	No	—	0.65
ZA-38BWD26E1CA61**	Front Wheel	38	73	40	20	4.5	3.5	Yes	encoder	0.67
ZA-38BWD26E1CA61**	Rear Wheel	38	73	40	20	4.5	3.5	Yes	encoder	0.67
ZA-38BWD27ACA68**S01	Front Wheel	38	74	40	20	4.5	3.5	Yes	encoder	0.70
ZA-38BWD27ACA75**S01	Front Wheel	38	74	40	20	4.5	3.5	Yes	encoder	0.70
ZA-39BWD01JCA70**	Front Wheel	39	72	37	18.5	3.3	2.4	Yes	—	0.60
ZA-39BWD02D-A-CA1-01	Front Wheel	39	68	37	18.5	3.6	3.6	Yes	—	0.50
ZA-39BWD05CA58***	Front Wheel	39	74	39	19.5	3.8	3.8	Yes	—	0.66
ZA-40BWD05CA60**	Front Wheel	40	76.041	38	20.5	3	1.8	Yes	—	0.71
ZA-40BWD06A-JB-5CA01	Front Wheel	40	74	40	20	3.8	3.8	Yes	—	0.70
ZA-40BWD06D-JB-5CA01	Front Wheel	40	74	40	20	3.8	3.8	Yes	—	0.70
ZA-40BWD06D-JB-5CA01	Rear Wheel	40	74	40	20	3.8	3.8	Yes	—	0.70
ZA-40BWD07ACA85**	Front Wheel	40	80	34	18	2.6	2.6	No	—	0.68
ZA-40BWD12FCA88**	Front Wheel	40	74	42	21	3.5	3.5	Yes	—	0.71

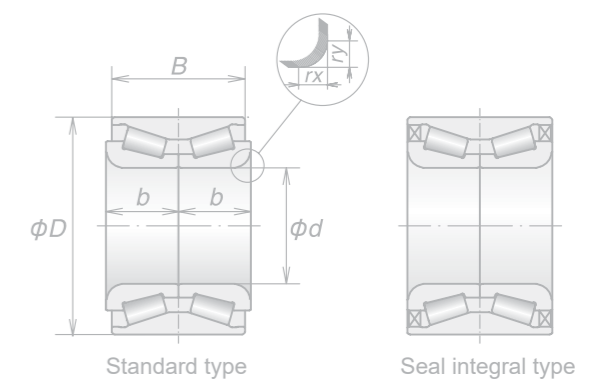
Classification by bearing type and NSK P/N

BWD type
for driven/non-driven Wheels



Classification by bearing type and NSK P/N

KWD type
for driven/non-driven Wheels



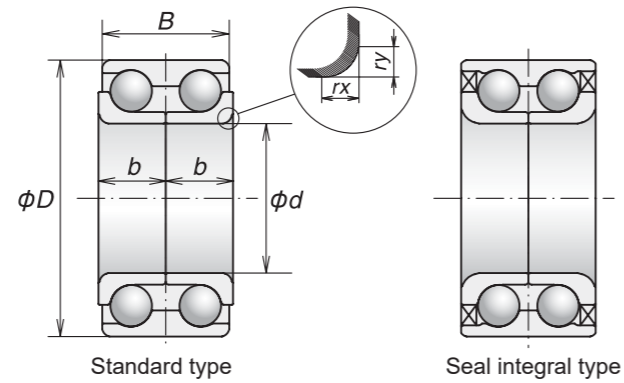
as of 2012.06

BEARING TYPE	NSK No.	ORIGINAL No.-1	ORIGINAL No.-2	MAKER	TYPE / MODEL
BWD	ZA-40BWD14CA80**	Not Fit	—	HYUNDAI	SONATA-III
BWD	ZA-40BWD16CA103**	Not Fit	MB808442	PROTON (MITSUBISHI)	WIRA (Model year is unknown.)
BWD	ZA-40BWD17DCA116**	90363-40079	—	TOYOTA	Belta (KSP92, NCP96, SCP92), iQ (NGJ10), Ractis (NCP10#/12#, SCP100, NSP12#), Vitz (KSP90/130, NCP9#/91/131, SCP90, NSP13#), IST (NCP11#, ZSP110), PORTE/SPADE (NCP14#, NSP140), AQUA (NHP10), COROLLA AXIO/FIELDER (NRE160, NZE16#, ZRE162)
BWD	ZA-40BWD17DCA116**	90043-63363	—	DAIHATSU TOYOTA	Boon Luminas (M502, 512) Passo Sette (M502, 512)
BWD	ZA-40BWD17ECA116**	90363-40082	—	TOYOTA	Car Name is unknown.
BWD	ZA-42BWD11CA56**	KGA2A 33 047	—	KIA	Car Name is unknown.
BWD	ZA-43BWD03CA133**	90369-43006	—	TOYOTA	SOARER, CELICA (Model Year is unknown.)
BWD	ZA-43BWD06BCA133**	90369-43008	90369-43009	TOYOTA	ALTEZZA/ALTEZZA GITA (GXE15, JCE15), CAMRY/VISTA (SV33, CV30, 4#, SV30, 32, 35, 3#, 4#, VZV3#), WINDOM (VCV1#, MCV2#, 30), SCEPTER SED (SXV10, VCV10), CAMRY GRACIA (MCV2#, SXV2#), CAMRY (ACV30), MARK2/CHASER/CRESTA (JZX93, 105, GX105), MARK2/MARK2 BLIT (GX115, JZX115), VEROSSA (GX115), PROGRES/BREVIS (JCG15), CROWN/CROWN MAJESTA (UZS143, 145, 155, 173, JZS153, 157, 173, 179), ARISTO (UZS143), MARK2 WG (MCV2#, SXV2#), HARRIER (ACU1#, MCU1#, SXU1#), RAV4 (SXA1#, 10, 11), IPSUM (CXM10, SXM1#, ACM2#), NADIA (ACN1#, SXN1#), GAIA (CXM10, SXM1#, 15, ACM1#), ISIS (ANM1#, ZNM10, ZGM1#), NOAH/VOXY (AZR6#, ZZR7#), RAV4 J/L (ACA2#, ZCA2#)
BWD	ZA-43BWD06BCA133**	90369-43008	90369-43009	TOYOTA	MR2 (SW20)
BWD	ZA-43BWD14A1CA69**	44300-TK6-A01	—	HONDA	09M China CITY / FIT, FIT (GE8, RS+6MT), CR-Z (ZF1), 09M US FIT
BWD	ZA-43BWD15BCA82**S01	44300-TR0-9520	—	HONDA	11M CIVIC
BWD	ZA-45BWD03CA101**	MB633430	—	MITSUBISHI	FF-Car (Car Name is unknown.)
BWD	ZA-45BWD07BCA78**	44300-S0A-003	44300-S47-008	HONDA	01M Accord
BWD	ZA-45BWD09CA110**	44300-S2X-003	—	HONDA	00M ODYSSEY
BWD	ZA-45BWD10ACA86**	90369-45005 90363-W0001	90369-45003 90369-45004	TOYOTA	KLUGER L/V (ACU2#, MCU20, 2#), WINDOM (MCV30), CAMRY (ACV35, 3#, 4#), CAMRY HYBRID (AVV50), HARRIER HV (MHU38), HARRIER (GSU3#, ACU3#, MCU3#), KLUGER HV (MHU28), ESTIMA T/L (ACR30, 40, MCR30, 40), ESTIMA HYBRID (AHR10), ALPHARD G/V (ANH1#, MNH1#), ALPHARD HV (ATH10)
BWD	ZA-45BWD12J1CA85**	44300-S9A-003	—	HONDA	CR-V (RD4/5/6/7)

NSK No.	POSITION	BOUNDARY DIMENSIONS (mm)						SEAL INTEGRAL TYPE	ABS SENSOR	MASS (kg) (approx)
		d	D	B	b	rx (min)	ry (min)			
ZA-40BWD12FCA88**	Rear Wheel	40	74	42	21	3.5	3.5	Yes	—	0.71
ZA-40BWD14CA80**	Front Wheel	40	80	34	18	3.5	3	Yes	—	0.77
ZA-40BWD16CA103**	Front Wheel	40	74	34	18	2.6	2.6	No	—	0.59
ZA-40BWD17DCA116**	Front Wheel	40	75	39	19.5	4	3.5	Yes	encoder	0.71
ZA-40BWD17DCA116**	Front Wheel	40	75	39	19.5	4	3.5	Yes	encoder	0.71
ZA-40BWD17ECA116**	Front Wheel	40	75	39	19.5	4	3.5	Yes	—	0.71
ZA-42BWD11CA56**	Front Wheel	42	80	45	22.5	3.8	3.8	Yes	—	0.86
ZA-43BWD03CA133**	Rear Wheel	43	80	45	25	4	3.5	No	—	0.96
ZA-43BWD06BCA133**	Front Wheel	43	82	45	22.5	3.5	3.35	Yes	—	0.94
ZA-43BWD06BCA133**	Rear Wheel	43	82	45	22.5	3.5	3.35	Yes	—	0.94
ZA-43BWD14A1CA69**	Front Wheel	43	79	38	20.5	4	3	Yes	encoder	0.76
ZA-43BWD15BCA82**S01	Front Wheel	43	78	44	22	4	3	Yes	encoder	0.81
ZA-45BWD03CA101**	Front Wheel	45	84	39	20.5	2.6	2.6	Yes	—	0.85
ZA-45BWD07BCA78**	Front Wheel	45	84	40	21	4.5	3.5	Yes	—	0.93
ZA-45BWD09CA110**	Front Wheel	45	84	40	21	4.5	3.5	Yes	—	0.85
ZA-45BWD10ACA86**	Front Wheel	45	84	45	22.5	3.5	3.35	Yes	—	0.99
ZA-45BWD12J1CA85**	Front Wheel	45	84	40	21	4.5	3.5	Yes	encoder	0.90

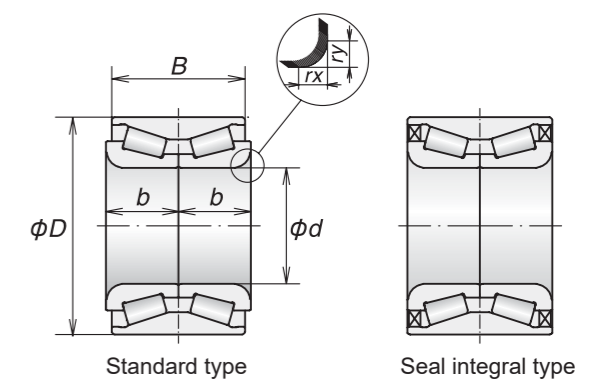
Classification by bearing type and NSK P/N

BWD type
for driven/non-driven Wheels



Classification by bearing type and NSK P/N

KWD type
for driven/non-driven Wheels



as of 2012.06

BEARING TYPE	NSK No.	ORIGINAL No.-1	ORIGINAL No.-2	MAKER	TYPE / MODEL
BWD	ZA-45BWD17CA84**	90369-45007 90369-A0002	90369-45006	TOYOTA	LEXUS RX270/350/450H (AGL10, GGL1#, GYL1#)
BWD	ZA-48BWD02A2CA97**	44300-SDA-A52	44300-SDA-A51	HONDA	Accord (CL7/8/9)
BWD	ZA-49BWD02-A-CA10-01	90369-49001	90369-49002	TOYOTA	ALTEZZA/ALTEZZA GITA (GXE10, 1#, SXE10, JCE1#), MARK2/MARK2 BLIT (GX11#, JZX110, 11#, 115), VEROSSA (GX11#, JZX110), SOARER/LEXUS SC430 (UZZ40), PROGRES/BREVIS (JCG1#), ORIGIN (JCG17), CROWN/CROWN MAJESTA (GS171, JKS175, JZS17#, UZS17#), ARISTO (JZS16#)
BWD	ZA-30BWD10ACA36** LB	9004A-36087	—	DAIHATSU TOYOTA	Xenia (Model year is unknown.) Avanza (Model year is unknown.)
BWD	ZA-35BWD24CA18** LB	43462-61J00	—	SUZUKI	Carry Pickup / Futura / APV (Model Year is unknown.)
BWD	ZA-35BWD24BCA18** LB	43462-60K00	—	SUZUKI	Car Name is unknown.
BWD	ZA-38BWD22LCA96-01LB	90080-36178-A	—	TOYOTA	SOLUNA VIOS (Model year is unknown.)
BWD	ZA-38BWD26E1CA6-01LB	44300-SAA-0031	—	HONDA	03M THAI CITY (With ABS)
BWD	ZA-38BWD26L1CA6-01LB	44300-SEL-T011-M1	—	HONDA	03M THAI CITY (Without ABS)
BWD	ZA-38BWD27ACA75-01LB	44300-TF0-9510-M1	—	HONDA	09M CITY / JAZZ
BWD	ZA-40BWD12FCA88-01LB	90080-36137-A	—	TOYOTA	Corolla (Model year is unknown.)
BWD	ZA-40BWD17DCA11-01LB	90363-T0023-A	—	TOYOTA	Vios (Model year is unknown.)
BWD	ZA-40BWD17ECA11-01LB	90369-T0005-A	—	TOYOTA	Car Name is unknown.
BWD	ZA-45BWD10ACA86** LB	90369-T0004	—	TOYOTA	CAMRY (Model year is unknown.)
BWD	ZA-51BWD01B1CA9-01LB	44300-SWE-T011-M1	—	HONDA	CR-V (Model Year is unknown.)
BWD	ZA-25BWD03B1CA42** H	46860M68K00 43210-4A00A(NISSAN)	—	SUZUKI NISSAN	WAGON R / ALTO / A-STAR (Model Year is unknown.), NISSAN PIXO (UA0 = A-star)
KWD	ZA-40KWD02U42CA-01LB	MR992425	—	MITSUBISHI	Triton (Model year is unknown, 2WD)
KWD	ZA-42KWD08AU42C-01LB	8-97216-797-2	—	ISUZU	D-MAX (Model year is unknown.)
KWD	ZA-42KWD10U42CA-01LB	90366-T0044	—	TOYOTA	HILUX/HILUX SW4/FORTUNER/HILUX VIGO (IMV, Model year is unknown.)
KWD	ZA-43KWD07AU42C-01LB	90366-T0007 90366-T0043 90366-T0008 90080-36205	—	TOYOTA	FORTUNER/HILUX/HILUX VIGO/INNOVA (IMV, Model year is unknown.)
KWD	ZA-43KWD07BU42CA01LB	90366-A0001	—	TOYOTA	Tacoma (Model year is unknown.)
KWD	ZA-47KWD02AU42C-01LB	UM51-33-047	—	MAZDA	BT-50/Fighter (Model Year is unknown.)

NSK No.	POSITION	BOUNDARY DIMENSIONS (mm)						SEAL INTEGRAL TYPE	ABS SENSOR	MASS (kg) (approx)
		d	D	B	b	rx (min)	ry (min)			
ZA-45BWD16CA103**	Front Wheel	45	84	39	19.5	3.7	3.7	Yes	encoder	0.90
ZA-45BWD17CA84**	Front Wheel	45	86	45	22.5	4	3.35	Yes	—	1.10
ZA-48BWD02A2CA97**	Front Wheel	48	86	40	21	4.5	3.5	Yes	encoder	0.92
ZA-49BWD02-A-CA10-01	Rear Wheel	49	84	50	25	3.5	2	Yes	—	1.01
ZA-30BWD10ACA36** LB	Front Wheel	30	62	38	19	3.5	3	Yes	—	0.50
ZA-35BWD24CA18** LB	Front Wheel	35	67	42	21	4.2	4.2	Yes	—	0.60
ZA-35BWD24BCA18** LB	Front Wheel	35	67	42	21	4.2	4.2	Yes	—	0.60
ZA-38BWD22LCA96-01LB	Front Wheel	38	71	39	19.5	3.5	3.4	Yes	—	0.62
ZA-38BWD26E1CA6-01LB	Front Wheel	38	73	40	20	4.5	3.5	Yes	encoder	0.66
ZA-38BWD26L1CA6-01LB	Front Wheel	38	73	40	20	4.5	3.5	Yes	—	0.66
ZA-38BWD27ACA75-01LB	Front Wheel	38	74	40	20	4.5	3.5	Yes	encoder	0.69
ZA-40BWD12FCA88-01LB	Front Wheel	40	74	42	21	3.5	3.5	Yes	—	0.72
ZA-40BWD17DCA11-01LB	Front Wheel	40	75	39	19.5	4	3.5	Yes	encoder	0.70
ZA-40BWD17ECA11-01LB	Front Wheel	40	75	39	19.5	4	3.5	Yes	—	0.70
ZA-45BWD10ACA86** LB	Front Wheel	45	84	45	22.5	3.5	3.35	Yes	—	0.98
ZA-51BWD01B1CA9-01LB	Front Wheel	51	91	44	22	4.5	3.5	Yes	encoder	1.08
ZA-25BWD03B1CA42** H	Rear Wheel	25	52	42	21	2.6	2.6	Yes	—	0.37
ZA-40KWD02U42CA-01LB	Front Wheel	40	75	50	25	5.5	5.5	Yes	—	0.95
ZA-42KWD08AU42C-01LB	Rear Wheel	42	80	38	19	1.8	1.8	No	—	0.82
ZA-42KWD10U42CA-01LB	Rear Wheel	42	82	40	20	5	5	Yes	—	0.92
ZA-43KWD07AU42C-01LB	Front Wheel	43	77	41.5	22.75	3.5	3.5	No	—	0.86
ZA-43KWD07BU42CA01LB	Front Wheel	43	77	43.5	22.75	3.5	3.5	No	encoder	0.88
ZA-47KWD02AU42C-01LB	Front Wheel	47	88	55	27.5	3.8	3.8	Yes	—	1.47

Worldwide Sales Offices

P: Phone ☆: Head Office

NSK LTD. HEADQUARTERS, TOKYO JAPAN

INDUSTRIAL MACHINERY BUSINESS DIVISION-HEADQUARTERS P: +81-3-3779-7227
 AUTOMOTIVE BUSINESS DIVISION-HEADQUARTERS P: +81-3-3779-7189

Africa

South Africa:

NSK SOUTH AFRICA (PTY) LTD.
 SANDTON P: +27-011-458-3600

Aisia and Oceania

Australia:

NSK AUSTRALIA PTY. LTD.
 MELBOURNE ☆ P: +61-3-9765-4400
 SYDNEY P: +61-2-9839-2300
 BRISBANE P: +61-7-3347-2600
 PERTH P: +61-8-9256-5000

New Zealand:

NSK NEW ZEALAND LTD.
 AUCKLAND P: +64-9-276-4992

China:

NSK (SHANGHAI) TRADING CO., LTD.
 JIANGSU ☆ P: +86-512-5796-3000

NSK (CHINA) INVESTMENT CO., LTD.

JIANGSU ☆ P: +86-512-5796-3000
 BEIJING P: +86-10-6590-8161
 TIAN JIN P: +86-22-8319-5030
 CHANGCHUN P: +86-431-8898-8682
 SHENYANG P: +86-24-2550-5017
 DALIAN P: +86-411-8800-8168
 NANJING P: +86-25-8472-6671
 FUZHOU P: +86-591-8380-1030
 WUHAN P: +86-27-8556-9630
 QINGDAO P: +86-532-5568-3877
 GUANGZHOU P: +86-20-3817-7800
 CHANGSHA P: +86-731-8571-3100
 LUOYANG P: +86-379-6069-6188
 XI'AN P: +86-29-8765-1896
 CHONGQING P: +86-23-6806-5310
 CHENGDU P: +86-28-8528-3680

NSK CHINA SALES CO., LTD.

JIANGSU ☆ P: +86-512-5796-3000

NSK HONG KONG LTD.

HONG KONG ☆ P: +852-2739-9933
 SHENZHEN P: +86-755-25904886

Taiwan:

TAIWAN NSK PRECISION CO., LTD.
 TAIPEI ☆ P: +886-2-2772-3355
 TAICHUNG P: +886-4-2708-3393
 TAINAN P: +886-6-215-6058

India:

NSK BEARINGS INDIA PRIVATE LTD.
 CHENNAI ☆ P: +91-44-28479600
 GURGAON P: +91-124-4838000
 MUMBAI P: +91-22-28387787
 JAMSHEDPUR P: +91-657-2421144

Indonesia:

PT. NSK INDONESIA
 JAKARTA P: +62-21-252-3458

Korea:

NSK KOREA CO., LTD.
 SEOUL P: +82-2-3287-0300

Malaysia:

NSK BEARINGS (MALAYSIA) SDN.BHD.
 SHAH ALAM ☆ P: +60-3-7803-8859
 PRAI P: +60-4-3902275
 JOHOR BAHRU P: +60-7-3546290
 IPOH P: +60-5-2555000

Philippines:

NSK REPRESENTATIVE OFFICE
 MANILA P: +63-2-893-9543

Singapore:

NSK INTERNATIONAL (SINGAPORE) PTE LTD.
 SINGAPORE P: +65-6496-8000

Thailand:

NSK BEARINGS (THAILAND) CO., LTD.
 BANGKOK P: +66-2320-2555

Vietnam:

NSK VIETNAM CO., LTD.
 HANOI P: +84-24-3955-0159

NSK REPRESENTATIVE OFFICE

HO CHI MINH CITY P: +84-28-3822-7907

Europe

United Kingdom:

NSK EUROPE LTD. (EUROPEAN HEADQUARTERS)
 MAIDENHEAD P: +44-1628-509-800

NSK UK LTD.

NEWARK P: +44-1636-605-123

France:

NSK FRANCE S.A.S.
 PARIS P: +33-1-30-57-39-39

Germany:

NSK DEUTSCHLAND GMBH
 DUSSELDORF ☆ P: +49-2102-4810
 STUTTGART P: +49-711-79082-0
 WOLFSBURG P: +49-5361-27647-10

Italy:

NSK ITALIA S.P.A.
 MILANO P: +39-299-5191

Netherlands:

NSK EUROPEAN DISTRIBUTION CENTRE B.V.
 TILBURG P: +31-13-4647647

Poland:

NSK POLSKA SP.Z O.O.
 WARSAW P: +48-22-645-1525

Spain:

NSK SPAIN S.A.
 BARCELONA P: +34-93-289-2763

Turkey:

NSK RULMANLARI ORTA DOGU TIC. LTD. STI.
 ISTANBUL P: +90-216-5000-675

United Arab Emirates:

NSK BEARINGS GULF TRADING CO.
 DUBAI P: +971-(0)4-804-8200

North and South America

United States of America:

NSK AMERICAS, INC. (AMERICAN HEADQUARTERS)

ANN ARBOR P: +1-734-913-7500

NSK CORPORATION

ANN ARBOR P: +1-734-913-7500

NSK PRECISION AMERICA, INC.

FRANKLIN ☆ P: +1-317-738-5000

SAN JOSE P: +1-408-944-9400

NSK LATIN AMERICA, INC.

MIAMI P: +1-305-477-0605

Canada:

NSK CANADA INC.

TORONTO ☆ P: +1-888-603-7667

MONTREAL P: +1-514-633-1220

Argentina:

NSK ARGENTINA SRL

BUENOS AIRES P: +54-11-4704-5100

Brazil:

NSK BRASIL LTDA.

SUZANO ☆ P: +55-11-4744-2500

JOINVILLE P: +55-47-3422-2239

Peru:

NSK PERU S.A.C.

LIMA P: +51-493-4385

Mexico:

NSK RODAMIENTOS MEXICANA, S.A. DE C.V.

SILAO, GUANAJUATO P: +52-472-500-9500

< As of July 2022 >

For the latest information, please refer to the NSK website.

www.nsk.com

Every care has been taken to ensure the accuracy of data in this publication, but NSK Ltd. accepts no liability for any loss or damage incurred from errors or omissions. As we pursue continuous improvement, all content (text, images, product appearances, specifications, etc.) contained in this publication is subject to change without notice. Unauthorized copying and/or use of the contents of this publication is strictly prohibited. Please investigate and follow the latest product export laws, regulations, and permit procedures when exporting to other countries.

For more information about NSK products, please contact: _____

