

NSK Bearing Part Number

NSK bearing part number system

EXAMPLE: **77206M1AC4ES41**

77 - Two shields
 206 - Basic number
 M - Medium fit AFBMA class 0.
 1 - ABEC-1 tolerance
 AC4 - Andok C, 1/2 full
 ES41 - Stabilized heat treatment

EXAMPLE: **6206 DDUYL3BT3ES17**

6206 - Basic number. DDU - Two rubber contact seals
 Y - Pressed brass retainer
 L - Loose fit, AFBMA Class 3
 3 - ABEC-3 tolerance
 BT3 - Beacon 325, 3/8 full
 ES17 - Special cleaning

Part number system:

Prefix	Suffix	Definition
.	+AH	WITHDRAWAL OR REMOVAL SLEEVE.
.	+H	ADAPTER SLEEVE.
.	+HJ	STABILIZING RING/ CYLINDRICAL ROLLER BEARINGS.
.	+K	OUTER RING SPACER, TAPERED ROLLER BEARINGS.
.	+KL	INNER AND OUTER RING SPACER, TAPERED ROLLER BEARINGS.
.	+L	INNER RING SPACER, TAPERED ROLLER BEARINGS.
.	-008	BORE SIZE, 1/2 INCH DIAMETER.
.	-010	BORE SIZE, 5/8 INCH DIAMETER.
.	-100	BORE SIZE, 1 INCH DIAMETER.
.	-107	BORE SIZE, 1-7/16 INCH DIAMETER.
.	-12	BORE SIZE, 3/4 INCH DIAMETER.
.	-13M	BORE SIZE, 13 MM DIAMETER.

.	-14	BORE SIZE, 7/8 INCH DIAMETER.
.	-625	BORE SIZE, 0.6250 INCH DIAMETER.
.	-8	BORE SIZE, 1/2 INCH DIAMETER.
.	1	1/8 FULL.
.	2	1/4 FULL.
.	3	3/8 FULL.
.	4	1/2 FULL.
.	5	5/8 FULL.
.	6	3/4 FULL.
.	7	7/8 FULL.
.	8	100 PERCENT FULL
.	9	DIP.
.	A	INTERNAL REDESIGN.
.	A	30 DEGREE CONTACT ANGLE, ANGULAR CONTACT BALL BEARINGS.
.	AB	ANDOK B.
.	AC	ANDOK C.
.	AE	AEROSHELL 15.
.	AE3	ABEC-3 TOLERANCE.
.	AE5	ABEC-5 TOLERANCE.
.	AF	AEROSHELL 17.
.	AK	ANDOK 260.
.	AN	ANDEROL L-423 OIL.
.	AR	AEROSHELL 5.
.	AS	AEROSHELL 7.
.	AT	AEROSHELL 16.
.	AW	AEROSHELL 22.
.	AX	AEROSHELL 6.
.	B	INTERNAL REDESIGN.
.	B	40 DEGREE CONTACT ANGLE, ANGULAR CONTACT BALL BEARINGS.
.	BS	X8388A (BATCO) .
.	BT	BEACON 325.
.	C	INTERNAL REDESIGN.
.	C	15 DEGREE CONTACT ANGLE, ANGULAR CONTACT BALL BEARINGS.
.	C2	TIGHT FIT, AFBMA CLASS 2.
.	C3	LOOSE FIT, AFEMA CLASS 3.
.	C4	EXTRA LOOSE FIT, AFBMA CLASS 4.
.	CA	SPHERICAL ROLLER BEARING.

.	CC	STANDARD, NON-INTERCHANGEABLE FIT, CYLINDRICAL ROLLER BEARINGS.
.	CC2	LESS THAN STANDARD NON-INTERCHANGEABLE FIT, CYLINDRICAL BEARINGS.
.	CC4	GREATER THAN CC3 FIT, CYLINDRICAL ROLLER BEARINGS.
.	CCS	GREATER THAN CC FIT, CYLINDRICAL ROLLER BEARINGS.
.	CD	SPHERICAL ROLLER BEARING.
.	CE	ELECTRIC MOTOR QUALITY BEARING AND FIT.
.	CH	CHEVRON OHT.
.	CHS	WATER PUMP BEARING WITH SLINGER RING.
.	CM	ELECTRIC MOTOR QUALITY BEARING AND FIT.
.	CT	ELECTRIC MOTOR QUALITY BEARING AND FIT.
.	D	STEEP CONTACT ANGLE, TAPERED ROLLER BEARING.
.	DA	DOW CORNING DC99 - NO. 2.
.	DB	SUPERNAL GREASE NO. 72832.
.	DB	DOW CORNING FS3451 - NO. 2.
.	DB	DUPLEX PAIR, BACK-TO-BACK MOUNTING.
.	DDU	TWO RUBBER CONTACT SEALS.
.	DE	DC41.
.	DF	DC44.
.	DH	DOW CORNING 510.
.	DH	WATER PUMP BEARING, DULITED AND HANED PARTS.
.	DP	DUPLEX PAIR, FACE-TO-FACE MOUNTING.
.	DS	DC FS 1291.
.	DT	DC33.
.	DT	DUPLEX PAIR, TANDEM MOUNTING.
.	DU	SINGLE RUBBER CONTACT SEAL.
.	DV	DC FS 1292.

.	E	BEARING WITH SLOT OR KEYWAY.
.	E100	SPECIAL BEARINGS (MIL- B-17931C) .
.	E101	GREASE QUANTITY AND TEFLON SEAL ELEMENT, SPECIAL.
.	E4	OUTER RING RELUBRICATION FEATURE, SPHERICAL BEARINGS.
.	ES11	SPECIAL GREASE VOLUME.
.	ES12	SPECIAL CARTON MARKING.
.	ES13	SPECIAL CORNER RADIUS.
.	ES15	SPECIAL END PLAY.
.	ES16	SPECIAL PROCESSING.
.	ES17	SPECIAL CLEANING.
.	ES18	RADIAL PLAY LIMITS SPECIAL.
.	ES19	SPECIAL CLEANING, LUBRICATION.
.	ES20	RADIAL PLAY, GAGING LOADS, SPECIAL.
.	ES21	HEAT STAB, FOR 325°F OPERATION.
.	ES22	XT RADIAL PLAY, SPECIAL.
.	ES24	(MIL-B-17931A) , AMENDMENT 2, LOW NOISE LEVEL.
.	ES25	HIGH-SPEED TEST.
.	ES26	DULITE PROCESSED.
.	ES27	END PLAY AND TILT LIMITS, SPECIAL.
.	ES28	DULITE PROCESSED.
.	ES29	SPECIAL SHIELD MARKING.
.	ES3	100 PERCENT SPEED TEST, LOW NOISE LEVEL.
.	ES30	QUALITY AUDIT, SPECIAL.
.	ES31	TORQUE LIMITS, SPECIAL.
.	ES32	SPECIAL INSPECTION.
.	ES33	LOW NOISE LEVEL.
.	ES34	ULTRASONIC CLEANING.
.	ES35	FLUSHNESS TOLERANCE SPECIAL.
.	ES36	SPECIAL IDENTIFICATION.
.	ES37	DULITE SHIELD.
.	ES38	SPECIAL END PLAY.
.	ES39	ELECTRONIC NOISE TESTING.
.	ES40	HEAT STABILIZED, SPECIAL.

.	ES41	STABILIZATION FOR 375 DEG F OPERATION.
.	ES42	"HS 2" MARKING ON OUTER.
.	ES43	GREASE CONTROL, SPECIAL.
.	ES44	REDUCED INSPECTION LIMITS.
.	ES45	LAPPED INNER FACE.
.	ES46	OVERSIZE O.D. ' S.
.	ES47	SPECIAL FOR RAILROAD APPLICATION.
.	ES48	SPECIAL O.D. TOLERANCE.
.	ES49	SHIELD IDENTIFICATION, SPECIAL.
.	ES50	REWORK IDENTIFICATION.
.	ES51	SPECIAL TOLERANCES.
.	ES52	SOLVENT CLEAN PARTS , SPECIAL .
.	ES53	SPECIAL PROCESSING.
.	ES54	SPECIAL FOR RAILROAD APPLICATIONS.
.	ES55	SPECIAL 77R6. /
.	ES56	RADIAL LOOSENESS CHECK ,_ SPECIAL .
.	ES57	SPECIAL O.D. CORNER.
.	ES58	HIGH POINT MARKING ON INNER RING.
.	ES59	O.D. CODING.
.	ES6	CERTIFIED QUALITY CONTROL.
.	ES60	SPECIAL GREASING.
.	ES61	ES-41 AND SPECIAL GREASING.
.	ES62	SHIELD OR SEAL ASSEMBLY, SPECIAL.
.	ES63	SPECIAL 7038.
.	ES65	SPECIAL MARKING INSTRUCTIONS.
.	ES66	SPECIAL IDENTIFICATION.
.	ES67	SPECIAL GREASE AND QUANTITY.
.	ES68	SPECIAL GREASE QUANTITY.
.	ES7	SPECIAL PROCESS, SPECIAL CARTON MARKING.
.	ES70	SPECIAL MARKING.
.	ES71	SPECIAL WIDTH TOLERANCE.
.	ES72	SPECIAL LUBRICATION.

.	ES73	SPECIAL PROCESSING.
.	ES74	SPECIAL RING MARKING.
.	ES75	BEARINGS SERIAL NUMBERED.
.	ES82	RELUBE TYPE SHIELDS.
.	ES83	ELECTRO-GALVANIZING .
.	ES84	SPEC, INTERNAL CLEARANCE AND SPECIAL GREASE QUANTITY.
.	ES85	SPECIAL GREASE QUANTITY.
.	ES9	(MIL-B-17931A) , AMENDMENT 1, LOW NOISE LEVEL.
.	ESI	HAND SPIN TEST, LOW TORQUE.
.	ESS	SHIELD CLEARANCE 0.003 INCH, SPEC, TOLERANCE.
.	ESS	LOW NOISE LEVEL.
.	F	SINGLE SHIELD, DOUBLE- ROW BALL BEARINGS.
.	FF	TWO SHIELDS, DOUBLE- ROW BALL BEARINGS.
.	FM	FISKE LUBRIPLATE - MULTI- LUBE A.
.	FT	FISKE LUBRIPLATE 210.
.	G	SNAP RING ON BEARING.
.	GNR	SNAP RING GROOVE ON BEARING, NO SNAP RING.
.	GS	SNAP RING ON SAME SIDE OF BEARING AS SHIELD.
.	HP	HUMBLE OIL UNIVIS P38.
.	HX	HUMBLE OIL UNIREX NO. 2.
.	J	PRESSED STEEL RETAINER, TWO PIECE RIBBON TYPE.
.	K	TAPERED BORE BEARING 1:12.
.	K30	TAPERED BORE BEARING 1:30.
.	KH	KEYSTONE 89H.
.	KY	DUPONT, KRYTOX 240AC.
.	LU	LUBRIKO M24.
.	M	MACHINED BRONZE RETAINER.
.	M	MEDIUM FIT, AFBMA CLASS 0.
.	MT	MOBIL-TEMP £1 SOCONY VACUUM.
.	N	SNAP RING GROOVE IN OUTER RING.

.	NF	NON-FLUID OIL CP. F924.
.	NG	NON-FLUID OIL CO. G-60.
.	NR	NOX - RUST 509.
.	NR	SNAP RING IN OUTER RING.
.	NS	NON-FLUID OIL CO. S-59.
.	NW	NON-FLUID OIL CO. W-56.
.	OS2	WATER PUMP BEARING, SHAFT 0.002 INCH OVERSIZE.
.	OS3	WATER PUMP BEARING, SHAFT 0.003 INCH OVERSIZE.
.	PE	PETROLATUM
.	RR	O.D. RIDING TRASH GUARD RUBBER CONTACT SEALS.
.	RS	FACE RIDING RUBBER CONTACT SALES.
.	RY	RYKON 12.
.	SA	SHELL ALVANIA \$2
.	SB	SHELL XSG6409.
.	SC	SHELL CYPRINA £3.
.	SD	SHELL DARINA J2.
.	SE	SHELL DARINA EP.
.	SF	SHELL DARINA FL.
.	SG	STANDARD GREASE CODE.
.	SL	SHELL ALVANIA 13.
.	SO	STANOIL 15.
.	SP	SHELL ALVANIA \$2 EP.
.	SW	SOUTHWEST GREASE AND OIL CO., CODE 5682.
.	SX	SHELL DARINA AX.
.	T	FACE RIDING TRASH GUARD RUBBER CONTACT SEAL.
.	T	TIGHT FIT, AFBMA CLASS 2.
.	TB	TEXACO PREMIUM BRB.
.	TC	TEXAS CAPELLA B.
.	TE	TEXAS EP 2324 HI-TEMP.
.	TH	TEXAS 1999 HI-TEMP.
.	TL	ASHLAND OIL TECTYL 900.
.	TM	TEMPLUBE 124.
.	TR	TEXAS REGAL STARFAK AFB-2 .
.	TT	TWO FACE RIDING TRASH GUARD RUBBER CONTACT SEALS.
.	TU	TEXAS 1996 UNI-TEMP 500.
.	TX	TEXAS 1692.

.	UC	SUPERMIL GREASE NO. 31052.
.	UF	ASU 40.
.	UN	UNOBA JL UNION OIL.
.	US	ASU 06752 (AMERICAN OIL)
.	UT	ASU 100.
.	V	LABYRINTH RUBBER SEAL .
.	VA	CHEVRON BRB2
.	VS	CHEVRON SRI
.	W	TWO LABYRINTH RUBBER SEALS.
.	W	PRESSED STEEL RETAINER, ONE PIECE TYPE.
.	WN	WINDSOR L245X
.	X	REDESIGNED BOUNDARY DIMENSION OF LESS THAN + 1 MM.
.	XL	EXTRA LOOSE FIT, AFBMA CLASS 3.
.	XT	EXTRA TIGHT FIT, LESS THAN AFBMA CLASS 2.
.	Y	PRESSED BRASS RETAINER, TWO PIECE, RIBBON TYPE.
.	Z	SINGLE SHIELD.
.	ZZ	GREASE SPE CIS PART OF ES NUMBER.
.	ZZ	TWO SHIELDS.
7	.	SINGLE SHIELD.
77	.	TWO SHIELDS.
8	.	FELT SEAL.
87	.	ONE FELT SEAL, ONE SHIELD.
88	.	TWO FELT SEALS.
89	.	ONE FELT SEAL, ONE TEFLON SEAL.
9	.	TEFLON SEALS.
99	.	TWO TEFLON SEALS.
H	.	HEAVY SERIES CUP OR CONE, TAPERED ROLLER BEARINGS.
HH	.	EXTRA HEAVY SERIES CUP OR CONE, TAPERED ROLLER BEARINGS.
HM	.	MEDIUM-HEAVY SERIES CUP OR, CONE , TAPERED ROLLER BEARINGS.
L	.	LIGHT SERIES CUP OR CONE, TAPERED ROLLER BEARINGS.

LL	.	EXTRA LIGHT SERIES CUP OR CONE, TAPERED ROLLER BEARINGS.
LM	.	MEDIUM-LIGHT SERIES CUP OR CONE, TAPERED ROLLER BEARINGS.
M	.	MAX-TYPE, FILLING SLOT BALL BEARINGS.
M	.	MEDIUM SERIES CUP OR CONE, TAPERED ROLLER BEARINGS.
MS	.	SHIELD AND LOADING SLOT ON SAME SIDE, BALL BEARINGS.
N	.	CYLINDRICAL BEARING, DOUBLE FLANGED INNER, OPEN OUTER.
NF	.	CYLINDRICAL BEARING, DOUBLE FLANGED INNER, SINGLE FLANGED OUTER.
NH	.	CYLINDRICAL BEARING, TWO-PIECE INNER, DOUBLE FLANGED OUTER.
NJ	.	CYLINDRICAL BEARING, SINGLE, FLANGED INNER, DOUBLE FLANGED OUTER.
NN	.	CYLINDRICAL BEARING, DOUBLE-ROW, FLANGED INNER, OPEN OUTER.
NU	.	CYLINDRICAL BEARING, OPEN INNER, DOUBLE FLANGED OUTER.
R	.	INCH DIMENSION SERIES BALL BEARINGS.
RA	.	POWER TRANSMISSION BALL BEARINGS, PRELUBRICATED.
RAG	.	POWER TRANSMISSION BALL BEARINGS, RELUBRICATEABLE.
S	.	CARTRIDGE BEARING SERIES.
SB	.	POWER TRANSMISSION BEARING, WIDE INNER, PRELUBRICATED.
SBG	.	POWER TRANSMISSION BEARING, WIDE INNER, RELUBRICATEABLE.
SE	.	ECCENTRIC LOCKING COLLAR FOR POWER TRANSMISSION.
SF	.	FOUR-BOLT FLANGE UNIT, STANDARD, RELUBRICATEABLE.
SFC	.	FOUR-BOLT FLANGE UNIT,

		RA UNIT, PRELUBRICATED.
SFT	.	TWO-BOLT FLANGE UNIT, STANDARD, RELUBRICATEABLE.
SFTC	.	TWO-BOLT FLANGE UNIT, RA UNIT, PRELUBRICATED.
SP	.	STANDARD HEIGHT PILLOW BLOCK, RELUBRICATEABLE.
SPC	.	STANDARD HEIGHT PILLOW BLOCK, RA UNIT, PRELUBRICATED.
SPEC	.	REVISED HEIGHT PILLOW BLOCK, RA UNIT, PRELUBRICATED.
SPH	.	REVISED HEIGHT PILLOW BLOCK, RELUBRICATEABLE.
STU	.	TAKE-UP UNIT BLOCK, RELUBRICATEABLE.
STUC	.	TAKE-UP UNIT BLOCK, RA UNIT, PRELUBRICATED.
WC	.	FELT SEAL SERIES BEARINGS, WIDE OUTER RING.
X	.	SPECIAL BEARING SERIES.