

INA Rules of Thumb for PTplace Part Numbers & Variants

INA has extra options on PTplace to give you the maximum flexibility in answering customer needs by using two fields part numbers. Various greases, cage styles, seal types, internal clearances, and needle sorts are available to help you select the right part for your customers.

The first field is the part number as you would expect to see it. Catalog part numbers (HK1010) and most standard suffixes like 2RS (HK10102RS) for seals or P5 for extra precision. The second field is the variant required for different grease types, internal clearance, and needle sorts (AA040=40% Alvania #2). The variant field typically only applies for drawn shell bearings and needle cage assemblies.

UG - Shell type open bearings come standard without grease
(Example: SCE87 UG)

AA040 - Shell type sealed bearings come standard with 40% Retinax LX2
(Example: SCE87PP AA040)

0-7 & 0-10 - Needles & cage assemblies come standard with 0-7 & 0-10 Micron Needle Sorts
(Example: NRA5X49.8G2 0-7, K25X33X24B 0-10)

The table below provides a quick reference for use regarding our part numbers.

PART / SUFFIX - Field 1	DEFINITION	EXAMPLE
HK1010, SCE86PP	INA Part Number	SCE87, PASE1-1/2, RA100RR
F-..., FC...	INA Special Part Number	F-206252, FC66073
2RS	2 Lip Seals	62032RS, 3200J2RS
2Z	2 Gap Shields	62032Z, 3300J2Z
J	Steel Cage	52100J, 3200J
KDD, KDDU	2 Gap Shields	LR5208KDD, LR5307KDDU
M	Bronze Cage	930M, 89460M
NPP, NPPU	2 Lip Seals	GRA100NPPB, LR5202NPPU
PP	2 Lip Seals	SCE87PP
RR	2 Land Riding Seals	G1103KRRB, RA100RR
TN	Plastic Cage	81102TN, 87410TN
X	Cylindrical OD	NATV20PPX, NUTR20X
VARIANT - Field 2	DEFINITION	EXAMPLES
-	Normal Clearance	6203, 62032RS
C2	C2 Clearance	6302 C2, 63022Z C2
C3	C3 Clearance	6205 C3, 62052RS C3
C4	C4 Clearance	5305J C4, 6210 C4
AA040	40% - Shell Retinax LX2	HK1010 AA040
AE040	40% - Exxon Unirex N2	SCE86PP AA040
AE050	50% - Exxon Unirex N2	BK1812 AE050
AI040	40% - Exxon Unirex N3	BCE98 AI040
CA040	40% - Shell Aeroshell #5	HK2512 CA040
CD040	40% - Chevron SRI #2	SCH108 CD040
DB040	40% - Mobil 28	BCH 1818 DB040
UG	Ungrease / Corrosion Protected	HK1010 UG
QZ5	Ungrease / Dry Preserved	HFL1022 QZ5
QZ19	Tellus 22 Oil	HFL0615 QZ19
QZ34	Exxon Unirex N2	HF0812 QZ34, HFZ040708 QZ34
0-7	0-7 Micron - Needle Sort	NRA5X49.8G2 0-7, K25X33X24B 0-7
0-10	0-10 Micron - Needle Sort	NRA5X49.8G2 0-10, K25X33X24B 0-10



VARIANT -
Field 2

DEFINITION - Complete Listing



-	Normal Clearance
C2	C2 Clearance
C3	C3 Clearance
C4	C4 Clearance
AA..SPEC	Spec% - Shell Retinax LX2
AA020	20% - Shell Retinax LX2
AA040	40% - Shell Retinax LX2
AA050	50% - Shell Retinax LX2
AA060	60% - Shell Retinax LX2
AA080	80% - Shell Retinax LX2
AA100	100% - Shell Retinax LX2
AB040	40% - Texaco Regal AFB 2
AC..SPEC	Spec% - Texaco Premium RB
AC0100	100% - Texaco Premium RB
AC040	40% - Texaco Premium RB
AC050	50% - Texaco Premium RB
AC080	80% - Texaco Premium RB
AE..SPEC	Spec% - Exxon Unirex N2
AE030	30% - Exxon Unirex N2
AE030	30% - Exxon Unirex N2
AE040	40% - Exxon Unirex N2
AE050	50% - Exxon Unirex N2
AE080	80% - Exxon Unirex N2
AE090	90% - Exxon Unirex N2
AE100	100% - Exxon Unirex N2
AG..SPEC	Spec% - Shell Alvania #3
AG030	30% - Shell Alvania #3
AG040	40% - Shell Alvania #3
AG050	50% - Shell Alvania #3
AG080	80% - Shell Alvania #3
AG100	100% - Shell Alvania #3
AI..SPEC	Spec% - Exxon Unirex N3
AI040	40% - Exxon Unirex N3
AI050	50% - Exxon Unirex N3
AI080	80% - Exxon Unirex N3
AI100	100% - Exxon Unirex N3
AK..SPEC	Spec% - Elf DAG 1A
AQ040	40% - Exxon Ronex MP
AR100	100% - Shell Retinax LC
BA..SPEC	Spec% - Shell Aeroshell #7
BA030	30% - Shell Aeroshell #7
BA040	40% - Shell Aeroshell #7
BA050	50% - Shell Aeroshell #7
BA080	80% - Shell Aeroshell #7
BA100	100% - Shell Aeroshell #7
BD..SPEC	Spec% - Shell Aeroshell #14
BD040	40% - Shell Aeroshell #14
BD100	100% - Shell Aeroshell #14
BE070	70% - Klueber Isoflex LDS 18 Special A
BF040	40% - Klueber Isoflex Topas NB52
BG040	40% - Klueber Centoplex 2DL
CA040	40% - Shell Aeroshell #5
CA050	50% - Shell Aeroshell #5
CA080	80% - Shell Aeroshell #5
CD..SPEC	Spec% - Chevron SRI #2

VARIANT -

DEFINITION - Complete Listing



Field 2

CD040	40% - Chevron SRI #2
CD050	50% - Chevron SRI #2
CD060	60% - Chevron SRI #2
CD080	80% - Chevron SRI #2
CD100	100% - Chevron SRI #2
CH025	25% - Dupont Krytox GPL 223
CU060	60% - Exxon Infinitec
DA080	80% - Dow Corning Molykote 44 Medium Grease
DB..SPEC	Spec% - Mobil 28
DB030	30% - Mobil 28
DB040	40% - Mobil 28
DB050	50% - Mobil 28
DB060	60% - Mobil 28
DB080	80% - Mobil 28
DB100	100% - Mobil 28
DC..SPEC	Spec% - Shell Aeroshell #16
DC040	40% - Shell Aeroshell #16
DC050	50% - Shell Aeroshell #16
DC080	80% - Shell Aeroshell #16
DC100	100% - Shell Aeroshell #16
DD040	40% - Shell Aeroshell #22
DD080	80% - Shell Aeroshell #22
DE..SPEC	Spec% - Nye Rheotemp 500
DF040	40% - Lubric. Techn. Christo-Lube MCG #120
DG015	15% - Dow Corning Molykote MI-60
DH060	60% - Dow Corning Molykote 7514
DH070	70% - Dow Corning Molykote 7514
DH080	80% - Dow Corning Molykote 7514
DJ010	10% - Castrol Endurex 4400
DK080	80% - Klueber Barrierta L55/2
DL050	50% - Apollo Apolloil Autolexa
EA..SPEC	Spec% - Exxon Andox C
EA040	40% - Exxon Andox C
EA050	50% - Exxon Andox C
EA080	80% - Exxon Andox C
EA100	100% - Exxon Andox C
ED040	40% - Klueber Klubersynth HLR 46-371
FA..SPEC	Spec% - Shell Alvania EP 2
FA040	40% - Shell Alvania EP 2
FA050	50% - Shell Alvania EP 2
FA080	80% - Shell Alvania EP 2
FA100	100% - Shell Alvania EP 2
FB..SPEC	Spec% - Texaco Marfak Heavy Duty 3
FB040	40% - Texaco Marfak Heavy Duty 3
FB050	50% - Texaco Marfak Heavy Duty 3
FB080	80% - Texaco Marfak Heavy Duty 3
FB100	100% - Texaco Marfak Heavy Duty 3
FG040	40% - Chevron Ultra-Duty EP 2
FG050	50% - Chevron Ultra-Duty EP 2
FG080	80% - Chevron Ultra-Duty EP 2
FG100	100% - Chevron Ultra-Duty EP 2
FH070	70% - Shell Albida EP LC
QZ19	Tellus 22 Oil
QZ34	Exxon Unirex N2
QZ5	Ungreased Dry Preserved

**VARIANT -
Field 2**

DEFINITION - Complete Listing



SC050	50% - Exxon Beacon 325
SD..SPEC	Spec% - Imperial Molub-Alloy 2
SD040	40% -Imperial Molub-Alloy 2
SD050	50% - Imperial Molub-Alloy 2
SD080	80% - Imperial Molub-Alloy 2
SD100	100% - Imperial Molub-Alloy 2
SF025	25% - Dow Corning Molykote 33 Light Grease
SF040	40% - Dow Corning Molykote 33 Light Grease
SF050	50% - Dow Corning Molykote 33 Light Grease
SF080	80% - Dow Corning Molykote 33 Light Grease
SF101	Shell Aeroshell #16
SF174	Dupont Kryto 240AC
SF193	Klueber Klueber Isoflex Topas NB52
SF225	Texaco Premium RB
SF228	Dow Corning Molykote 44 Medium Grease
SF230	Lubricant Consult. Thermoplex 2 TML
SF234	Kluber Petamo GY 193
SF243	Mobil 28
SF249	Nye Rheotemp 500
SF258	Klueber Klubersynth HLR 46-371
SF261	Shell Aeroshell #7
SF303	Shell Aeroshell #22
SF427	Kluber Kluberplex BEM 24-132
SF435	Dow Corning Molykote 7514
SF440	Dow Corning Molykote MI-60
SF454	Kluber Staburags GBUY 132
SF463	Exxon Unirex N2
SF472	Shell Alvania EP 2
SF514	Exxon Ronex MP
SF516	Exxon Polyrex EP 2
SF518	Apollo Apolloil Autolexa
SF519	Exxon Low Friction CVJ Grease (6004)
SF520	Exxon Infinitec
SF521	Castrol Endurex 4400
SF522	Chevron Ultra-Duty EP 2
SF523	Shell Aeroshell #5
SF524	Exxon Beacon 325
SF524	Dow Corning Molykote 33 Light Grease
SF526	Dow Corning White EP Bearing (Food Grade)
SF527	Dupont Krytox GPL-295
SF528	Shell Aeroshell #14
SF529	Texaco Marfak Heavy Duty 3
SF530	Shell Retinax LC
SF536	Kyodo Yushi Multempt ET-R
SF539	Northland Polytechnic EPII
SF540	Kluber Noxlub BF 2420
SM100	Kluber SM100/2 - INA Spec
SM11	Klueber Centoplex 2DL
SM12	Klueber Klueber Isoflex LDS 18 Special A
SM14	Kluber Isoflex NBU 14
SM26	Exxon Unirex N3
SM27	Chevron SRI #2
SM28	Klueber Barrierta L55/2
SM63	Elf DAG 1A
SM91	Dow Corning Molykote VN 2461 C

**VARIANT -
Field 2**

DEFINITION - Complete Listing



SR040	40% - Kuwait Q8 Rembrandt EPO
SS040	40% - Dow Corning White EP Bearing (Food Grade)
SS080	80% - Dow Corning White EP Bearing (Food Grade)
SU..SPEC	Spec% - Shell SL0233
VSP	Preloaded
UG	Ungreased / Corrosion Protected
+1-9	+1-9 Micron Needle Sort (Cage Assemblies, Needle Rollers)
+6-8	+6-8 Micron Needle Sort (Cage Assemblies, Needle Rollers)
0-10	0-10 Micron Needle Sort (Cage Assemblies, Needle Rollers)
0-2	0-2 Micron Needle Sort (Cage Assemblies, Needle Rollers)
0-3	0-3 Micron Needle Sort (Cage Assemblies, Needle Rollers)
0-4	0-4 Micron Needle Sort (Cage Assemblies, Needle Rollers)
0-5	0-5 Micron Needle Sort (Cage Assemblies, Needle Rollers)
0-6	0-6 Micron Needle Sort (Cage Assemblies, Needle Rollers)
0-7	0-7 Micron Needle Sort (Cage Assemblies, Needle Rollers)
0-8	0-8 Micron Needle Sort (Cage Assemblies, Needle Rollers)
0-9	0-9 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-1-3	-1-3 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-2-4	-2-4 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-3-5	-3-5 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-3-5	-3-5 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-3-6	-3-6 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-4-6	-4-6 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-5-7	-5-7 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-6-8	-6-8 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-7-9	-7-9 Micron Needle Sort (Cage Assemblies, Needle Rollers)
-8-10	-8-10 Micron Needle Sort (Cage Assemblies, Needle Rollers)