



# BEARINGS & POWER TRANSMISSION INFORMATION BOOK

Version 1



# WE STOCK A WIDE RANGE OF PRODUCTS

to support businesses, large or small, from various industries throughout the lower North Island

SOCO are a leading importer, reseller and service provider of electric motors, pumps, drives, gearboxes, bearings, power transmission and component products. We are located in Palmerston North and service a range of industries throughout the lower North Island, from growing, processing, manufacturing through to infrastructure. By being locally owned and operated, we understand our customer's industries and are responsive to their changing requirements.

Our loyal customers know us for our combination of leading product brands, application proficiency, broad engineering expertise, service, experienced repair and diagnostic testing.



We partner with Rotating Machinery Supplies Ltd (RMS) and Motor Technologies Ltd (MTL) to form EMG (Electric Motor Group). EMG is the national importer and distributor for leading global brands like ABB and Brook Crompton. EMG is also a direct importer for an extensive range of electric motors, variable speed drives and speed reducers that exceed New Zealand minimum efficiency ratings.

Rotating Machinery Supplies (RMS) have locations in Hamilton and Christchurch. Brook MTL are located in Auckland.



## DISCOUNT STRUCTURE

Your discount applies to all products within this price book only. If you have any questions regarding your discount please contact one of our team members on 06 354 3651 or email [sales@soco.co.nz](mailto:sales@soco.co.nz).

Your Discount

%



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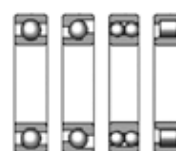
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## What a bearing number means

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## Roller Bearing - Selections + Parts

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# ADDITIONAL PRODUCTS WE STOCK OR SOURCE

Please contact us for more information on 06 354 3651 or [sales@soco.co.nz](mailto:sales@soco.co.nz)

## OTHER BEARING PRODUCTS



## POWER TRANSMISSION



## ELECTRIC MOTORS + VIBRATORS + DRIVES

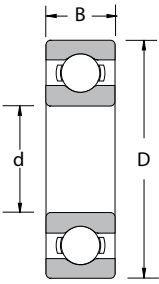


## DOMESTIC + INDUSTRIAL PUMPS



Electric Motors | Pumps | Drives | Bearings | Power Transmission | Workshop Services  
06 354 3651 | [sales@soco.co.nz](mailto:sales@soco.co.nz) | [www.soco.co.nz](http://www.soco.co.nz) | 471 Tremaine Avenue, Palmerston North

**Price List** - Prices shown may vary depending on brand, are ex-warehouse, exclude gst and may change without notice. Terms of trade are available at [www.soco.co.nz/terms-and-conditions](http://www.soco.co.nz/terms-and-conditions). Freight charges may apply. Not all items are held in stock; ordered on request. Images shown may differ from actual. Dimensions stated are a general guide only, please refer to product manual.



- We stock a range of bearings from multiple internationally renowned brands including NSK, FAG, Koyo and Timken
- Other styles and sizes are available including:
  - Miniature
  - Imperial EE, RLS, RMS series
  - Thin series 68 & 69
  - Steel shields & Snap ring
- Standard steel cage on all bearings listed below
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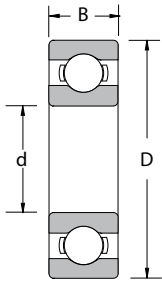


## DEEP GROOVE BALL BEARINGS

Code	Dimensions		
	d (mm)	D (mm)	B (mm)
6000-2RSC3	10	26	8
6001-2RSC3	12	28	8
6002-2RSC3	15	32	9
6003-2RSC3	17	35	10
6004-2RSC3	20	42	12
6005-2RSC3	25	47	12
6006-2RSC3	30	55	13
6007-2RSC3	35	62	14
6008-2RSC3	40	68	15
6009-2RSC3	45	75	16
6010-2RSC3	50	80	16
6011-2RSC3	55	90	18
6012-2RSC3	60	95	18
6013-2RSC3	65	100	18
6014-2RSC3	70	110	20
6015-2RSC3	75	115	20
6016-2RSC3	80	125	22
6017-2RSC3	85	130	22
6018-2RSC3	90	140	24
6019-2RSC3	95	145	24
6020-2RSC3	100	150	24

# DEEP GROOVE BALL BEARINGS - 62 SERIES

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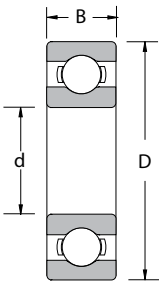


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## DEEP GROOVE BALL BEARINGS

Code	Dimensions		
	d (mm)	D (mm)	B (mm)
6200-2RSC3	10	30	9
6201-2RSC3	12	32	10
6202-2RSC3	15	35	11
6203-2RSC3	17	40	12
6204-2RSC3	20	47	14
6205-2RSC3	25	52	15
6206-2RSC3	30	62	16
6207-2RSC3	35	72	17
6208-2RSC3	40	80	18
6209-2RSC3	45	85	19
6210-2RSC3	50	90	20
6211-2RSC3	55	100	21
6212-2RSC3	60	110	22
6213-2RSC3	65	120	23
6214-2RSC3	70	125	24
6215-2RSC3	75	130	25
6216-2RSC3	80	140	26
6217-2RSC3	85	150	28
6218-2RSC3	90	160	30
6219-2RSC3	95	170	32
6220-2RSC3	100	180	34



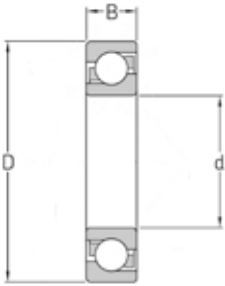
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DEEP GROOVE BALL BEARINGS			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
6300-2RSC3	10	35	11
6301-2RSC3	12	37	12
6302-2RSC3	15	42	13
6303-2RSC3	17	47	14
6304-2RSC3	20	52	15
6305-2RSC3	25	62	17
6306-2RSC3	30	72	19
6307-2RSC3	35	80	21
6308-2RSC3	40	90	23
6309-2RSC3	45	100	25
6310-2RSC3	50	110	27
6311-2RSC3	55	120	29
6312-2RSC3	60	130	31
6313-2RSC3	65	140	33
6314-2RSC3	70	150	35
6315-2RSC3	75	160	37
6316-2RSC3	80	170	39
6317-2RSC3	85	180	41
6318-2RSC3	90	190	43
6319-2RSC3	95	200	45
6320-2RSC3	100	215	47

# SINGLE ROW ANGULAR CONTACT BEARINGS - 72 SERIES

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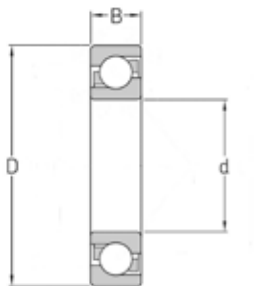


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- Other styles and sizes are also available
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SINGLE ROW ANGULAR CONTACT BALL BEARINGS			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
7200B	10	30	9
7201B	12	32	10
7202B	15	35	11
7203B	17	40	12
7204B	20	47	14
7205B	25	52	15
7206B	30	62	16
7207B	35	72	17
7208B	40	80	18
7209B	45	85	19
7210B	50	90	20
7211B	55	100	21
7212B	60	110	22
7213B	65	120	23
7214B	70	125	24



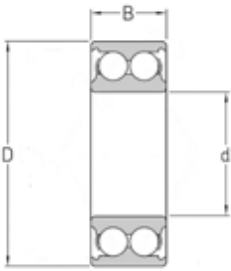


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## SINGLE ROW ANGULAR CONTACT BALL BEARINGS

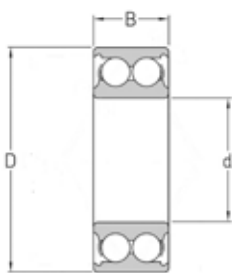
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
<b>7302B</b>	15	42	13
<b>7303B</b>	17	47	14
<b>7304B</b>	20	52	15
<b>7305B</b>	25	62	17
<b>7306B</b>	30	72	19
<b>7307B</b>	35	80	21
<b>7308B</b>	40	90	23
<b>7309B</b>	45	100	25
<b>7310B</b>	50	110	27
<b>7311B</b>	55	120	29
<b>7312B</b>	60	130	31
<b>7313B</b>	65	140	33
<b>7314B</b>	70	150	35



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DOUBLE ROW ANGULAR BALL BEARINGS			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
3200-2RSC3	10	30	14
3201-2RSC3	12	32	15.9
3202-2RSC3	15	35	15.9
3203-2RSC3	17	40	17.5
3204-2RSC3	20	47	20.6
3205-2RSC3	25	52	20.6
3206-2RSC3	30	62	23.8
3207-2RSC3	35	72	27
3208-2RSC3	40	80	30.2
3209-2RSC3	45	85	30.2
3210-2RSC3	50	90	30.2
3211-2RSC3	55	100	33.3
3212-2RSC3	60	110	36.5



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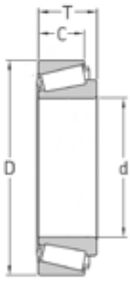


## DOUBLE ROW ANGULAR BALL BEARINGS

Code	Dimensions		
	d (mm)	D (mm)	B (mm)
<b>3304-2RSC3</b>	20	52	22.2
<b>3305-2RSC3</b>	25	62	25.4
<b>3306-2RSC3</b>	30	72	30.2
<b>3307-2RSC3</b>	35	80	34.9
<b>3308-2RSC3</b>	40	90	36.5
<b>3309-2RSC3</b>	45	100	39.7
<b>3310-2RSC3</b>	50	110	44.4
<b>3311-2RSC3</b>	55	120	49.2

# METRIC TAPERED ROLLER BEARINGS - 302 SERIES

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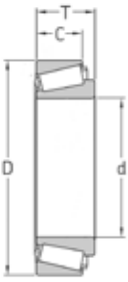


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## METRIC TAPERED ROLLER BEARINGS

Code	Dimensions			
	d (mm)	D (mm)	T (mm)	C (mm)
30202	15	35	11.75	9.25
30203	17	40	13.25	11
30204	20	47	15.25	12
30205	25	52	16.25	13
30206	30	62	17.25	14
30207	35	72	18.25	15
30208	40	80	19.75	16
30209	45	85	20.75	16
30210	50	90	21.75	17
30211	55	100	22.75	18
30212	60	110	23.75	19
30213	65	120	24.75	20
30214	70	125	26.25	21
30215	75	130	27.25	22
30216	80	140	28.25	22
30217	85	150	30.5	24
30218	90	160	32.5	26
30219	95	170	34.5	27
30220	100	180	37	29



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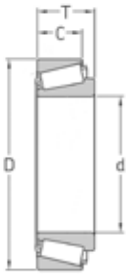
## METRIC TAPERED ROLLER BEARINGS

Code	Dimensions			
	d (mm)	D (mm)	T (mm)	C (mm)
30302	15	42	14.25	11
30303	17	47	15.25	12
30304	20	52	16.25	13
30305	25	62	18.25	15
30306	30	72	20.75	16
30307	35	80	22.75	18
30308	40	90	25.25	20
30309	45	100	27.25	22
30310	50	110	29.25	23
30311	55	120	31.5	25
30312	60	130	33.5	26
30313	65	140	36	28
30314	70	150	38	30
30315	75	160	40	31
30316	80	170	42.5	33
30317	85	180	44.5	34
30318	90	190	46.5	36
30319	95	200	49.5	38
30320	100	215	51.5	39



# METRIC TAPERED ROLLER BEARINGS - 313 SERIES

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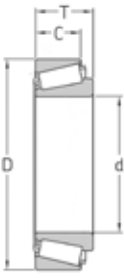


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## METRIC TAPERED ROLLER BEARINGS

Code	Dimensions			
	d (mm)	D (mm)	T (mm)	C (mm)
31305	25	62	18.25	13
31306	30	72	20.75	14
31307	35	80	22.75	15
31308	40	90	25.25	17
31309	45	100	27.25	18
31310	50	110	29.25	19
31311	55	120	31.5	21
31312	60	130	33.5	22
31313	65	140	36	23
31314	70	150	38	25
31315	75	160	40	26
31316	80	170	42.5	27
31317	85	180	44.5	28
31318	90	190	46.5	30
31319	95	200	49.5	32
31320	100	215	56.5	35



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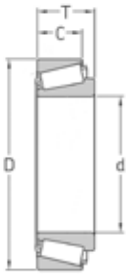


## METRIC TAPERED ROLLER BEARINGS

Code	Dimensions			
	d (mm)	D (mm)	T (mm)	C (mm)
<b>32004 X</b>	20	42	15	12
<b>32005 X</b>	25	47	15	11.5
<b>32006 X</b>	30	55	17	13
<b>32007 X</b>	35	62	18	14
<b>32008 X</b>	40	68	19	14.5
<b>32009 X</b>	45	75	20	15.5
<b>32010 X</b>	50	80	20	15.5
<b>32011 X</b>	55	90	23	17.5
<b>32012 X</b>	60	95	23	17.5
<b>32013 X</b>	65	100	23	17.5
<b>32014 X</b>	70	110	25	19
<b>32015 X</b>	75	115	25	19
<b>32016 X</b>	80	125	29	22
<b>32017 X</b>	85	130	29	22
<b>32018 X</b>	90	140	32	24
<b>32019 X</b>	95	145	32	24
<b>32020 X</b>	100	150	32	24

# METRIC TAPERED ROLLER BEARINGS - 322 SERIES

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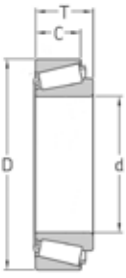


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## METRIC TAPERED ROLLER BEARINGS

Code	Dimensions			
	d (mm)	D (mm)	T (mm)	C (mm)
32203	17	40	17.25	13
32204	20	47	19.25	15
32205	25	52	19.25	15
32206	30	62	21.25	17
32207	35	72	24.25	19
32208	40	80	24.75	19
32209	45	85	24.75	19
32210	50	90	24.75	19
32211	55	100	26.75	21
32212	60	110	29.75	24
32213	65	120	32.75	27
32214	70	125	33.25	27
32215	75	130	33.25	27
32216	80	140	35.25	28
32217	85	150	38.5	30
32218	90	160	42.5	34
32219	95	170	45.5	37
32220	100	180	49	39



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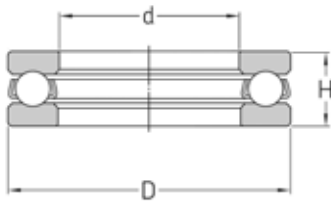


## METRIC TAPERED ROLLER BEARINGS

Code	Dimensions			
	d (mm)	D (mm)	T (mm)	C (mm)
<b>32304</b>	20	52	22.25	18
<b>32305</b>	25	62	25.25	20
<b>32306</b>	30	72	28.75	23
<b>32307</b>	35	80	32.75	25
<b>32308</b>	40	90	35.25	27
<b>32309</b>	45	100	38.25	30
<b>32310</b>	50	110	42.25	33
<b>32311</b>	55	120	45.5	35
<b>32312</b>	60	130	48.5	37
<b>32313</b>	65	140	51	39
<b>32314</b>	70	150	54	42
<b>32315</b>	75	160	58	45
<b>32316</b>	80	170	61.5	48
<b>32317</b>	85	180	63.5	49
<b>32318</b>	90	190	67.5	53
<b>32319</b>	95	200	71.5	55
<b>32320</b>	100	215	77.5	60

# SINGLE THRUST BALL BEARINGS - 511 SERIES

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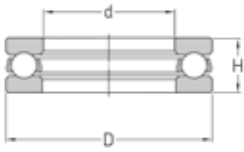


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THRUST BALL BEARINGS			
Code	Dimensions		
	d (mm)	D (mm)	H (mm)
51100	10	24	9
51101	12	26	9
51102	15	28	9
51103	17	30	9
51104	20	35	10
51105	25	42	11
51106	30	47	11
51107	35	52	12
51108	40	60	13
51109	45	65	14
51110	50	70	14
51111	55	78	16
51112	60	85	17
51113	65	90	18
51114	70	95	18





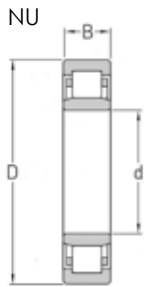
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THRUST BALL BEARINGS			
Code	Dimensions		
	d (mm)	D (mm)	H (mm)
51200	10	26	11
51201	12	28	11
51202	15	32	12
51203	17	35	12
51204	20	40	14
51205	25	47	15
51206	30	52	16
51207	35	62	18
51208	40	68	19
51209	45	73	20
51210	50	78	22
51211	55	90	25
51212	60	95	26
51213	65	100	27
51214	70	105	27

# CYLINDRICAL ROLLER BEARINGS - 2 SERIES

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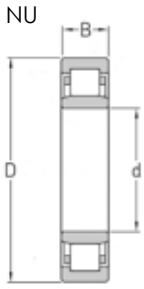
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CYLINDRICAL ROLLER BEARINGS *			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
NU 202	15	35	11
NU 203	17	40	12
NU 204	20	47	14
NU 205	25	52	15
NU 206	30	62	16
NU 207	35	72	17
NU 208	40	80	18
NU 209	45	85	19
NU 210	50	90	20
NU 211	55	100	21
NU 212	60	110	22
NU 213	65	120	23
NU 214	70	125	24
NU 215	75	130	25
NU 216	80	140	26
NU 217	85	150	28
NU 218	90	160	30
NU 219	95	170	32
NU 220	100	180	34
NU 221	105	190	36
NU 222	110	200	38

\* Also available in different styles and cage types





- We stock a range of bearings from multiple internationally renowned brands including NSK, FAG, Koyo and Timken
- Other styles and sizes are also available
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz



CYLINDRICAL ROLLER BEARINGS *			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
NU 303	17	47	14
NU 304	20	52	15
NU 305	25	62	17
NU 306	30	72	19
NU 307	35	80	21
NU 308	40	90	23
NU 309	45	100	25
NU 310	50	110	27
NU 311	55	120	29
NU 312	60	130	31
NU 313	65	140	33
NU 314	70	150	35
NU 315	75	160	37
NU 316	80	170	39
NU 317	85	180	41
NU 318	90	190	43
NU 319	95	200	45
NU 320	100	215	47
NU 321	105	225	49
NU 322	110	240	50

\* Also available in different styles and cage types

NJ



N

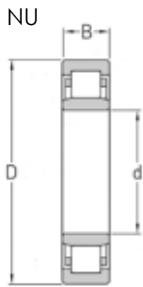


NUP



# CYLINDRICAL ROLLER BEARINGS - 22 SERIES

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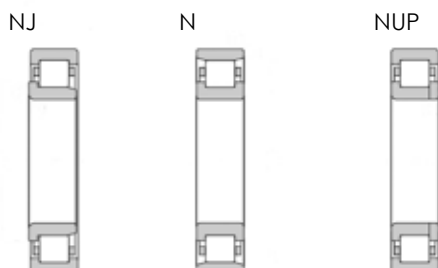


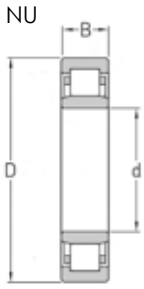
- We stock a range of bearings from multiple internationally renowned brands including NSK, FAG, Koyo and Timken
- Other styles and sizes are also available
- For any of your bearing requirements please contact us on 354 3651 or [sales@soco.co.nz](mailto:sales@soco.co.nz)



CYLINDRICAL ROLLER BEARINGS *			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
NU 2203	17	40	16
NU 2204	20	47	18
NU 2205	25	52	18
NU 2206	30	62	20
NU 2207	35	72	23
NU 2208	40	80	23
NU 2209	45	85	23
NU 2210	50	90	23
NU 2211	55	100	25
NU 2212	60	110	28
NU 2213	65	120	31
NU 2214	70	125	31
NU 2215	75	130	31
NU 2216	80	140	33
NU 2217	85	150	36
NU 2218	90	160	40
NU 2219	95	170	43
NU 2220	100	180	46
NU 2222	110	200	53

\* Also available in different styles and cage types



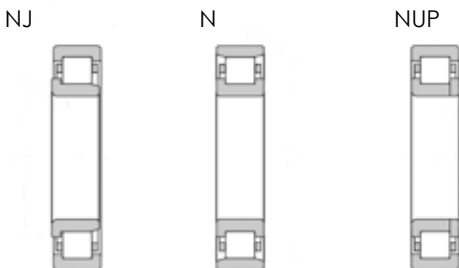


- We stock a range of bearings from multiple internationally renowned brands including NSK, FAG, Koyo and Timken
- Other styles and sizes are also available
- For any of your bearing requirements please contact us on 354 3651 or [sales@soco.co.nz](mailto:sales@soco.co.nz)

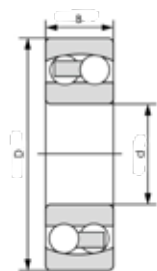


CYLINDRICAL ROLLER BEARINGS *			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
NU 2304	20	52	21
NU 2305	25	62	24
NU 2306	30	72	27
NU 2307	35	80	31
NU 2308	40	90	33
NU 2309	45	100	36
NU 2310	50	110	40
NU 2311	55	120	43
NU 2312	60	130	46
NU 2313	65	140	48
NU 2314	70	150	51
NU 2315	75	160	55
NU 2316	80	170	58
NU 2317	85	180	60
NU 2318	90	190	64
NU 2319	95	200	67
NU 2320	100	215	73
NU 2322	110	240	80

\* Also available in different styles and cage types





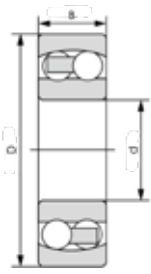


- We stock a range of bearings from multiple internationally renowned brands including NSK, FAG and Koyo
- Other styles and sizes are also available
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz



SELF ALIGNING BALL BEARINGS *			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
108	8	22	7
1200	10	30	9
1201	12	32	10
1202	15	35	11
1203	17	40	12
1204	20	47	14
1205	25	52	15
1206	30	62	16
1207	35	72	17
1208	40	80	18
1209	45	85	19
1210	50	90	20
1211	55	100	21
1212	60	110	22

\* Available in tapered bore (suffix K) and other sizes



- We stock a range of bearings from multiple internationally renowned brands including NSK, FAG and Koyo
- Other styles and sizes are also available
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz



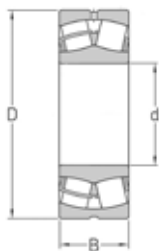
SELF ALIGNING BALL BEARINGS *			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
2201-2RS	12	32	14
2202-2RS	15	35	14
2203-2RS	17	40	16
2204-2RS	20	47	18
2205-2RS	25	52	18
2206-2RS	30	62	20
2207-2RS	35	72	23
2208-2RS	40	80	23
2209-2RS	45	85	23
2210-2RS	50	90	23
2211-2RS	55	100	25
2212-2RS	60	110	28

\* Available in tapered bore (suffix K) and other sizes

# SPHERICAL ROLLER BEARINGS - 222 SERIES

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Cylindrical bore



- We stock a range of bearings from multiple internationally renowned brands including NSK, FAG, Koyo and Timken
- Other styles and sizes are also available
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz

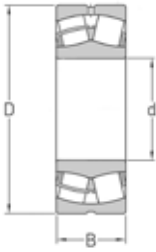


SPHERICAL ROLLER BEARINGS *			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
22205 E	25	52	18
22206 E	30	62	20
22207 E	35	72	23
22208 E	40	80	23
22209 E	45	85	23
22210 E	50	90	23
22211 E	55	100	25
22212 E	60	110	28
22213 E	65	120	31
22214 E	70	125	31
22215 E	75	130	31
22216 E	80	140	33
22217 E	85	150	36
22218 E	90	160	40
22219 E	95	170	43
22220 E	100	180	46

- Available in tapered bore (suffix K) and other sizes
- Please contact us for housing and other components



Cylindrical bore



- We stock a range of bearings from multiple internationally renowned brands including NSK, FAG, Koyo and Timken
- Other styles and sizes are also available
- For any of your bearing requirements please contact us on 354 3651 or [sales@soco.co.nz](mailto:sales@soco.co.nz)



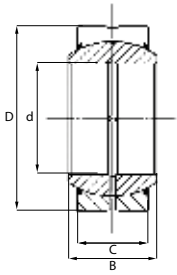
SPHERICAL ROLLER BEARINGS *			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
<b>22308 E</b>	40	90	33
<b>22309 E</b>	45	100	36
<b>22310 E</b>	50	110	40
<b>22311 E</b>	55	120	43
<b>22312 E</b>	60	130	46
<b>22313 E</b>	65	140	48
<b>22314 E</b>	70	150	51
<b>22315 E</b>	75	160	55
<b>22316 E</b>	80	170	58
<b>22317 E</b>	85	180	60
<b>22318 E</b>	90	190	64
<b>22319 E</b>	95	200	67
<b>22320 E</b>	100	215	73

- Available in tapered bore (suffix K) and other sizes
- Please contact us for housing and other components



# SPHERICAL PLAIN BEARINGS - GE SERIES

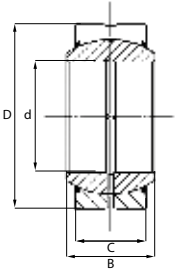
PAGE 26



- We stock a range of bearings from multiple internationally renowned brands
- Other styles and sizes are also available including imperial
- For any of your bearing requirements please contact us on 354 3651 or [sales@soco.co.nz](mailto:sales@soco.co.nz)



SPHERICAL PLAIN BEARINGS				
Code	Dimensions			
	d (mm)	D (mm)	B (mm)	C (mm)
GE15ES-2RS	15	26	12	9
GE17ES-2RS	17	30	14	10
GE20ES-2RS	20	35	16	12
GE25ES-2RS	25	42	20	16
GE30ES-2RS	30	47	22	18
GE35ES-2RS	35	55	25	20
GE40ES-2RS	40	62	28	22
GE45ES-2RS	45	68	32	25
GE50ES-2RS	50	75	35	28
GE60ES-2RS	60	90	44	36
GE70ES-2RS	70	105	49	40
GE80ES-2RS	80	120	55	45
GE90ES-2RS	90	130	60	50
GE100ES-2RS	100	150	70	55



- We stock a range of bearings from multiple internationally renowned brands
- Other styles and sizes are also available including imperial
- For any of your bearing requirements please contact us on 354 3651 or [sales@soco.co.nz](mailto:sales@soco.co.nz)

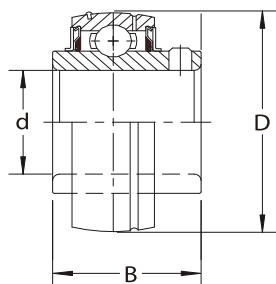


## SPHERICAL PLAIN BEARINGS

Code	Dimensions			
	d (mm)	D (mm)	B (mm)	C (mm)
GEG15ES-2RS	15	30	16	10
GEG17ES-2RS	17	35	20	12
GEG20ES-2RS	20	42	25	16
GEG25ES-2RS	25	47	28	18
GEG30ES-2RS	30	55	32	20
GEG35ES-2RS	35	62	35	22
GEG40ES-2RS	40	68	40	25
GEG45ES-2RS	45	75	43	28
GEG50ES-2RS	50	90	56	36
GEG60ES-2RS	60	105	63	40
GEG70ES-2RS	70	120	70	45
GEG80ES-2RS	80	130	75	50
GEG90ES-2RS	90	150	85	55
GEG100ES-2RS	100	160	85	55

# INSERT GRUB SCREW BEARINGS - UC SERIES

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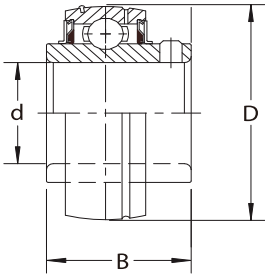
- We stock a range of bearings from multiple internationally renowned brands
- Other styles and sizes are also available
- Measurement conversion table is on page 37
- Housing options are on page 36
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz



## IMPERIAL INSERT GRUB SCREW BEARINGS \*

Code	Dimensions		
	d (inches)	D (mm)	B (mm)
UC201-008	1/2	47	31
UC202-010	5/8	47	31
UC204-012	3/4	47	31
UC205-014	7/8	52	34.1
UC205-015	15/16	52	34.1
UC205-100	1	52	34.1
UC206-102	1 1/8	62	38.1
UC206-103	1 3/16	62	38.1
UC206-104	1 1/4	62	38.1
UC207-104	1 1/4	72	42.9
UC207-105	1 5/16	72	42.9
UC207-106	1 3/8	72	42.9
UC207-107	1 7/16	72	42.9
UC208-108	1 1/2	80	49.2
UC209-110	1 5/8	85	49.2
UC209-111	1 11/16	85	49.2
UC209-112	1 3/4	85	49.2
UC210-114	1 7/8	90	51.6
UC211-200	2	100	55.6
UC212-204	2 1/4	110	65.1
UC212-206	2 3/8	110	65.1
UC213-208	2 1/2	120	65.1
UC214-212	2 3/4	125	74.6
UC215-300	3	130	77.8

\* Some sizes are also available in stainless steel



- We stock a range of bearings from multiple internationally renowned brands
- Other styles and sizes are also available
- Measurement conversion table is on page 37
- Housing options are on page 36
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz



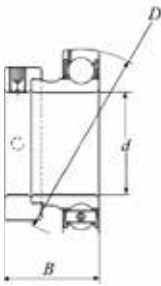
METRIC INSERT GRUB SCREW BEARINGS *			
Code	Dimensions		
	d (mm)	D (mm)	B (mm)
UC201	12	47	31
UC202	15	47	31
UC203	17	47	31
UC204	20	47	31
UC205	25	52	34.1
UC206	30	62	38.1
UC207	35	72	42.9
UC208	40	80	49.2
UC209	45	85	49.2
UC210	50	90	51.6
UC211	55	100	55.6
UC212	60	110	65.1
UC213	65	120	65.1
UC214	70	125	74.6
UC215	75	130	77.8
UC216	80	140	82.6
UC217	85	150	85.7
UC218	90	160	96

\* Some sizes are also available in stainless steel



# INSERT ECCENTRIC LOCKING COLLAR BEARINGS - AEL SERIES

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- We stock a range of bearings from multiple internationally renowned brands
- Other styles and sizes are also available
- Measurement conversion table is on page 37
- Housing options are on page 36
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz

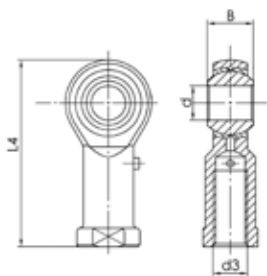


## IMPERIAL INSERT ECCENTRIC LOCKING COLLAR BEARINGS

Code	Dimensions		
	d (inches)	D (mm)	B (mm)
AEL201-008	1/2	40	28.6
AEL202-009	9/16	40	28.6
AEL202-010	5/8	40	28.6
AEL203-011	11/16	40	28.6
AEL204-012	3/4	47	31
AEL205-013	13/16	52	31
AEL205-014	7/8	52	31
AEL205-015	15/16	52	31
AEL205-100	1	52	31
AEL206-101	1 1/16	62	35.7
AEL206-102	1 1/8	62	35.7
AEL206-103	1 3/16	62	35.7
AEL206-104	1 1/4	62	35.7
AEL207-104	1 1/4	72	38.9
AEL207-105	1 5/16	72	38.9
AEL207-106	1 3/8	72	38.9
AEL207-107	1 7/16	72	38.9
AEL208-108	1 1/2	80	43.7
AEL208-109	1 9/16	80	43.7

## METRIC INSERT ECCENTRIC LOCKING COLLAR BEARINGS

Code	Dimensions		
	d (mm)	D (mm)	B (mm)
AEL201	12	40	28.6
AEL202	15	40	28.6
AEL203	17	40	28.6
AEL204	20	47	31
AEL205	25	52	31
AEL206	30	62	35.7
AEL207	35	72	38.9
AEL208	40	80	43.7

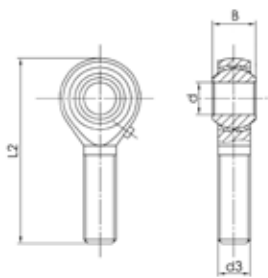


- We stock a range of bearings from multiple internationally renowned brands
- Other sizes are also available including imperial
- Different materials are available
- For left hand thread suffix "L" to be added to the bearing number
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz



## FEMALE ROD ENDS

Code	Dimensions			
	d (mm)	B (mm)	d3 (mm)	L4 (mm)
PHS6	6	9	M6 x 1	39
PHS8	8	12	M8 x 1.25	47
PHS10	10	14	M10 x 1.5	56
PHS12	12	16	M12 x 1.75	65
PHS14	14	19	M14 x 2	74
PHS15	15	20	M14 x 2	79
PHS16	16	21	M16 x 2	83
PHS17	17	22	M16 x 1.5	87
PHS18	18	23	M18 x 1.5	92
PHS20	20	25	M20 x 1.5	100
PHS22	22	28	M22 x 1.5	109
PHS25	25	31	M24 x 2	124

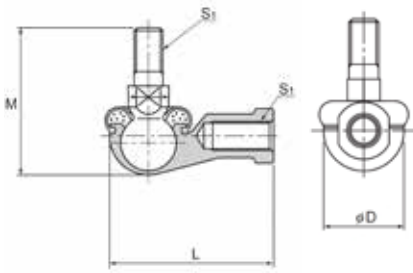


- We stock a range of bearings from multiple internationally renowned brands
- Other sizes are also available including imperial
- Different materials are available
- For left hand thread suffix "L" to be added to the bearing number
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz



## MALE ROD ENDS

Code	Dimensions			
	d (mm)	B (mm)	d3 (mm)	L2 (mm)
POS6	6	9	M6 x 1	45
POS8	8	12	M8 x 1.25	53
POS10	10	14	M10 x 1.5	61
POS12	12	16	M12 x 1.75	69
POS14	14	19	M14 x 2	77
POS15	15	20	M14 x 2	81
POS16	16	21	M16 x 2	85
POS17	17	22	M16 x 1.5	89
POS18	18	23	M18 x 1.5	93
POS20	20	25	M20 x 1.5	101
POS22	22	28	M22 x 1.5	109
POS25	25	31	M24 x 2	124

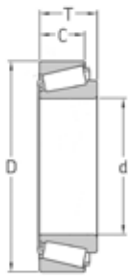


- We stock a range of bearings from multiple internationally renowned brands
- Other sizes are also available including imperial
- Different materials are available
- For any of your bearing requirements please contact us on 354 3651 or sales@soco.co.nz

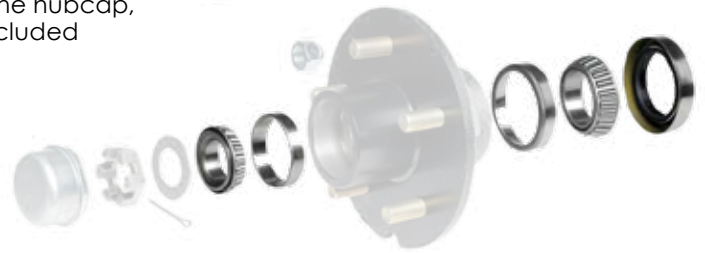


### STUDDED ROD ENDS

Code	Dimensions			
	L (mm)	D (mm)	M (mm)	S1 (mm)
<b>RBL 6</b>	40	19	35.5	M6 x 1
<b>RBL 8</b>	48	23	42.5	M8 x 1.25
<b>RBL 10</b>	57	27	50.5	M10 x 1.25
<b>RBL 10BD</b>	57	27	56.5	M10 X 1.5
<b>RBL 12</b>	66	31	57.5	M12 x 1.25
<b>RBL 12BD</b>	66	31	64.5	M12 X 1.75
<b>RBL 14</b>	75	35	73.5	M14 x 1.5
<b>RBL 16</b>	84	39	79.5	M16 x 1.5
<b>RBL 18</b>	93	44	90	M18 x 1.5
<b>RBL 20</b>	99	44	90	M20 x 1.5
<b>RBL 22</b>	109	50	95	M22 x 1.5



- Kits come with bearings and seals only. The hubcap, washer, castle nut and split pin are not included



TRAILER WHEEL BEARING KITS					
Code (SOCO #)	Code	Contents	Dimensions		
			d (mm)	D (mm)	T (mm)
KIT2980	TWK03	30204	20	47	15.25
		30205	25	52	16.25
		30X52X7 seal			
KIT2981	TWK01L	LM11949/10	19.05	45.237	15.494
		L44600LC/10 Sealed Cone	34.798	50.292	14.224
KIT2982	TWK01	LM11949/10	19.05	45.237	15.494
		L44642/10	25.4	50.292	14.224
		PR6695 seal			
KIT2983	TWK02L	LM11949/10	19.05	45.237	15.494
		LM67000LA/10 Sealed Cone	31.75	59.131	15.875
KIT2984	TWK02	LM11949/10	19.05	45.237	15.494
		LM67048/10	31.75	59.131	15.875
		PR6641 seal			
KIT2985	TWK03L	30205	25	52	16.25
		30205	25	52	16.25
		30X52X7 seal			
KIT2989	TWK05	LM11949/10	19.05	45.237	15.494
		LM48548/10	34.925	65.088	13.97
		PR6697 seal			
KIT2987B/L	TWK07	L44649/10	26.988	50.292	14.224
		L68149/10	35	59.131	15.875
		42X65X8 seal			
KIT2988	TWK04	30204	20	47	15.25
		30206	30	62	17.25
		35X62X7 seal			
KIT2953	-	LM11949/10	19.05	45.237	15.494
		LM67048/10	31.75	59.131	15.875
		PR6518 seal			
KIT2749	-	L44649/10	26.988	50.292	14.224
		LM11749/10	17.463	39.878	13.843
		40X54X5 seal			



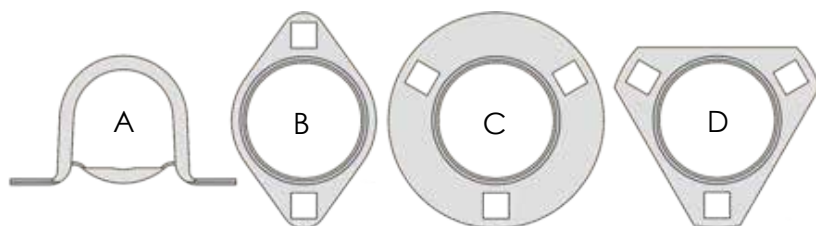
INSERT BEARINGS					
FAG	ASAHI	SKF	NSK	NACHI	FYH
562	UC	YAR	UC	UC	UC
162	KH	YET	AEL	KH	SA
362	UG	YEL	UEL	UG	NA
AELS	KHR	-	AELS	-	SAA
UCS	SER	-	UCS	SER	ER
AS	B	YAT	AS	B	SB
562K	UK	YSA	UK	UK	UK
UCX	UCX	-	UCX	UCX	UCX

HOUSINGS					
FAG	ASAHI	SKF	NSK	NACHI	FYH
P	P	SY	P	P	P
PX	PX	-	PX	PX	PX
F	F	FY	F	F	F
FX	FX	-	FX	FX	FX
FL	FL	FYTB	FL	FL	FL
FB	LFL	-	FB	LFL	LF
T	T	TU	T	T	T
C	C	-	C	C	C
HP	PH	-	HP	PH	PH
UP	PA	SYF	UP	PA	PA
FA	FA	-	FA	FA	FA
FC	FC	FYC	FC	FC	FC
FCX	FCX	-	FCX	-	FCX
FK	FK	-	FH	FK	FB
HB	ECH	-	HB	ECH	HA

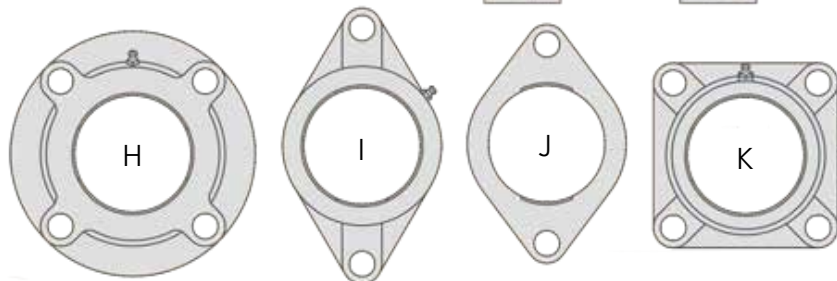
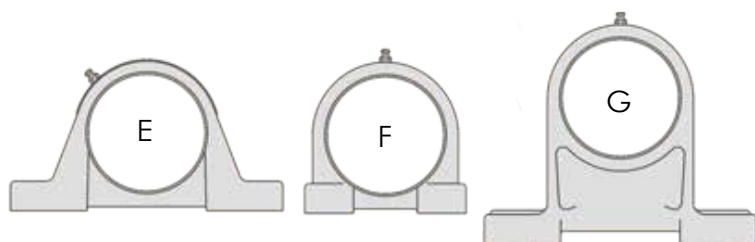
# INSERT BEARING HOUSING TYPES

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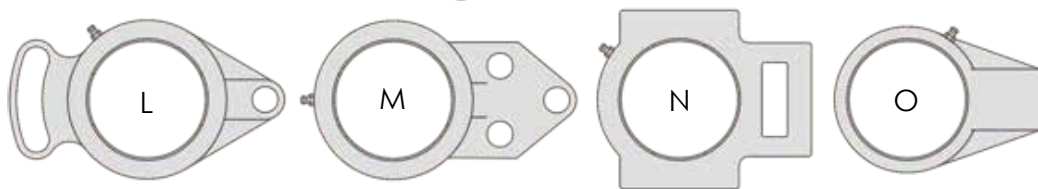
- Available in different styles and sizes
- A - D are pressed steel
- E - O are cast iron, some styles are also available in thermoplastic or stainless steel



Pressed steel housings



Cast iron housings



- A. Pillow block
- B. 2 Bolt flange
- C. 3 Bolt flange round
- D. 3 Bolt flange triangular
- E. Pillow block
- F. Tapped base pillow block
- G. High pillow base
- H. 4 Bolt round spigoted
- I. 2 Bolt flange
- J. Light 2 bolt flange
- K. 4 Bolt flange, square
- L. Adjustable 2 bolt flange
- M. 3 Bolt offset flange
- N. Take-up
- O. Hanger

Inch		0"	1"	2"	3"	4"	5"	6"	7"	8"
Fraction	Decimal									
0	0.000	0.000	25.400	50.800	76.200	101.600	127.000	152.400	177.800	203.200
1/32	0.031	0.794	26.194	51.594	76.994	102.394	127.794	153.194	178.594	203.994
1/16	0.063	1.588	26.988	52.388	77.788	103.188	128.588	153.988	179.388	204.788
3/32	0.094	2.381	27.781	53.181	78.581	103.981	129.381	154.781	180.181	205.581
1/8	0.125	3.175	28.575	53.975	79.375	104.775	130.175	155.575	180.975	206.375
5/32	0.156	3.969	29.369	54.769	80.169	105.569	130.969	156.369	181.769	207.169
3/16	0.188	4.763	30.163	55.563	80.963	106.363	131.763	157.163	182.563	207.963
7/32	0.219	5.556	30.956	56.356	81.756	107.156	132.556	157.956	183.356	208.756
1/4	0.250	6.350	31.750	57.150	82.550	107.950	133.350	158.750	184.150	209.550
9/32	0.281	7.144	32.544	57.944	83.344	108.744	134.144	159.544	184.944	210.344
5/16	0.313	7.938	33.338	58.738	84.138	109.538	134.938	160.338	185.738	211.138
11/32	0.344	8.731	34.131	59.531	84.931	110.331	135.731	161.131	186.531	211.931
3/8	0.375	9.525	34.925	60.325	85.725	111.125	136.525	161.925	187.325	212.725
13/32	0.406	10.319	35.719	61.119	86.519	111.919	137.319	162.719	188.119	213.519
7/16	0.438	11.113	36.513	61.913	87.313	112.713	138.113	163.513	188.913	214.313
15/32	0.469	11.906	37.306	62.706	88.106	113.506	138.906	164.306	189.706	215.106
1/2	0.500	12.700	38.100	63.500	88.900	114.300	139.700	165.100	190.500	215.900
17/32	0.531	13.494	38.894	64.294	89.694	115.094	140.494	165.894	191.294	216.694
9/16	0.563	14.288	39.688	65.088	90.488	115.888	141.288	166.688	192.088	217.488
19/32	0.594	15.081	40.481	65.881	91.281	116.681	142.081	167.481	192.881	218.281
5/8	0.625	15.875	41.275	66.675	92.075	117.475	142.875	168.275	193.675	219.075
21/32	0.656	16.669	42.069	67.469	92.869	118.269	143.669	169.069	194.469	219.869
11/16	0.688	17.463	42.863	68.263	93.663	119.063	144.463	169.863	195.263	220.663
23/32	0.719	18.256	43.656	69.056	94.465	119.856	145.256	170.656	196.056	221.456
3/4	0.750	19.050	44.450	69.850	95.250	120.650	146.050	171.450	196.850	222.250
25/32	0.781	19.844	45.244	70.644	96.044	121.444	146.844	172.244	197.644	223.044
13/16	0.813	20.638	46.038	71.438	96.838	122.238	147.638	173.038	198.438	223.838
27/32	0.844	21.431	46.831	72.231	97.631	123.031	148.431	173.831	199.231	224.631
7/8	0.875	22.225	47.625	73.025	98.425	123.825	149.225	174.625	200.025	225.425
29/32	0.906	23.019	48.419	73.819	99.219	124.619	150.019	175.419	200.819	226.219
15/16	0.938	23.813	49.213	74.613	100.013	125.413	150.813	176.213	201.613	227.013
31/32	0.969	24.606	50.006	75.406	100.806	126.206	151.606	177.006	202.406	227.806



# WHAT A BEARING NUMBER MEANS

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This is the core base line bearing part number that you will be predominately working with. For other codes or if part of the code is missing or has additional letters and numbers at any part of the code, this often means it is a specialised bearing or is specific to the bearings application.

6	3	05	2RS	C3
Pos 1	Pos 2	Pos 3-4	Pos 5-8	Pos 9

TYPE (Pos 1)		LOAD SERIES (Pos 2)		BORE SIZE (Pos 3-4)		
Bearing Type	Bearing Name	Series Code	Series Description	Third & Fourth Digits	Bore Size (mm)	
1	Self-aligning ball bearing	0	Extra light	00	10	
2	Spherical Roller Bearing	1	Extra light	01	12	
3	Double row Angular contact Ball Bearing	2	Light	02	15	
4	Double row ball bearing	3	Medium	03	17	
5	Thrust ball bearing	4	Heavy	From here after		
6	Single row deep groove ball bearing	8	Extra thin section	04	(x5)	20
7	Single row angular contact ball bearing	9	Very thin section	05	(x5)	25
32/T	Tapered roller bearing			06	(x5)	30
R	Inch bearing			And so on ...		
N	Cylindrical roller bearing					
NN	Double row roller bearing					
NA	Needle roller bearing					
BK	Needle roller bearing with closed end (drawn cup)					
HK	Needle roller bearing with open ends (drawn cup)					
K	Needle roller and cage thrust assembly					
QJ	Four-point contact ball bearings					

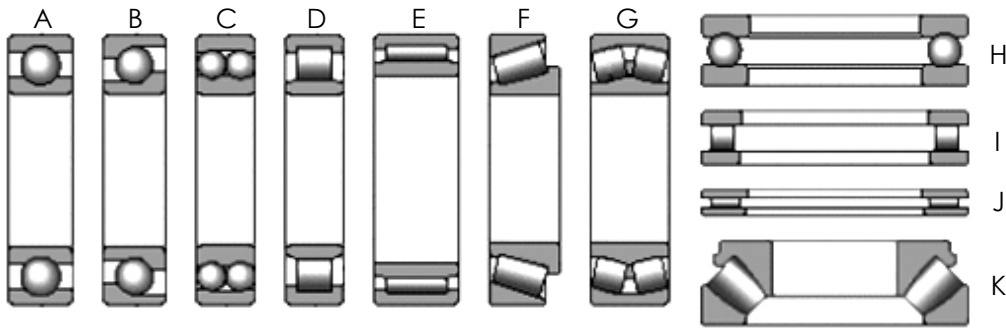
SEAL (Pos 5-8)		CLEARANCE (Pos 9)	
Code	Description	Code	Description
2RS	Double rubber sealed (contact)	C1	Clearance smaller than C2
2RS1	Double rubber sealed (contact)	C2	Clearance smaller than normal
2RSH	Double rubber sealed (contact)	CN or no marking	Normal bearing clearance (not indicated)
DDU	Double rubber sealed (contact)	C3	Clearance larger than normal
LLU	Double rubber sealed (contact)	C4	Clearance larger than C3
2RSR	Double rubber sealed (contact)	C5	Clearance larger than C4
VV	Double rubber sealed (non-contact)		
LLB	Double rubber sealed (non-contact)		
ZZ	Double shielded		
2Z	Double shielded		
Z	Single shield		

Note: Cages are available in various material types; brass, steel or polyamide.

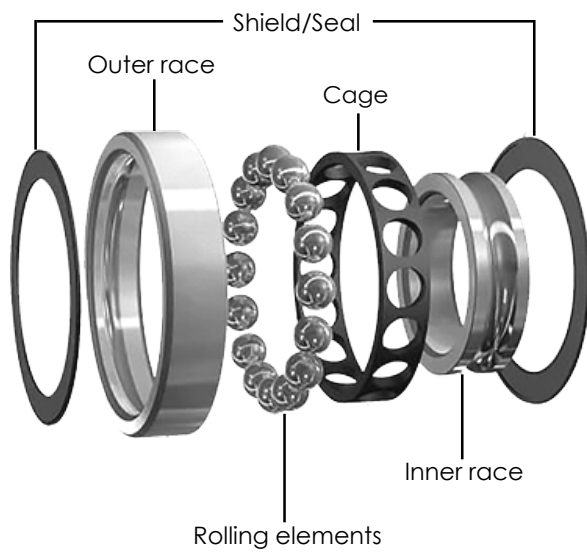


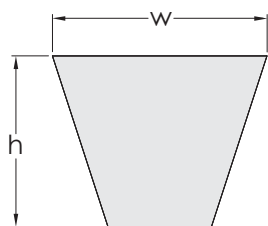
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**Price List** - Prices shown may vary depending on brand, are ex-warehouse, exclude gst and may change without notice. Terms of trade are available at [www.soco.co.nz/terms-and-conditions](http://www.soco.co.nz/terms-and-conditions). Freight charges may apply. Not all items are held in stock; ordered on request. Images shown may differ from actual. Dimensions stated are a general guide only, please refer to product manual.



- A. Deep groove ball bearings
- B. Angular contact ball bearings
- C. Self-aligning ball bearings
- D. Cylindrical roller bearings
- E. Needle roller bearings
- F. Tapered roller bearings
- G. Spherical roller bearings
- H. Thrust ball bearings
- I. Cylindrical roller thrust bearings
- J. Needle roller thrust bearings
- K. Spherical roller thrust bearings





- We stock a range of A, B, SPA, SPB belts as well as timing belts
- Other styles we also have available include:
  - C, SPC belts
  - Cogged belts
  - Banded belts

V-BELTS		
Type	Dimensions	
	w (mm)	h (mm)
SPZ	9.7	8
SPA	12.7	10
SPB	16.3	13
SPC	22	18

Z	10	6
A	13	8
B	17	11
C	22	14

## PULLEY TYPES

- We stock a range of pulleys which include:
  - Taperlock pulleys
  - Biloc pulleys
- Other styles are also available



A.



B.

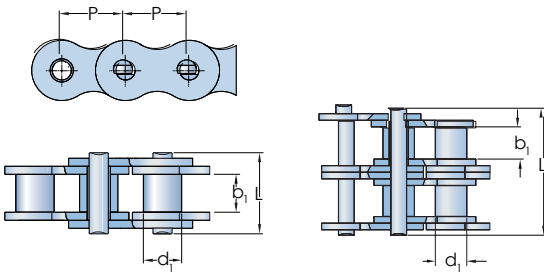


C.



D.

- A. Single groove taperlock pulley
- B. Multi groove taperlock pulley
- C. Pilot bore pulley
- D. Biloc arrangement pulley



- We stock a range of Tsubaki and Kana chain available in British standard, American standard, simplex, duplex, triplex.
- Other styles we also have available include:
  - Conveyor chain
  - Stainless chain
  - Corrosion resistant

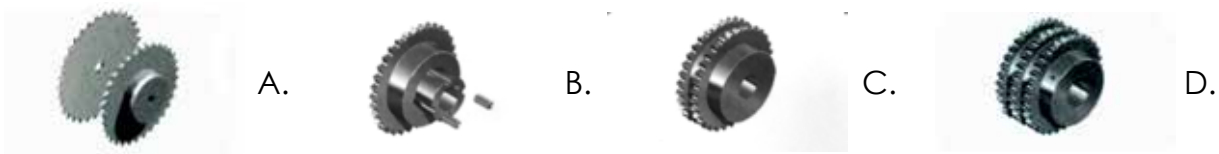
## ROLLER CHAINS

Type	Dimensions			
	Pitch P (mm)	Roller Diameter d1 (mm)	Width between plates b1 (mm)	Pin Length L (mm)
ANSI 41-1	12.70	7.77	6.25	13.75
ANSI 40-1	12.70	7.95	7.85	16.60
ANSI 50-1	15.88	10.16	9.40	20.70
ANSI 60-1	19.05	11.91	12.57	25.90
ANSI 80-1	25.40	15.88	15.75	32.70
ANSI 100-1	31.75	19.05	18.90	40.40
ANSI 120-1	38.10	22.23	25.22	50.30

BS 06B-1	9.53	6.35	5.72	13.15
BS 08B-1	12.70	8.51	7.75	16.70
BS 10B-1	15.88	10.16	9.65	19.50
BS 12B-1	19.05	12.07	11.68	22.50
BS 16B-1	25.40	15.88	17.02	36.10
BS 20B-1	31.75	19.05	19.56	41.30
BS 24B-1	38.10	25.40	25.40	53.40

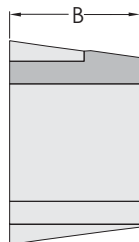
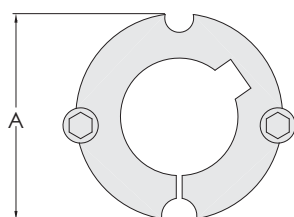
## SPROCKET TYPES

- We stock a range of sprockets in pilot bored
- We can also bore and key on site



- A. Simplex, pilot bore
- B. Simplex, taper bushed
- C. Duplex, standard
- D. Triplex, standard

1008 - 3020



- We stock a comprehensive range of taperlock bushes in both metric and imperial

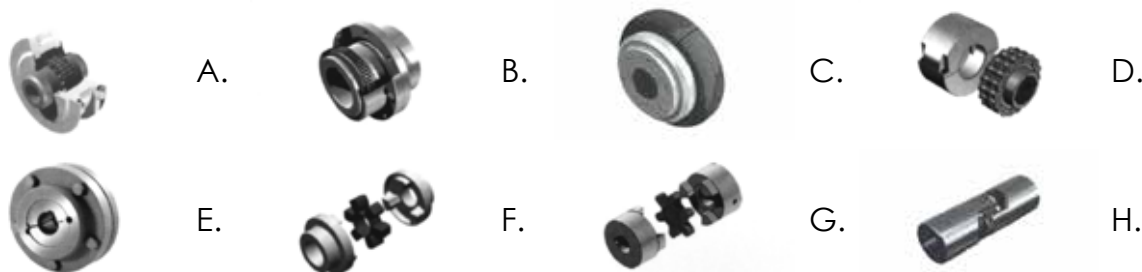
TAPER LOCK BUSHES				
Size	Bore		Dimensions	
	Min (mm)	Max (mm)	A (mm)	B (mm)
1008	9	25	35.2	22.2
1108	9	28	38.4	22.2
1210	11	32	47.6	25.4
1610	14	42	57.2	25.4
2012	14	50	69.9	31.8
2517	16	60	85.7	44.5
3020	25	75	108	50.8

3535	35	90	127.0	89.0
4040	40	100	146.0	102.0
4545	55	120	161.0	114.0

## COUPLING TYPES

- We stock a range of L-Jaw pre-bored couplings
- Other styles we also have available include:
  - Tyre couplings
  - HRC couplings
  - Centaflex couplings
  - Pin & Bush couplings



- A. Grid coupling
- B. Gear coupling
- C. Tyre coupling
- D. Chain coupling

- E. Rigid coupling
- F. HRC coupling
- G. Jaw coupling
- H. Universal coupling

[illegible]



## OUR TEAM

- The SOCO team are experienced and qualified to offer technical advice on a range of products.
- For any inquiry please contact us on 06 354 3651, [sales@soco.co.nz](mailto:sales@soco.co.nz) or visit us at 471 Tremaine Avenue, Palmerston North



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Bearing Department  
Manager



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Area Sales  
Representative



Ariana MacDonald  
Customer Service



Damon McKee  
Workshop Foreman



Ivan Hansen  
Workshop Technician



Dave Bartosh  
Workshop Technician



Bryan Gilchrist  
Workshop Service  
Technician



Alan Parker-Murrell  
Workshop Technician



Peter Burling  
Workshop Service  
Technician



Fiona Odering  
Marketing



Rose Divinagracia  
Administrator



Ruby



For well over a century, the Dodge line of bearings, gearing and power transmission components have helped manufacturers, OEMs and producers in numerous industries increase the productivity and profitability of their operations. By focusing on each industry and concentrating on its specific needs, Dodge have developed innovative product solutions and advanced technologies that help improve output, decrease downtime and enhance system value.



FAG bearings have been synonymous with high quality for over 120 years. German designed FAG offer a broad range of bearing products that includes rolling and plain bearings, linear and direct drive technology, ranging from high-speed and high-precision bearings with small diameters to large-size bearings several meters wide. FAG provide bearing solutions for a range of industry.



Koyo is well known with a focus and commitment to deliver customers with high quality products and the best solution. By combining technology with design engineering expertise, Koyo are able to offer a breadth of advanced bearings and solutions. Koyo bearings are found virtually anywhere where accurate rotational control is required. Many bearings are specially developed to function with optimum efficiency in harsh environments such as weightless or extremely corrosive conditions.



NSK is a manufacturer of industrial machinery bearings globally and the largest in Japan. They provide products and solutions to customers in a wide array of industries around the world. All of NSK's bearings are designed in mind to be compact, lightweight, reduce of friction loss, long service life and high reliability. With this NSK's bearing feature, the machinery can benefit less energy, increased production efficiency and contributes significantly to environment conservation.



Timken engineered bearings feature precision tolerances, proprietary internal geometries and quality materials. Our tapered, spherical, cylindrical, thrust, ball, plain, miniature, precision and housed unit bearings deliver strong performance, consistently and reliably.





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