



Inch bearing and Plummer Block Designations



SERIES CODE

appears where - is shown in type code

- KLN** = Small extra light (single row radial bearing only)
- XL** = Extra light
- L** = Light
- M** = Medium
- H** = Heavy

Plummer Blocks

Type

- SN** Split block standard felt sealing arrangement 
- SNU** Split block standard nitrile rubber seals 

Series

5 = Medium 6 = Heavy

Bore codes

As for metric ball bearings eg:

SNU510 = 50mm bore

SNU608 = 40mm bore

The same housing can be medium or heavy depending on the bearings used. eg: SNU510 - 608 will accept light series 50mm bore bearings and medium series 40mm bore bearings

Tapered roller bearings

Inch tapered roller bearings require separate part numbers for the cup and cone. Dimensions are not logically indicated by the references of which there are many forms. eg:








CUP LM48548	CONE LM48510
2877	2820
336	332

Refer to catalogue for details








TYPE CODES

 Red surrounds Indicate NSK brand only Blue surrounds Indicate RHP brand only




Ball bearings* may have seals or shields similar to those of metric sizes

- J	Single row radial		QJ	Single row duplex	
- JT	Single row angular contact		* R	Single row radial <small>Same as RHP KLNJ but tolerance variation. Bore in 1/16 inch steps</small>	
N - J	Double row self aligning		- T	Thrust	
0	Single direction thrust <small>(Equivalent to RHP LT-B type.) Bore in 1/8 inch steps</small>				




Cylindrical roller bearings

- RJ	Plain outer Two rib inner		-- RJ	Two rib outer Plain inner	
- RJA	One rib outer Two rib inner		-- RJA	Two rib outer One rib inner	
- RJB	One rib outer plus loose rib Two rib inner		-- RJB	Two rib outer One rib inner plus loose rib	
	N.B. When the outer ring has two FIXED ribs the SERIES code letter is doubled. eg: LLRJ3		-- RJN	Two rib outer Two rib inner	

Externally aligning ball bearings

- SN	Bearing in narrow aligning housing ring	
- SW	Bearing in wide aligning housing with end covers	
- TW	Bearing in wide aligning housing with end covers and tapered adapter sleeve	

Externally aligning roller bearings

R-SN	Bearing in narrow aligning housing ring	
R-SW	Bearing in wide aligning housing with end covers	
R-TW	Bearing in wide aligning housing with end covers and tapered adapter sleeve	

BORE CODE

Standard ball and roller

Bore code	Bore diameter
2 1/2	2 1/2 inches
4	4 inches
Example LLRJA 3 1/2	

R Series

1/16 inch Steps
R4 = 9/16 = 3/4 inch bore
R6 = 5/16 = 3/8 inch bore

0 - Series Thrust

1/8 inch Steps
0-6 = 5/8 = 3/4 inch bore This would be equivalent to RHP LT 3/4 B

Externally aligning bore codes

For these RHP non standard bore code references, refer to catalogue. eg:

LSW 10	= 1 inch bore size
MSW 15	= 2 inch bore size
RMSN 19 3/4	= 3 3/8 inch bore size

TYPE CODES

 Red surrounds indicate NSK brand only

 Blue surrounds indicate RHP brand only

 Grey surrounds indicate NSK & RHP brands

SERIES CODE

BORE CODE

Ball bearings

1^K	Double row self aligning (narrow)		51	Single direction thrust with flat seating washer		98	Single row radial with special outside diameter and width	
11	Double row self aligning - extended inner with slot		52	Double direction thrust with flat seating washer		E	Magneto high limit outside diameters	
*16	Single row radial (narrow)		53	Single direction thrust - aligning seating washer		EN	Magneto low limit outside diameters	
*^K2	Double row self aligning		54	Double direction thrust - aligning seating washers		M	Single row radial	
*3	Double row angular contact		6	Single row radial		*BL	Single row radial maximum capacity	
4	Double row radial		*6 †	Single row radial		QJ	Single row duplex split inner	
5	Double row angular contact		*6†	See symbol key		-DJK	Double row angular contact	
			7	Single row angular contact		-DJT	Double row angular contact split outer	

Key to symbols

SUFFIX K	Bearing has tapered bore for use with tapered sleeve
*	May be fitted with one or two shields or seals suffixed as below
Z,ZZ	Metal shields
RS,ZRS	Rubber seals
DU,DDU	Rubber seals
V,VV	Non contact rubber seals
DW,DDW	Low contact rubber seals
The above suffixes follow the bore code	
† when followed by series codes 8 or 9, these types are equivalent eg: 6809 = 61809	

Cylindrical roller bearings – for wide types add prefix 2 before the series code

N	Plain outer Two rib inner		NF	One rib outer Two rib inner		NJ	Two rib outer One rib inner		NU	Two rib outer Plain inner	
NC	Two rib outer Two rib inner		NH	Two rib outer One rib inner plus thrust collar		NP	One rib outer plus loose rib Two rib inner		NUP	Two rib outer One rib inner plus loose rib	

Tapered roller bearings

Many of these are prefixed with letters HR = High Load

30	Narrow		32	As 30 but wider		33	As 32 but wider	
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Spherical roller bearings

21^K	Narrow		22^K	Medium		23^K	Wide		24^K	As 23 but wider	
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8	Ultra light
9	Extremely light
0	Extra light
1	Extra light (Thrust and spherical bearings only)
2	Light
3	Medium
4	Heavy
L	Light
M	Medium

Defines the diameter of the bore in mm.

For bore diameters of less than 20mm
623 = 3mm
604 = 4mm etc.

Applies up to 9mm then
00 = 10mm
01 = 12mm
02 = 15mm
03 = 17mm

For bearings with bore diameters 20mm and above, multiply last two numbers of reference by 5 to find bore size eg:
04 = 04 x 5 = 20mm
09 = 09 x 5 = 45mm
16 = 16 x 5 = 80mm

Numbers after / are actual bore sizes eg:
60/22 = 22mm

19 Extremely Light
10 Extra Light
2 Light
3 Medium
4 Heavy

As ball bearings 9, 0, 1, 2 and 3 only

As ball bearings except 8 and 4