NTN®

NUMBERING SYSTEM QUICK REFERENCE GUIDE

FEATURING NOMENCLATURE GUIDELINES FOR:

MICRO BEARINGS RADIAL BALL BEARINGS ANGULAR CONTACT BALL BEARINGS SELF-ALIGNING BALL BEARINGS CYLINDRICAL ROLLER BEARINGS TAPERED ROLLER BEARINGS SPHERICAL ROLLER BEARINGS BALL AND ROLLER THRUST BEARINGS MOUNTED BEARING UNITS ULTRA-CLASS MOUNTED BEARING UNITS CORROSION RESISTANT BEARING UNITS SPHERICAL BEARING HOUSING UNITS PREFIX AND SUFFIX INTERCHANGE BEARING SERIES INTERCHANGE

NTN DISTRIBUTOR TRAINING OPPORTUNITIES

Keeping up with the latest information in bearing technology is crucial to the success of your operations. That's why NTN Bearing Corporation of America provides customers a wide range of training and support options to educate your team with the most efficient and profitable bearing service techniques.

However you source and use NTN bearing products, we can assist you with your bearing needs with the tools, format, location, and pace that work best for your company. Contact your regional NTN sales representative for more information or to schedule a training session.



•Three days of in-depth instruction from NTN engineers at our Canadian headquarters •Includes:

> -Lectures & break-outs for general and hands on training

-Tour of a manufacturing facility

6 module web-based product training
Provides product and part number overview to help new people to the industry



•On-site, mobile training unit

NTN Contact Information

United States Technical Support: (800) 323-2358 Customer Relations and Sales: (800) 323-2358

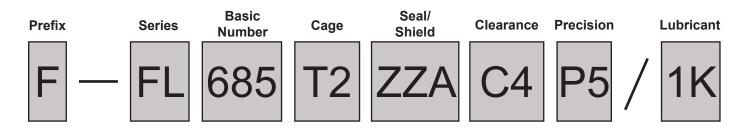
Canada Technical Support: (800) 405-6720 Customer Relations and Sales: (888) 412-4122



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Micro Bearing Numbering System



1. PREFIX No Symbol: F:	High carbon chrome bearing steel (equivalent to AISI E52100) Martensitic stainless steel (equivalent to AISI 440C)
2. SERIES	
67, 68:	Metric Series
69, 60:	Metric Series
62, 63:	Metric Series
R:	Inch Series
W:	Wider than standard width (sealed type)
WA:	Non- standard sizes
RA:	Wider than standard width of inch series (open and sealed types)
FL:	Flanged outer ring
FLA:	Flanged outer ring, provided non-standard flange dimensions

3. CAGE

No symbol:	Pressed steel cage
J1:	Pressed stainless steel cage
T1:	Phenolic resin cage
T2:	Nylon cage
JR:	Pressed steel (riveted)
JS:	Pressed steel (spot welded)
JA:	Pressed steel (bent finger)

4. SEAL OR SHIELD*

No symbol:	Open type
Z, ZZ:	Steel shield(s)
ZA, ZZA:	Removable steel shield(s)
ZA1, ZZA1:	Removable stainless steel shield(s)
Z1, ZZ1:	Stainless steel shield(s)
LB, LLB:	Non-contact rubber seal(s)
LU, LLU:	Contact rubber seal(s)
SA, SSA:	Non-contact nylon seal(s)
	· · · · · · · · · · · · · · · · · · ·

*One letter signifies one shield or seal; two letters signifies two shields or seals

5. INTERNAL CLEARANCE

••••••	
No symbol:	Normal clearance
C2:	Clearance less than normal
C3:	Clearance greater than normal
C4:	Clearance greater than C3
C2S:	Low group of C2 clearance
CNS:	Low group of normal clearance
CNM:	Medium group of normal clearance
CNL:	High group of normal clearance
C3S:	Low group of C3 clearance
C3M:	Medium group of C3 clearance
C3L:	High group of C3 clearance

6. PRECISION

ISO class 0 (equivalent to ABEC 1)
ISO class 6 (equivalent to ABEC 3)
ISO class 5 (equivalent to ABEC 5)
ISO class 4 (equivalent to ABEC 7)
ISO class 2 (equivalent to ABEC 9)
ISO class 5A
ISO class 4A
NTN PS class 5
NTN PS class 4
Special Tolerance

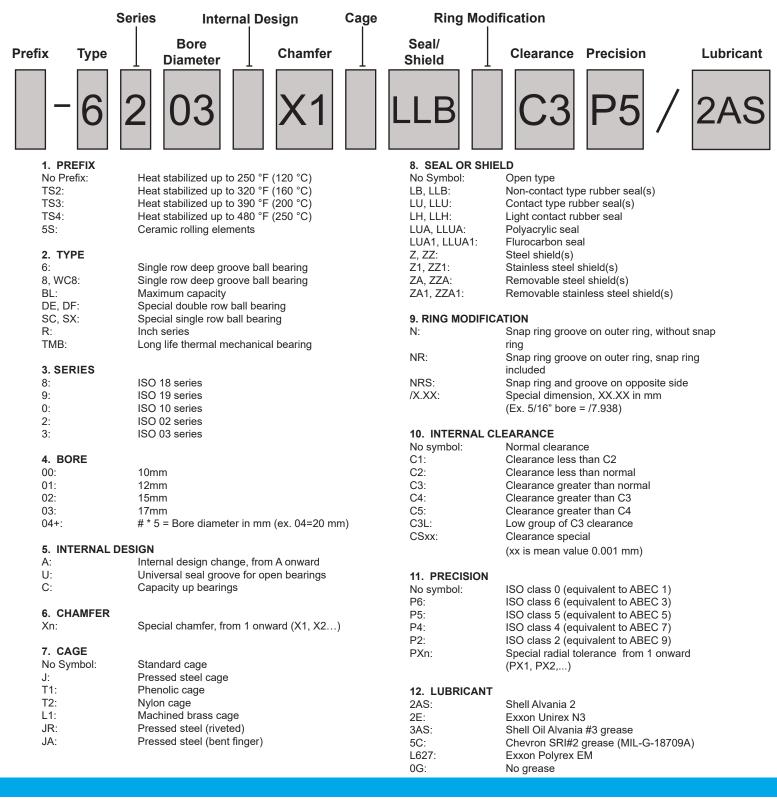
7. LUBRICANT

1K:	Kyodo Yushi Multemp PS No. 2
2AS:	Shell Alvania 2
1E:	Exxon Andok C
6K:	Kluber Isoflex Super LDS18
5C:	Chevron SRI2
5K:	Kyodo Yushi Multemp DRL
1W:	Anderson Oil Windsor Lube L245X (oil)
L627:	Exxon Polyrex EM

8. SPECIAL SPECIFICATION

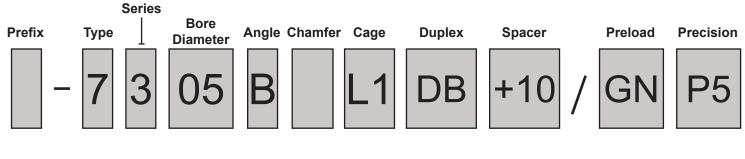
V1...Vx: Special features from 1 onward (V1, V2,...)

Radial Ball Bearing Numbering System



Quick Reference Guide

Angular Contact Ball Bearing Numbering System



1. PREFIX

No Prefix:	Heat stabilized up to 250 °F (120 °C)
TS2:	Heat stabilized up to 320 °F (160 °C)
TS3:	Heat stabilized up to 390 °F (200 °C)
TS4:	Heat stabilized up to 480 °F (250 °C)
5S:	Ceramic rolling elements

2. TYPE

3:	Double row angular contact w/ filling slot
5:	Double row angular contact w/o filling slot
7:	Angular contact ball bearing
BNT:	High speed angular contact bearing
BST:	Ball screw support
HSA:	High speed angular contact bearing
HSB:	High speed angular contact bearing
HSE:	High speed angular contact bearing
SF:	Special angle row angular contact
DE, DF:	Special double row angular contact
	. 0

3. SERIES

8:	ISO 18 series
9:	ISO 19 series
0:	ISO 10 series
2:	ISO 02 series
3:	ISO 03 series

4. BORE

00:	10mm
01:	12mm
02:	15mm
03:	17mm
04+:	# * 5 = Bore diameter in mm (ex. 04=20 mm)

5. CONTACT ANGLE

No symbol:	Contact angle 30°
B:	Contact angle 40°
C:	Contact angle 15°

7. CAGE

Xn:

6. CHAMFER

A CAGE	
No Symbol:	Standard cage
J:	Pressed steel cage
L1:	Machined brass cage
T1:	Phenolic cage
T2:	Nylon cage
8. DUPLEX ARRANGEMENT	
. פר	Dupley pair back to bac

DB:	Duplex pair, back to back mounting
DF:	Duplex pair, face to face mounting
DT:	Duplex pair, tandem mounting
G:	Single bearing, flush ground, universal mount
GD2:	Pair of universally mountable bearings
+A:	Spacer (A is nominal width of spacer in mm)

Special chamfer, from 1 onward (X1, X2...)

9. PRELOAD

b
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oad
ad
oad

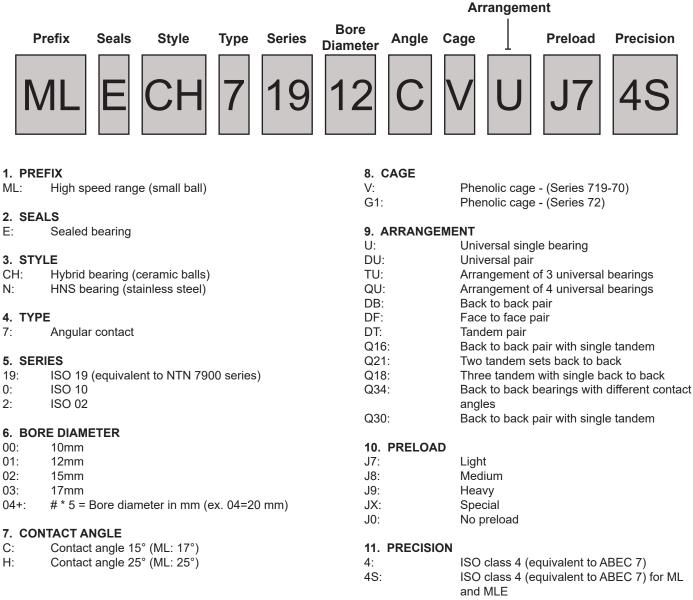
10. PRECISION

ISO class 6 (equivalent to ABEC 3)
ISO class 5 (equivalent to ABEC 5)
ISO class 4 (equivalent to ABEC 7)
ISO class 2 (equivalent to ABEC 9)
Special precision, from 1 onward
(PX1, PX2,)

pg. 4

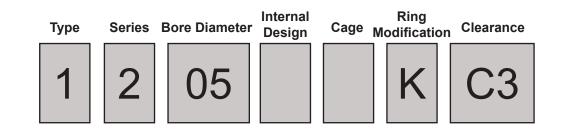
pg. 5

Angular Contact Ball Bearing Numbering System (*NTN-SNR*)



2: ISO class 2 (equivalent to ABEC 9)

Self-Aligning Ball Bearing Numbering System



1. TYPE

- 1: Standard self-aligning ball bearing
- 2: Wide self-aligning ball bearing

2. SERIES

- 2: ISO 02 series
- 3: ISO 03 series

3. BORE

- 00: 10mm
- 01: 12mm
- 02: 15mm
- 03: 17mm
- 04+: # * 5 = Bore diameter in mm (ex. 04=20 mm)

4. INTERNAL DESIGN

S: Internal design

5. CAGE

No Symbol:	Standard cage
J:	Pressed steel cage
T2:	Plastic cage, nylon or teflon
L1:	Machined brass cage

6. RING MODIFICATION

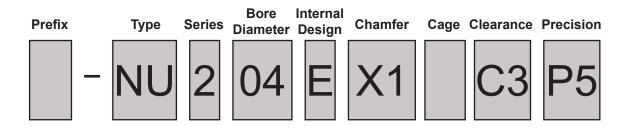
K: Tapered bore (1:12)

7. INTERNAL CLEARANCE

No symbol:	Normal clearance
C1:	Clearance less than C2
C2:	Clearance less than normal
C3:	Clearance greater than normal
C4:	Clearance greater than C3
C5:	Clearance greater than C4
CSxx:	Clearance special
	(xx is mean value 0.001 mm)

pg. 7

Cylindrical Roller Bearing Numbering System



1. PREFIX

No Prefix:	Heat stabilized up to 250 °F (120 °C)
TS2:	Heat stabilized up to 320 °F (160 °C)
TS3:	Heat stabilized up to 390 °F (200 °C)
TS4:	Heat stabilized up to 480 °F (250 °C)

2. TYPE

Z . III L	
N:	Straight outer ring w/inner ring and roller assembly
NU:	Straight inner ring w/outer ring and roller assembly
NF:	One lip outer ring w/inner ring and roller assembly
NJ:	One lip inner ring w/outer ring and roller assembly
NH:	NJ series bearing w/HJ thrust collar (NJ+HJ = NH)
NN:	Double row cylindrical roller bearing
HJ:	Separate thrust collar
R, RN, RNU:	Special cylindrical roller bearing
NUP:	Non-separable ring and roller assembly

3. SERIES

10: 2: 22: 23: 3: 4:	ISO 10 Series ISO 02 Series Wide ISO 02 Series Wide ISO 03 Series ISO 03 Series ISO 04 Series
4. BORE	
00:	10mm
01:	12mm
02:	15mm
03:	17mm
04+:	# * 5 = Bore diameter in mm (ex. 04=20 mm)

5. INTERNAL DESIGN

E: High capacity CRB

6. CHAMFER

Xn:

7. CAGE

No symbol:	Standard cage
F1:	Machined steel cage
J:	Pressed steel cage
G1:	Machined brass cage
L1:	Machined brass cage
T2:	Nylon cage
T2X:	Nylon cage

8. INTERNAL CLEARANCE

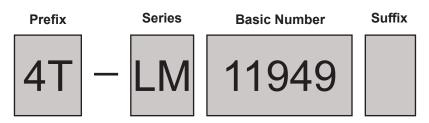
No symbol:	Normal clearance
NA:	Radial clearance of cylindrical roller bearing
	with non-interchangable components
C1:	Clearance less than C2
C2:	Clearance less than normal
C3:	Clearance greater than normal
C4:	Clearance greater than C3
C5:	Clearance greater than C4
CSxx:	Clearance special
	(xx is mean value 0.001 mm)
9. PRECISION	

Special chamfer, from 1 onward (X1, X2...)

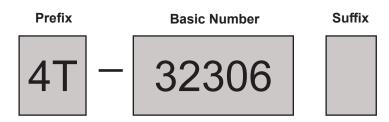
No symbol:ISO class 0 (equivalent to ABEC 1)P6:ISO class 6 (equivalent to ABEC 3)P5:ISO class 5 (equivalent to ABEC 5)P4:ISO class 4 (equivalent to ABEC 7)P2:ISO class 2 (equivalent to ABEC 9)PXn:Special precision, from 1 onward
(PX1, PX2, ...)UP:Ultra High Precision

Tapered Roller Bearing Numbering System

Inch Series



ISO (Metric) Series



1. PREFIX

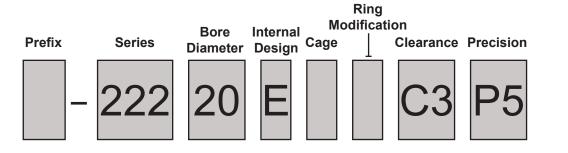
- ET: NTN Endurance taper roller bearing, case hardened
- 4T: NTN 4-Top tapered roller bearing, case hardened
- E: Case hardened steel
- T: Internationally interchangeable dimensions

2. SERIES

- HH: Heavier than heavy
- H: Heavy
- HM: Heavy-medium
- M: Medium
- LM: Light medium
- L: Light
- J: J-metric series (ex: 4T-JM736110)

- A: Different bore, OD, width or radius from basic pn
- D: Denotes double ring (inch series only)
- L: Seal
- PK: Class K for J metric
- PXn: Special tolerance from 1 onward (PX1, PX2,...)
- S: Different bore, OD, width or radius from basic pn
- U: ISO series, internationally interchangeable through hardened steel
- W: Slot or keyway
- X: Different bore, OD, width or radius from basic pn
- -3: AFBMA class 3
- -0: AFBMA class 0
- -00: AFBMA class 00

Spherical Roller Bearing Numbering System



1. PREFIX

TS2:	Heat stabilized up to 320 °F (160 °C)
TS3:	Heat stabilized up to 390 °F (200 °C)
TS4:	Heat stabilized up to 480 °F (250 °C)
MX:	All components phosphate coated

2. SERIES

213:	Standard series spherical roller bearing
222, 223:	Standard series spherical roller bearing
230, 231:	Standard series spherical roller bearing
232, 239:	Standard series spherical roller bearing
240, 241:	Standard series spherical roller bearing
W:	Wide series spherical w/integral seals

3. BORE

00:	10mm
01:	12mm
02:	15mm
03:	17mm
04+:	# * 5 = Bore diameter in mm (ex. 04=20 mm)

4. INTERNAL DESIGN

B:	One pc ribbed inner ring, asymmetrical
	roller, center guide rib
UA:	Inner ring w/o center guide, asymmetrical
	rollers & outer ring center guided retainer
	(limited thrust capabilities)
E:	High capacity spherical roller bearing
	(stabilized to 200°C)

5. CAGE

No Symbol:	Standard cage
A:	Pressed steel cage (E Type)
J:	Pressed steel cage
L1:	Machined brass cage
M:	Machined brass cage (E Type)
T2:	Nylon cage
G15:	Nylon cage (E Type)

6. SEALS

LL:

Two integral garter seals w/steel backing plate

7. RING MODIFICATION

D1:	Oil groove and holes
W33:	Oil groove and holes
K:	Tapered bore (1:12)
K30:	Tapered Bore (1:30) (240, 241 series)

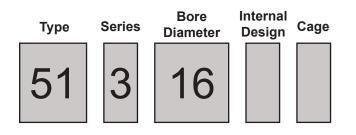
8. INTERNAL CLEARANCE

No symbol:	Normal clearance
C1:	Clearance less than C2
C2:	Clearance less than normal
C3:	Clearance greater than normal
C4:	Clearance greater than C3
C5:	Clearance greater than C4
CSxx:	Clearance special
	(xx is mean value 0.001 mm)

9. PRECISION

No symbol:	ISO class 0 (equivalent to ABEC 1)
PXn:	Special precision, from 1 onward
	(PX1, PX2,)
Vn:	Special requirement, from 1 onward
	(V1, V2,)
VS1 or F801:	Special tolerance for shaker screen bearing
	(C3 clearance)
VS2 or F800:	Special tolerance for shaker screen bearing
	(C4 clearance)
F802:	Special tolerance for shaker screen bearing
	(C0 clearance)

Ball and Roller Thrust Bearing Numbering System



1. TYPE

- 51, 53*: Single direction thrust ball bearing
- 52, 54*: Double direction thrust ball bearing
- 56: Angular contact thrust bearing
- 292: Spherical thrust roller bearing
- 293: Spherical thrust roller bearing
- 294: Spherical thrust roller bearing
- 29: Single direction thrust ball bearing
- 9: Single direction thrust ball bearing
- *Self-aligning outside diameter

2. SERIES

8:	ISO 18	series
----	--------	--------

- 9: ISO 19 series
- 0: ISO 10 series
- 2: ISO 02 series
- 3: ISO 03 series

3. BORE

- 00: 10mm
- 01: 12mm
- 02: 15mm
- 03: 17mm
- 04+: # * 5 = Bore diameter in mm (ex. 04=20 mm)

4. INTERNAL DESIGN

E:

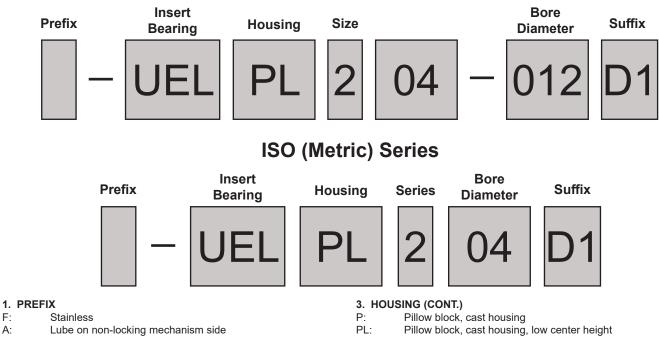
U:

Internal design, not interchangeable with standard series. Misaligning ring included (type 53 and 54 only)

5. CAGE

No Symbol:	Standard cage
J:	Pressed steel cage
L1:	Machined brass cage
T2:	Nylon cage

Mounted Bearing Unit Numbering System



Inch Series

- A: C:
- Open cover (Cast iron) CM: Closed cover (Cast iron)

2. BEARING INSERTS*

F:

- Narrow inner ring, locking collar AEL:
- AR: Narrow inner ring, set screw type
- AS: Narrow inner ring, set screw type
- JEL: Narrow inner ring, eccentric locking collar
- REL: Wide inner ring, eccentric locking collar
- UR: Wide inner ring, set screw type
- UC: Wide inner ring, set screw type w/flinger
- UFI · Wide inner ring, locking collar w/flinger
- UK: Tapered bore, w/ flinger
 - For cylindrical OD, add "S" to pn (ex: JELS)

3. HOUSING

- F٠ Flanged unit, cast 4-bolt square housing
- FA: Flanged unit, cast rhombus housing
- FC: Flange piloted unit, cast, round housing
- FD: Flanged unit, cast, short 2-bolt housing
- FH: Flanged unit, cast housing
- FL: Flanged unit, cast, 2-bolt housing
- ES: Flanged piloted unit, cast, 4-bolt square housing
- Flanged unit, cast, 4-bolt square bearing FU:
- PF: Flanged unit, pressed steel, 3-bolt round housing
- PFL: Flanged unit, pressed steel, 2-bolt housing
- RPF: Flanged unit, pressed steel w/rubber ring, 3-bolt round housing
- HP: Pillow block, cast housing, high center height

- Pillow block, pressed steel housing PP.
- RPP: Pillow block, pressed steel housing w/rubber ring
- UP: Pillow block, cast housing, tapped base
- Cylindrical cartridge unit C.
- HB: Hanger unit, cast housing
- PT: Mini stretcher
- T: Take-up unit, cast housing

4. SERIES

- 2: Light
- X: Medium
- 3: Heavy

5. BORE

- 00. 10mm
- 01: 12mm
- 02. 15mm
- 03: 17mm
- $04 + \cdot$ # * 5 = Bore diameter in mm (ex. 04=20 mm)
- Number of 1/16" (ex: 115 = 1.15/16") Xnn:

6. SUFFIX

- Relube type D1
- W3: Cup point set screw
- N: Snap ring groove
- Snap ring and groove NR:
- R٠ Meets ISO series
- Heat stabilized up to 284 °F HT1D1: HT2D1: Heat stabilized up to 392 °F (200 °C)
- Cold stabilized down to -76 °F CT1:

pg.11

Ultra-Class[™] Mounted Bearing Unit Numbering System

Insert Bearing Housing Duty Series

- 3/4 Suffix

1. BEARING INSERTS

 AR:
 Narrow inner ring, set screw type

 JEL:
 Narrow inner ring, locking collar

 UC:
 Wide inner ring, set screw type w/flinger

 UEL:
 Wide inner ring, locking collar w/flinger

2. HOUSING

FLU:Flanged unit, cast, 2-bolt housingFU:Flanged unit, cast, 4-bolt square bearingP:Pillow block, cast housingPL:Pillow block, cast housing, low center height

3. DUTY SERIES

No symbol:	Standard duty (equivalent to 2 series)
X:	Medium duty (equivalent to X series)

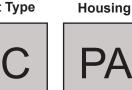
4. BORE DIAMETER

X.X/X: Bore diameter in fraction

- M: Black oxide coating
- FG1: Food grade solid lube, no relube feature included
- LP03: Standard solid lube
- LP09: Food grade solid lube

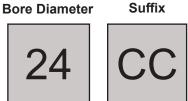
Corrosion Resistant Bearing Unit Numbering System (NTN-SNR)











1. MATERIAL

- S: Stainless steel
- Z: Zinc plated (insert only)
- M: Stainless steel (insert only)

2. INSERT TYPE

- UC: Wide inner ring, set screw type w/flinger
- UEL: Wide inner ring, locking collar, w/flinger

3. HOUSING

- P: Pillow block
- PA: Tapped base pillow block, cast housing
- PL: Pillow block, cast housing, low center height
- PPL: Pillow block, thermoplastic housing*
- FL: Two bolt flange, cast housing
- NFL: Two bolt flange, thermoplastic housing*
- FBL: Three bolt flange, thermoplastic housing*
- F: Four bolt flange, cast housing
- FPL: Four bolt flange, thermoplastic housing*
- T: Take up unit, cast housing
- *These housings can only be used with "M" or "Z" inserts.

All other units are only used with "S" inserts.

4. Size

2xx: Base housing and bearing size

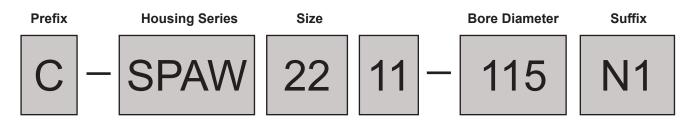
5. BORE DIAMETER

X: Bore diameter in 16ths of an inch (ex: 24/16 = 1.5")

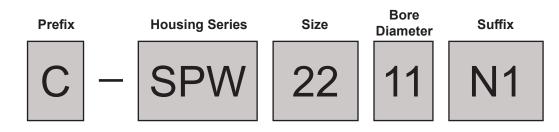
- CC: Closed Cover (one closed and one open cover)
- CO: Open Cover (two open covers)
- FG1: Food grade solid lube, no relube feature included
- N: Machined face to accept end covers

Spherical Housed Bearing Unit Numbering System

Inch Series



ISO (Metric) Series



1. PREFIX

- C: Taconite service seals with open covers
- CM: Taconite service seal with closed cover

2. HOUSING SERIES

- SP: Sealed metric spherical pillow block (inch or metric shaft)
- SPA: Sealed inch spherical pillow block (inch or metric shaft)
- SFC: Sealed metric spherical, flanged block (inch or metric shaft)
- SAF: Split pillow block, cast iron housing (inch bore shaft)
- SAFS: Split pillow block, cast steel housing (inch bore shaft)
- FSAF: Split pillow block, cast iron, 4 bolt base
- FSPA: Sealed pillow block, inch, 4 bolt base

3. BEARING

W222: Sealed, wide spherical roller bearing

4. BORE DIAMETER

- Xnn: Number of 1/16" (ex: 115 = 1.15/16")
- 04+: # * 5 = Bore diameter in mm (ex. 04=20 mm)

- N1: Ductile cast iron housing
- F: Solid base
- G: One stabilizing ring included (when ordering housing only)

Prefix & Suffix Interchange

CHARACTERISTICS	NTN	SKF	FAG	TIMKEN	NSK	NTN
Closures						
One Non-Contact Seal	LB	RZ	RSD	N/A	V	LB
Two Non-Contact Seals	LLB	2RZ	2RSD	N/A	VV	LLB
One Contact Seal	LU	RS1	RSR	Р	DU	LU
Two Contact Seals	LLU	2RS1	2RSR	PP	DDU	LLU
One Shield	Z	Z	Z	D	Z	Z
Two Shields	ZZ	2Z	2Z	DD	ZZ	ZZ
One Snap Ring	NR	NR	NR	G	NR	NR
Precision Classes						
ABEC 3	P6	P6	P6	M*	PA3	P6
ABEC 5	P5	P5	P5	V*	P5, PA5	P5
ABEC 7	P4	P4	P4	MM*	P4, PA7	P4
ABEC 9	P2	PA9A	P2	MMX*	P2, PA7	P2
Contact Angles						
15 [°]	С	С	С	2*	С	С
25 [°]	н	AC, ACD	E	3*	A5	н
30 [°]	NO SYM	А	N/A	N/A	NO SYM	NO SYM
40 [°]	В	В	В	WN	В	В
Preload						
Extra Light	GL	G0	UO	UX	C2	GL
Light	GN, J74	GA	UL	UL	L, C7	GN, J74
Medium	GM, J84	GB	UM	UM	M, C8	GM, J84
Heavy	GH, J94	GC	-	UH	H, C9	GH, J94
Cage						
Phenolic	T1	TP	TA, TB, TH, TP	CR	т	T1
Pressed Brass	Y	Y	MP	NO SYM	Y	Y
Polyamide	T2	TN, P	TN	PRB/PRC	TY	T2
Bronze	L1	М	M, MP	MBR	CAM, M	L1
Nylon	T2	TN9	T, TV	CF	TY	T2
Pressed Steel	J	J	J	C, CD	W	J
Duplex						
Universal Ground	G, U	G**	U	SU	G	G, U
Spherical Features						
Taper Bore	к	к	К	K	К	К
Oil Groove	W33, D1	W33	S	W33	E4	W33, D1
Shaker Screens	UAVS, EF800, EMADIVS	CACM2/W502	F80	W800	U15-VS	UAVS, EF800, EMADIVS

Ball Bearing Contact Seal Design Features:

- Dual lip design

* Prefix ** Old Nomenclature; New = CA, CB, CC, GA, GB, GC

As one lip wears, the secondary lip makes contact
 Longer seal life

- Tighter contact pressure

- Available in various higher temp materials

- Available in low torque design

- Most competitors use a single lip design

Bearing Series Interchange

CHARACTERISTICS	ΝΤΝ	SKF	FAG	TIMKEN	NSK	NTN
Cylindricals						
	N	N	N	000RN0	N	N
	NU	NU	NU	000RU0	NU	NU
	NF	NF	N/E	000RF0	NF	NF
	NJ	NJ	NJ	000RJ0	NJ	NJ
	NH	NH	NJ & HJ	N/A	NH	NH
	NN	NN	NN	N/A	NN	NN
Ball Bearings						
	R	EE OR R	R	S	R	R
	600	600	600	30K	600	600
	6800	61800	61800	-	6800	6800
	6900	61900	61900	9300K	6900	6900
	6000	6000	6000	9100K	6000	6000
	6200	6200	6200	200K	6200	6200
	6300	6300	6300	300K	6300	6300
	6400	6400	6400	6400	6400	6400
Max Capacity	BL200	200	200	200W	BL200	BL200
	BL300	300	300	300W	BL300	BL300
Angular Contact						
	7800	71800	71800	-	-	7800
	7900 (71900)	71900	71900	2MM9300WI	7900	7900 (71900)
	7000	7000	7000	7100	7000	7000
	7200	7200	7200	7200	7200	7200
	7300	7300	7300	7300	7300	7300
Sphericals						
	21300	21300	21300	21300	21300	21300
	22200	22200	22200	22200	22200	22200
	22300	22300	22300	22300	22300	22300
	23000	23000	23000	23000	23000	23000
	23100	23100	23100	23100	23100	23100
	23200	23200	23200	23200	23200	23200
	23400	23400	23400	23400	23400	23400
	24000	24000	24000	24000	24000	24000
	24100	24100	24100	24100	24100	24100

NTN's DOL

DOL (Distributor On-Line) is your one-stop e-shop

DOL is so much more than just an online ordering site. Available when and where you need it, consider it to be your personalized NTN store – complete with your account-specific pricing, ordering templates, customer service contact information, order tracking, and full visibility into NTN's aftermarket inventory. And it's all easily accessible and manageable from your computer or mobile device.



Place orders easier

Create an order with the Order Pad function, or upload a spreadsheet with the products you need using Order Uploader, or manage your Shopping Cart (or multiple carts!) to create an ongoing Stocking Order template. Once a part is selected, the LIVE inventory availability, customer-specific pricing, and desired packaging options are shown in the Shopping Cart. With the multiple shopping cart feature, you can have more than one order open at a time – and you can name each order so you can keep your orders straight. This helps you manage heavy customer loads so you can still answer the phone, take new orders, or handle any last minute tasks while keeping all your current orders straight.

Multiple Look Ups

Users can look up parts by NTN part number, by competitive part number or OE part number. The Autocorrect function helps direct to the correct number needed. Also, users can find the correct part by entering dimensions and specification in the Build-A-Bearing function.

Control and track orders

Select the best method of shipping for each order, control request dates and shipping schedules, and view your account's sales history. Plus, see when an order was shipped, what location it was shipped from, and when it is expected to arrive.

"Build a Bearing" function

Know the dimensions of the part you need but not the part number? This feature lets you enter the information that you do have and then generates a part that fits your description.

Quickly connect with your customer service representative

On DOL, your account-specific Sales and Customer Service representatives contact information is easily accessible.

Stay up-to-date

Be the first to know about promotional pricing, new product introductions, and product updates.

Register to get set up on DOL today!

If you are an authorized NTN distributor, go online to **www.ntn.ca** and click on the "**Contact Us**" link at the top of the page and complete the brief form. Then, your user name and password will be emailed to you.



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