

JOHN BROOKS LTD.

Y O U R P O W E R C O N N E C T I O N



PRODUCT SPECIFICATION GUIDE

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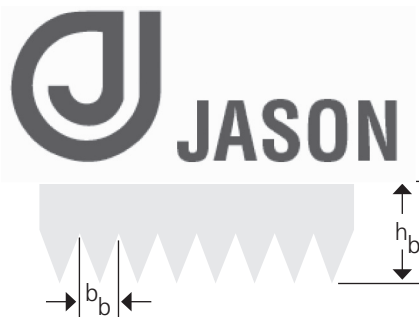
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MULTI-RIB V BELTS

Code P0300J eg.

Where a broad ratio is require up to 40:1.

Turn over is eliminated. Constructed of Rubber cushion, polyester cord and cotton polyester top cover, belts are measured and numbered by the pitch length in inches.



J SECTION (3/32" RIB WIDTH, 5/32" THICK)

*INDENT ITEM

SIZE	METRIC LENGTH	SIZE	METRIC LENGTH	SIZE	METRIC LENGTH	SIZE	METRIC LENGTH
150J	381	260J	660	400J	1016	650J	1651
160J*	406	270J	686	430J	1092	670J*	1702
170J*	432	280J	711	460J	1168	700J*	1778
180J	457	290J	736	490J	1245	730J	1854
190J	483	300J	762	505J	1280	770J	1956
200J	508	320J	813	520J	1321	820J*	2083
210J*	533	330J	838	530J	1346	870J	2210
220J	559	340J	864	550J	1397	900J*	2286
230J	584	360J	914	580J	1473	920J	2337
240J	610	380J	965	610J	1549	980J	2489

L SECTION (3/16" RIB WIDTH, 3/8 THICK)

SIZE	METRIC LENGTH	SIZE	METRIC LENGTH	SIZE	METRIC LENGTH
425L*	1080	635L	1613	815L	2070
460L	1168	655L	1664	840L	2134
480L*	1219	675L	1715	865L	2197
500L	1270	695L	1765	915L	2324
520L*	1321	710L*	1803	975L	2477
540L	1372	725L	1842	990L	2515
560L	1422	765L	1943	1065L	2705
580L*	1473	780L	1981	1120L	2845
615L	1562	795L	2019	1455L	3696

Pitch length in 1/10inch units ie 200 = 20inches

M SECTION AVAILABLE ON INDENT ONLY

SIZE	bb	hb
J section	0.092 inch	0.14 inch
L section	0.185 inch	0.27 inch

JOHN BROOKS LTD.

YOUR POWER CONNECTION

HEXAGONAL V BELTS

**OIL AND HEAT RESISTANT,
STATIC DISSIPATING**

Code VAA060 eg.
Specially designed for serpentine and reversing drives.
Belts are measured by inside length in inches.

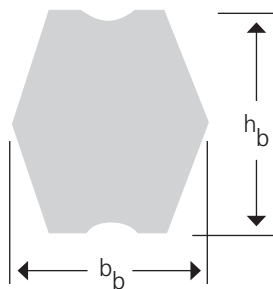


SIZE

AA49	AA68	AA90	BB45	BB60	BB75	BB90	BB97	BB120	BB162
AA51	AA73	AA96	BB50	BB62	BB76	BB92	BB103	BB128	BB168
AA55	AA75	AA105	BB51	BB68	BB81	BB93	BB105	BB136	BB170
AA58	AA80	AA120	BB54	BB71	BB85	BB94	BB107	BB140	BB180
AA60	AA85	AA128	BB55	BB74	BB87	BB96	BB108	BB158	BB210

ALL INDENT ITEMS BELOW

BB Section Hex V belts(21/32" (17mm)wide, 17/32"thick)
CC Section Hex V belts(7/8" (22mm)wide, 11/16"thick)



SIZE	ANGLE	bb	hb
AA	40°	0.50 inch	0.41 inch
BB	40°	0.66 inch	0.53 inch
CC	40°	0.88 inch	0.69 inch

ROULUNDS – ROFLEX

GARDEN BELTS

TOP WIDTHS 3L -3/8"

BELT NO.	OUTSIDE LENGTH IN INCHES	BELT NO.	OUTSIDE LENGTH IN INCHES
3L150	15		
3L170	17	3L430	43
3L180	18	3L440	44
3L190	19	3L450	45
3L200	20	3L460	46
3L210	21	3L470	47
3L220	22	3L480	48
3L230	23	3L490	49
3L240	24	3L500	50
3L250	25	3L510	51
3L260	26	3L520	52
3L270	27	3L530	53
3L280	28	3L540	54
3L290	29	3L550	55
3L300	30	3L560	56
3L310	31	3L570	57
3L320	32	3L580	58
3L330	33	3L590	59
3L340	34	3L600	60
3L350	35	3L610	61
3L360	36	3L620	62
3L370	37	3L630	63
3L380	38	3L690	69
3L390	39	3L710	71
3L400	40	3L740	74
3L410	41	3L750	75
3L420	42		

Code V4L560

Heavy duty lawn and Garden belts, used for clutching applications where the belt needs to slip, and back bending around idler pulleys.

Can be used in Industrial applications with no life reduction.

Material:

Lowered Kevlar cord, with aramid covering, reinforced inside extra heat resistant, rated 400 hours at 90°C.

4L -1/2"

BELT NO.	OUTSIDE LENGTH IN INCHES	BELT NO.	OUTSIDE LENGTH IN INCHES
4L180	18	4L600	60
4L190	19	4L610	61
4L200	20	4L620	62
4L210	21	4L630	63
4L220	22	4L640	64
4L230	23	4L650	65
4L240	24	4L660	66
4L250	25	4L670	67
4L260	26	4L680	68
4L270	27	4L690	69
4L280	28	4L700	70
4L290	29	4L710	71
4L300	30	4L720	72
4L310	31	4L730	73
4L320	32	4L740	74
4L330	33	4L750	75
4L340	34	4L760	76
4L350	35	4L770	77
4L360	36	4L780	78
4L370	37	4L790	79
4L380	38	4L800	80
4L390	39	4L810	81
4L400	40	4L820	82
4L410	41	4L830	83
4L420	42	4L840	84
4L430	43	4L850	85
4L440	44	4L860	86
4L450	45	4L870	87
4L460	46	4L880	88
4L470	47	4L890	89
4L480	48	4L900	90
4L490	49	4L910	91
4L500	50	4L920	92
4L510	51	4L930	93
4L520	52	4L940	94
4L530	53	4L950	95
4L540	54	4L960	96
4L550	55	4L970	97
4L560	56	4L980	98
4L570	57	4L990	98
4L580	58	4L1030	103
4L590	59	4L1050	105
		4L1080	108

5L - 21/32"

BELT NO.	OUTSIDE LENGTH IN INCHES
5L400	40
5L410	41
5L420	42
5L430	43
5L440	44
5L450	45
5L460	46
5L470	47
5L480	48
5L490	49
5L500	50
5L510	51
5L520	52
5L530	53
5L540	54
5L550	55
5L560	56
5L570	57
5L580	58
5L590	59
5L600	60
5L610	61
5L620	62
5L630	63
5L640	64
5L650	65
5L660	66
5L670	67
5L680	68
5L690	69
5L700	70
5L710	71
5L720	72
5L730	73
5L740	74
5L750	75
5L760	76
5L770	77
5L780	78
5L790	79
5L800	80
5L810	81
5L820	82
5L830	83
5L840	84
5L850	85
5L860	86
5L870	87
5L880	88
5L890	89
5L900	90
5L910	91
5L920	92
5L930	93
5L940	94
5L950	95
5L960	96
5L970	97
5L1075	105

Sizes stocked in NZ are in **BOLD**.

JOHN BROOKS LTD.

YOUR POWER CONNECTION



ROULUNDS COGGED V BELTS (RAW EDGE)

Code VA050 eg.

Raw edge classical V belt with moulded cog, are temperature and oil resistant as well as anti-static. These belts are tolerance stable,TS, so that belts with the same section and length can be used as matched sets.

- Moulded cog allows the belt to run on smaller diameter pulleys than standard wrap belts.
- Raw Edge will transmit 20% more power than a standard wrap V belt.

SECTION	TOP WIDTH (MM)	HEIGHT (MM)	LENGTH RANGE (MM)	NZ STOCK IMPERIAL LENGTH	SECTION	TOP WIDTH (MM)	HEIGHT (MM)	LENGTH RANGE (MM)
ZX/MX	10	6	483-5000	14-70"	XPZ/3VX	9.7	8	530-3550
AX/13	13	8	483-5000	16-180"	XPA	12.7	9	538-4500
BX/17	17	11	584-5000	23-315"	XPB/5VX	16.3	13	1250-8500
CX/22	22	14	1067-5000	42-270"	XPC	22	18	1750-5000
DX/32	32	20	1778-16000	144-210"				

METRIC SIZE	RMA SIZE	METRIC SIZE	RMA SIZE	METRIC SIZE	METRIC SIZE	METRIC SIZE	METRIC SIZE	RMA SIZE	METRIC SIZE	RMA SIZE
XPZ562		XPZ1412		XPA732	XPA1550	XPA4000	XPB1250		XPB4300	
XPZ587		XPZ1420		XPA757	XPA1600	XPA4250	XPB1260	5VX500	XPB4310	5VX1700
XPZ612		XPZ1450		XPA782	XPA1700	XPA4500	XPB1320		XPB4500	
XPZ630	3VX250	XPZ1462		XPA800	XPA1750		XPB1340	5VX530	XPB4500	
XPZ670	3VX265	XPZ1500		XPA825	XPA1757		XPB1500		XPB4560	5VX1800
XPZ710	3VX280	XPZ1512		XPA832	XPA1782		XPB1525	5VX600	XPB4750	
XPZ750		XPZ1520	3VX600	XPA850	XPA1800		XPB1550		XPB4820	5VX1900
XPZ762		XPZ1537		XPA850	XPA1850		XPB1600	5VX630	XPB5000	
XPZ787		XPZ1562		XPA882	XPA1857		XPB1700	5VX670	XPB5070	5VX2000
XPZ800	3VX315	XPZ1600	3VX630	XPA900	XPA1900		XPB1750		SPB5300	
XPZ808		XPZ1637		XPA925	XPA2000		XPB1800	5VX710	XPB5380	5VX2120
XPZ812		XPZ1650		XPA932	XPA2057		XPB1850		SPB5600	
XPZ825		XPZ1662		XPA940	XPA2120		XPB1900	5VX750	SPB5680	5V2240
XPZ850	3VX335	XPZ1700	3VX670	XPA950	XPA2132		XPB2000		SPB6000	5V2360
XPZ875		XPZ1800	3VX710	XPZ975	XPA2160		XPB2020	5VX800	SPB6300	
XPZ900	3VX355	XPZ1850		XPA982	XPA2182		XPB2060		SPB6340	5V2500
XPZ912		XPZ1900	3VX750	XPA1000	XPA2240		XPB2120		SPB6700	
XPZ925		XPZ1950		XPA1032	XPA2282		XPB2150	5VX850	SPB6730	5V2650
XPZ950	3VX375	XPZ2000		XPA1060	XPA2300		XPB2180		SPB7100	5V2800
XPZ962		XPZ2037		XPA1090	XPA2307		XPB2240		SPB7620	
XPZ987		XPZ2120		XPA1107	XPA2332		XPB2285		SPB8000	5V3150
XPZ1000		XPZ2160	3VX850	XPA1120	XPA2360		XPB2300		SPB8500	
XPZ1012	3VX400	XPZ2240		XPA1132	XPA2382		XPB2360			
XPZ1037		XPZ2280	3VX900	XPA1150	XPA2432		XPB2410	5VX950		
XPZ1060		XPZ2287		XPA1157	XPA2482		XPB2500			
XPZ1077		XPZ2300		XPA1180	XPA2500		XPB2530	5VX1000		
XPZ1087		XPZ2360		XPA1207	XPA2482		XPB2650			
XPZ1137		XPZ2410	3VX950	XPA1232	XPA2500		XPB2680	5VX1060		
XPZ1140	3VX450	XPZ2430		XPA1250	XPA2532		XPB2800			
XPZ1150		XPZ2500		XPA1282	XPA2607		XPB2840	5VX1120		
XPZ1162		XPZ2540	3VX1000	XPA1307	XPA2632		XPB2900			
XPZ1180		XPZ2650		XPA1320	XPA2650		XPB3000	5VX1180		
XPZ1200	3VX475	XPZ2690	3VX1060	XPA1332	XPA2800		XPB3170	5VX1250		
XPZ1202		XPZ2800		XPA1357	XPA2900		XPB3350	5VX1320		
XPZ1250		XPZ2840	3VX1120	XPA1382	XPA2932		XPB3550	5VX1400		
XPZ1270	3VX500	XPZ3000	3VX1180	XPA1400	XPA3000		XPB3750			
XPZ1287		XPZ3170	3VX1250	XPA1432	XPA3150		XPB3800	5VX1500		
XPZ1320		XPZ3350	3VX1320	XPA1450	XPA3350		XPB3870			
XPZ1340	3VX530	XPZ3450		XPA1457	XPA3550		XPB4000			
XPZ1362		XPZ3550	3VX1400	XPA1500	XPA3650		XPB4060	5VX1600		
XPZ1400		3VX560		XPA1532	XPA3750		XPB4250			

JASON ACCU-LINK

Code VLB eg.

ADJUSTABLE LINK BELTING

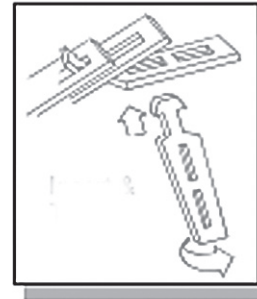
Sizes A, B, C section are available off the shelf

Ideal temporary replacement or permanent substitute for conventional V belts.

Installation is just, twist the T and snap, no tools required.

- Use same Kw ratings as standard wrap rubber V belts
- Remember to re-tension after 1-3 hours
- Temperature range -40°C to 400°C
- Superior resistance to most chemical, oil and water
- Runs cooler than conventional belts
- Accu-link can transmit 12% more Kw than other competitors link belts

Insert & twist



URETHANE CORD

CONVEYING OR TRANSPORTING PRODUCT ON CONVEYORS.

Code RL05 eg.

Supplied as 30mtr Roll length or cut to size.

John Brooks Ltd can join any belt for you, or Tool and Welder are available for sale.

FDA/USDA approved



TABLES SHOWING BELT GUIDE AND DIAMETERS AVAILABLE FOR EACH COLOUR.

RL is also available in clear, ask for RLC

BELTING GUIDE

COLOUR	DUROMETER	BENEFIT	APPLICATION
Brown RL	80	Good memory/flexible	Live rollers
Green RP	88	Reduced friction	Food, packing machines
Red RM	90	Less stretch	Can filling, newspapers
White RCW	100	Max load, long distance between gearmotors	Round Can transfer

BELT TYPE	RL	RPN	RM	RCW	VL	VM
COLOR	BROWN	GREEN	RED	WHITE	BROWN	RED
5/64	2mm	•	•			
1/8	3	•	•			
5/32	4	•	•			
3/16	5	•	•			
1/4	6.3	•	•			
9/32	7	•	•			
5/16	8	•	•			
3/8	9.5	•	•	•		
7/16	10	•	•		•	•
1/2	12.5	•	•	•	•	•
9/16	14					
5/8	15	•	•		•	•
3/4	19	•	•			

STENCO ALUMINIUM V PULLEYS

Code STEN205 eg.

A SECTION SINGLE AND DOUBLE PULLEYS

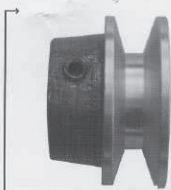
V BELT SECTION A									
SINGLE GROOVE 1A					DOUBLE GROOVE 2A				
PITCH CIRCLE DIAMETER (inches)	BORE	BORE	BORE	BORE	BORE	Bores supplied with keyways			
	1/2" (01)	5/8" (02)	3/4" (03)	1" (04)	1/2" (01)	BORE 5/8" (02)	BORE 3/4" (03)	BORE 1" (04)	
1-1/4	1A0111	1A0112	1A0113						
1-1/2	1A0121	1A0122	1A0123						
1-3/4	1A0141	1A0142	1A0143						
2	1A0201	1A0202	1A0203	1A0204	2A0201	2A0202	2A0203	2A0204	
2-1/4	1A0241	1A0242	1A0243	1A0244					
2-1/2	1A0221	1A0222	1A0223	1A0224	2A0221	2A0222	2A0223	2A0224	
2-3/4	1A0231	1A0232	1A0233	1A0234					
3	1A0301	1A0302	1A0303	1A0304	2A0301	2A0302	2A0303	2A0304	
3-1/4	1A0341	1A0342	1A0343	1A0344					
3-1/2	1A0321	1A0322	1A0323	1A0324	2A0321	2A0322	2A0323	2A0324	
4	1A0401	1A0402	1A0403	1A0404	2A0401	2A0402	2A0403	2A0404	
4-1/2	1A0421	1A0422	1A0423	1A0424	2A0421	2A0422	2A0423	2A0424	
5	1A0501	1A0502	1A0503	1A0504	2A0501	2A0502	2A0503	2A0504	
5-1/2	1A0521	1A0522	1A0523	1A0524	2A0521	2A0522	2A0523	2A0524	
6	1A0601	1A0602	1A0603	1A0604	2A0601	2A0602	2A0603	2A0604	
6-1/2	1A0621	1A0622	1A0623	1A0624					
7	1A0701	1A0702	1A0703	1A0704	2A0701	2A0702	2A0703	2A0704	
8	1A0801	1A0802	1A0803	1A0804	2A0801	2A0802	2A0803	2A0804	
9	1A0901	1A0902	1A0903	1A0904	2A0901	2A0902	2A0903	2A0904	
10	1A1001	1A1002	1A1003	1A1004	2A1001	2A1002	2A1003	2A1004	
12	1A1201	1A1202	1A1203	1A1204	2A1201	2A1202	2A1203	2A1204	
14	1A1401	1A1402	1A1403	1A1404	2A1401	2A1402	2A1403	2A1404	
15	1A1501	1A1502	1A1503	1A1504	2A1501	2A1502	2A1503	2A1504	
16	1A1601	1A1602	1A1603	1A1604	2A1601	2A1602	2A1603	2A1604	
18	1A1801	1A1802	1A1803	1A1804	2A1801	2A1802	2A1803	2A1804	
All bores supplied with set screws					All bores supplied with set screws				

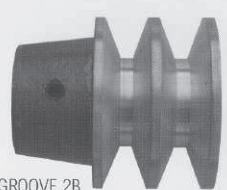
M SECTION SINGLE & STEP A SECTION PULLEYS

V BELT SECTION M & STEPPED PULLEYS

SINGLE GROOVE 1M					STEP PULLEYS A-SECTION				
PITCH CIRCLE DIAMETER (inches)	BORE	BORE	BORE	BORE	OUTSIDE DIAMETER (inches)	BORE	Bores supplied with keyways		
	1/2"	5/8"	3/4"	1"		1/2"	BORE	BORE	BORE
	(01)	(02)	(03)	(04)		(01)	5/8"	3/4"	1"
1/4	1M0111	1M0112	1M0113		TWO STEP PULLEY				
1-1/2	1M0121	1M0122	1M0123		3-1/4, 2-1/2	2S3421	2S3422	2S3423	2S3424
1-3/4	1M0141	1M0142	1M0143		FOUR STEP PULLEY				
2	1M0201	1M0202	1M0203	1M0204	3-1/4, 2-3/4,				
2-1/4	1M0241	1M0242	1M0243	1M0244	2-1/2, 1-3/4	4S3441	4S3442	4S3443	
2-1/2	1M0221	1M0222	1M0223	1M0224	4, 3-1/4,				
3	1M0301	1M0302	1M0303	1M0304	2-1/2, 1-3/4	4S4001	4S4002	4S4003	
3-1/4					4-1/2, 3,				
3-1/2	1M0321	1M0322	1M0323	1M0324	2-3/4, 2	4S4201	4S4202	4S4203	
4	1M0401	1M0402	1M0403	1M0404	5, 3-7/8, 2-				
4-1/2	1M0421	1M0422	1M0423	1M0424	13/16, 1-3/4	4S5001	4S5002	4S5003	
5	1M0501	1M0502	1M0503	1M0504	5 1/2, 4 1/2,				

B SECTION SINGLE & DOUBLE PULLEYS





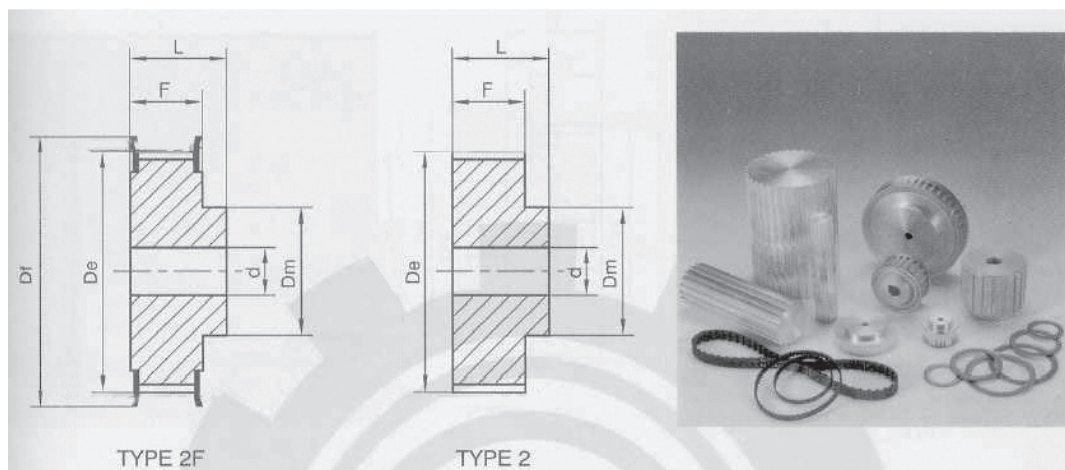
SINGLE GROOVE 1B

DOUBLE GROOVE 2B

PITCH CIRCLE DIAMETER (inches)	Bore supplied with keyways				Bore supplied with keyways			
	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
	1/2"	5/8"	3/4"	1"	1/2"	5/8"	3/4"	1"
	(01)	(02)	(03)	(04)	(01)	(02)	(03)	(04)
2	1B0201	1B0202	1B0203	1B0204	2B0201	2B0202	2B0203	2B0204
2-1/2	1B0221	1B0222	1B0223	1B0224	2B0221	2B0222	2B0223	2B0224
3	1B0301	1B0302	1B0303	1B0304	2B0301	2B0302	2B0303	2B0304
3-1/2	1B0321	1B0322	1B0323	1B0324	2B0321	2B0322	2B0323	2B0324
4	1B0401	1B0402	1B0403	1B0404	2B0401	2B0402	2B0403	2B0404
4-1/2	1B0421	1B0422	1B0423	1B0424	2B0421	2B0422	2B0423	2B0424
5	1B0501	1B0502	1B0503	1B0504	2B0501	2B0502	2B0503	2B0504

TIMING PULLEYS T5 ALUMINIUM

Code TP60-T5-10 eg.



T5 PITCH=5MM FOR BELT WIDTH=10MM

CODE	TYPE	Z=TEETH	DE	DF	DM	F	L	d
T5-10F-10	2F	10	15.05	19.5	8	15	21	6
T5-12F-10	2F	12	18.25	23	10	15	21	6
T5-14F-10	2F	14	21.45	25	13	15	21	6
T5-15F-10	2F	15	23.05	28	16	15	21	6
T5-16F-10	2F	16	24.60	32	18	15	21	6
T5-18F-10	2F	18	27.80	32	20	15	21	6
T5-19F-10	2F	19	29.40	37	22	15	21	6
T5-20F-10	2F	20	31.00	37	23	15	21	6
T5-22F-10	2F	22	34.25	38	24	15	21	6
T5-24F-10	2F	24	37.40	43	26	15	21	6
T5-25F-10	2F	25	38.95	44	26	15	21	6
T5-26F-10	2F	26	40.60	44	26	15	21	6
T5-27F-10	2F	27	42.20	48	30	15	21	8
T5-28F-10	2F	28	43.75	48	32	15	21	8
T5-30F-10	2F	30	46.95	51	34	15	21	8
T5-32F-10	2F	32	50.10	54	38	15	21	8
T5-36F-10	2F	36	56.45	61	38	15	21	8
T5-40F-10	2F	40	62.85	67	40	15	21	8
T5-42F-10	2F	42	66.00	70	40	15	21	8
T5-44-10	2	44	69.20	-	45	15	21	8
T5-48-10	2	48	75.55	-	50	15	21	8
T5-60-10	2	60	94.65	-	65	15	21	8



TIMING PULLEYS T5 & T10 ALUMINIUM

T5 PITCH=5MM FOR BELT WIDTH=16MM

CODE	TYPE	Z=TEETH	DE	DF	DM	F	L	d
T5-10F-16	2F	10	15.05	19.5	8	21	27	6
T5-12F-16	2F	12	18.25	23	10	21	27	6
T5-14F-16	2F	14	21.45	25	13	21	27	6
T5-15F-16	2F	15	23.05	28	16	21	27	6
T5-16F-16	2F	16	24.60	32	18	21	27	6
T5-18F-16	2F	18	27.80	32	20	21	27	6
T5-19F-16	2F	19	29.40	37	22	21	27	6
T5-20F-16	2F	20	31.00	37	23	21	27	6
T5-22F-16	2F	22	34.25	38	24	21	27	6
T5-24F-16	2F	24	37.40	43	26	21	27	6
T5-25F-16	2F	25	38.95	44	26	21	27	6
T5-26F-16	2F	26	40.60	44	26	21	27	6
T5-27F-16	2F	27	42.20	48	30	21	27	8
T5-28F-16	2F	28	43.75	48	32	21	27	8
T5-30F-16	2F	30	46.95	51	34	21	27	8
T5-32F-16	2F	32	50.10	54	38	21	27	8
T5-36F-16	2F	36	56.45	61	38	21	27	8
T5-40F-16	2F	40	62.85	67	40	21	27	8
T5-42F-16	2F	42	66.00	70	40	21	27	8
T5-44-16	2	44	69.20	-	45	21	27	8
T5-48-16	2	48	75.55	-	50	21	27	8
T5-60-16	2	60	94.65	-	65	21	27	8

T10 PITCH=10MM FOR BELTS WIDTH=25MM

CODE	TYPE	Z=TEETH	DE	DF	DM	F	L	d
T10-12F-25	2F	12	36.35	43	28	30	40	6
T10-14F-25	2F	14	42.70	48	32	30	40	8
T10-15F-25	2F	15	45.90	51	32	30	40	8
T10-16F-25	2F	16	49.10	54	35	30	40	8
T10-18F-25	2F	18	55.45	60	40	30	40	8
T10-19F-25	2F	19	58.65	67	44	30	40	8
T10-20F-25	2F	20	61.80	67	46	30	40	8
T10-22F-25	2F	22	68.20	75	52	30	40	8
T10-24F-25	2F	24	74.55	83	58	30	40	8
T10-25F-25	2F	25	77.75	83	60	30	40	8
T10-26F-25	2F	26	80.90	87	60	30	40	8
T10-27F-25	2F	27	84.10	91	60	30	40	8
T10-28F-25	2F	28	87.25	94	60	30	40	8
T10-30F-25	2F	30	93.65	97	60	30	40	8
T10-32F-25	2F	32	100.00	112	65	30	40	10
T10-36F-25	2F	36	112.75	120	88	30	40	10
T10-40F-25	2F	40	125.45	135	95	30	40	16
T10-44-25	2	44	138.20	-	110	30	40	16
T10-48-25	2	48	150.95	70	30	40	10	
T10-60-25	2	60	189.15	80	30	40	10	

TIMING PULLEYS T10 ALUMINIUM

T10 PITCH=10MM FOR BELT WIDTH=50MM

CODE	TYPE	Z=TEETH	DE	DF	DM	F	L	d
T10-18F-50	2F	18	55.45	60	40	56	66	10
T10-19F-50	2F	19	58.65	67	44	56	66	10
T10-20F-50	2F	20	61.80	67	46	56	66	12
T10-22F-50	2F	22	68.20	75	52	56	66	12
T10-24F-50	2F	24	74.55	83	58	56	66	12
T10-25F-50	2F	25	77.75	83	60	56	66	12
T10-26F-50	2F	26	80.90	87	60	56	66	12
T10-27F-50	2F	27	84.10	91	60	56	66	12
T10-28F-50	2F	28	87.25	94	60	56	66	12
T10-30F-50	2F	30	93.65	97	60	56	66	12
T10-32F-50	2F	32	100.00	112	80	56	66	16
T10-36F-50	2F	36	112.75	120	88	56	66	16
T10-40F-50	2F	40	125.45	135	95	56	66	16
T10-44-50	2	44	138.20	65	56	66	12	
T10-48-50	2	48	150.95	70	56	66	16	
T10-60-50	2	60	189.15	-	110	56	66	16

T5 5MM PITCH

165	390	720
185	400	750
185	400	815
200	410	900
220	410	1000
245	420	1100
255	420	1215
270	455	1340
270	455	
295	460	
305	460	
330	480	
330	510	
340	525	
340	560	
355	610	
365	630	
365	650	
375	690	

T10 10MM PITCH

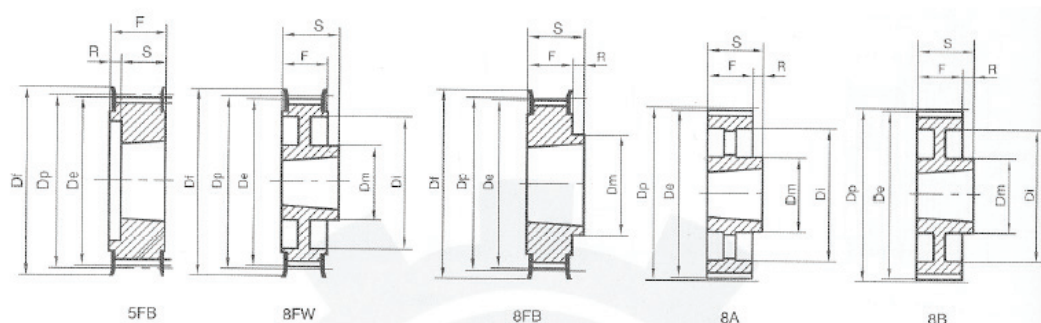
260	980
370	1010
400	1080
450	1100
500	1150
530	1210
560	1240
610	1320
660	1420
700	1500
720	1610
810	1750
880	2250
920	

TIMING BELT SIZES

Length: Millimetres
Material: Polyurethane belting
T and AT series are not stocked but are available at short lead time.

HTD 8M PULLEYS

Code HTD08808M eg.



8M-20MM WIDE

CODE	TYPE	BUSH	Z=TEETH	DP	DE	DF	DM	DI	F	S	R
22-8M-20F	5FB	1008	22	56.02	54.65	60	-	37	28	22	6
24-8M-20F	5FB	1108	24	61.11	59.75	67	-	44	28	22	6
26-8M-20F	5FB	1108	26	66.21	64.84	67	-	45	28	22	6
28-8M-20F	5FB	1108	28	71.30	70.08	75	-	50	28	22	6
30-8M-20F	5FB	1108	30	76.39	75.13	83	-	58	28	22	6
32-8M-20F	5FB	1610	32	81.49	80.16	87	-	63	28	22	3
34-8M-20F	5FB	1610	34	86.58	85.21	91	-	64	28	22	3
36-8M-20F	5FB	1610	36	91.67	90.30	97	-	68	28	22	3
38-8M-20F	5FB	1610	38	96.77	95.39	102	-	72	28	22	3
40-8M-20F	5FB	1610	40	101.86	100.49	112	-	76	28	22	3
44-8M-20F	8FB	2012	44	112.05	110.67	120	92	-	28	22	4
48-8M-20F	8FB	2012	48	122.23	120.86	128	96	-	28	22	4
56-8M-20F	8FB	2012	56	142.60	141.60	150	110	-	28	22	4
64-8M-20F	8FW	2012	64	162.97	161.60	168	110	137	28	22	4
72-8M-20F	8FW	2012	72	183.35	181.97	192	110	158	28	22	4
80-8M-20F	8B	2012	80	203.72	202.35	-	110	180	28	22	4
90-8M-20F	8A	2012	90	229.18	227.81	-	110	204	28	22	4

8M-50MM WIDE

CODE	TYPE	BUSH	Z=TEETH	DP	DE	DF	DM	DI	F	S	R
22-8M-50F	5FB	PB	22	56.02	54.65	60	-	37	60	22	12
24-8M-50F	5FB	PB	24	61.11	59.75	67	-	44	60	22	12
26-8M-50F	5FB	PB	26	66.21	64.84	67	-	45	60	22	12
28-8M-50F	5FB	1210	28	71.30	70.08	75	-	50	60	25	35
30-8M-50F	5FB	1615	30	76.39	75.13	83	-	58	60	38	22
32-8M-50F	5FB	1615	32	81.49	80.16	87	-	63	60	38	22
34-8M-50F	5FB	1615	34	86.58	85.21	91	-	65	60	38	22
36-8M-50F	5FB	1615	36	91.67	90.30	97	-	68	60	38	22
38-8M-50F	5FB	1615	38	96.77	95.39	102	-	72	60	38	22
40-8M-50F	5FB	2012	40	101.86	100.49	112	-	80	60	32	14
44-8M-50F	8FB	2012	44	112.05	110.67	120	-96	86	60	32	14
48-8M-50F	8FB	2012	48	122.23	120.86	128	-	95	60	32	14
56-8M-50F	8FB	2517	56	142.60	141.60	150	-	116	60	45	7.5
64-8M-50F	8FW	2517	64	162.97	161.60	168	-	136	60	45	7.5
72-8M-50F	8FW	2517	72	183.35	181.97	192	125	158	60	45	7.5
80-8M-50F	8B	3020	80	203.72	202.35	-	-	180	60	51	4.5
90-8M-50F	8A	3020	90	229.18	227.81	-	160	204	60	51	4.5

HTD 5M, 8M, 14M TIMING BELTS

Code HTD08808M eg.

HTD-5M	TEETH
305-5M	61
330-5M	66
350-5M	70
360-5M	72
370-5M	74
375-5M	75
400-5M	80
425-5M	85
450-5M	90
500-5M	100
535-5M	107
565-5M	113
580-5M	116
600-5M	120
615-5M	123
635-5M	127
665-5M	133
710-5M	142
740-5M	148
800-5M	160
835-5M	167
860-5M	172
890-5M	178
925-5M	185
950-5M	

HTD-8M	TEETH
480-8M	60
560-8M	70
600-8M	80
640-8M	90
720-8M	100
800-8M	110
880-8M	120
960-8M	130
1040-8M	140
1120-8M	150
1200-8M	160
1280-8M	180
1440-8M	200
1600-8M	220
1760-8M	225
1800-8M	250
2000-8M	300
2400-8M	350
2800-8M	

HTD-14M	TEETH
966-14M	69
1190-14M	85
1400-14M	100
1610-14M	115
1778-14M	127
1890-14M	135
2100-14M	150
2310-14M	165
2450-14M	175
2590-14M	185
2800-14M	200
3150-14M	225
3500-14M	250
3850-14M	275
4326-14M	309
4578-14M	327

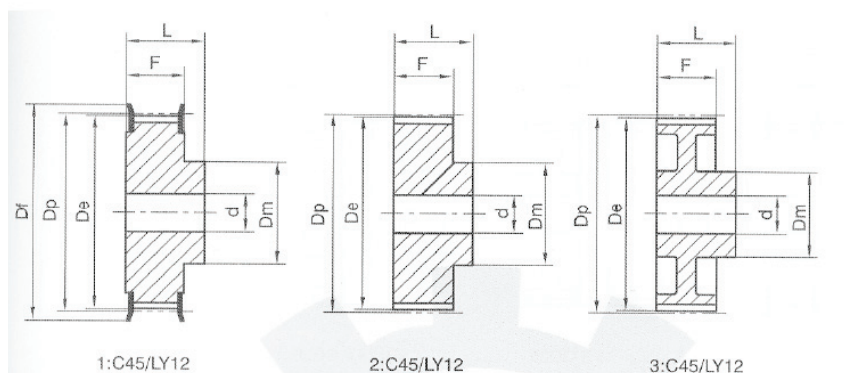
Length: Millimetres

HTD-5M not stocked

Sizes not shown are available with short lead times

XL, L AND H IMPERIAL TIMING PULLEYS

Code TP15XL037 eg.



* Non stock pulleys

XL SERIES PITCH= 0.20"(5.08MM) PULLEYS

CODE TYPE	Z=TEETH	DE	DP	DF	DM	F	L	D	d
10XL037F	1	10	15.66	16.17	23	10.0	14.3	20	-
11XL037F	1	11	17.28	17.79	23	10.0	14.3	20	-
12XL037F	1	12	18.90	19.41	25	10.0	14.3	20	-
13XL037F	1	13	20.51	21.02	28	10.0	14.3	20	-
14XL037F	1	14	22.13	22.64	28	16.0	14.3	20	-
15XL037F	1	15	23.75	24.26	28	16.0	14.3	20	-
16XL037F	1	16	25.36	25.87	32	16.0	14.3	20	-
17XL037F	1	17	26.98	27.49	35	16.0	14.3	20	-
18XL037F	1	18	28.60	29.11	35	20.0	14.3	20	-
20XL037F	1	20	31.83	32.34	38	25.0	14.3	22	-
22XL037F	1	22	35.07	35.57	41	25.0	14.3	22	-
23XL037F	1	23*	36.68	37.19	41	25.0	14.3	22	-
24XL037F	1	24	38.30	38.81	44	30.0	14.3	22	-
25XL027F	1	25*	39.92	40.43	44	30.0	14.3	22	8
26XL037F	1	26	41.53	42.04	48	30.0	14.3	22	8
27XL037F	1	27*	43.15	43.66	48	34.0	14.3	22	8
28XL037F	1	28	44.77	45.28	51	34.0	14.3	22	8
30XL037F	1	30	48.00	48.51	54	38.0	14.3	22	8
32XL037F	1	32	51.24	51.74	61	38.0	14.3	25	8
34XL037F	1	34*	54.47	54.98	-	38.0	14.3	25	8
36XL037F	2	36	57.70	58.21	-	45.0	14.3	25	8
40XL037F	2	40	64.17	64.88	-	45.0	14.3	25	8
44XL037	2	44*	70.64	71.15	-	45.0	14.3	25	8
45XL047	2	45*	72.26	72.77	-	45.0	14.3	25	10
48XL037	2	48	77.11	77.62	-	45.0	14.3	25	10
60XL037	2 2	60	96.51	97.02	-	45.0	14.3	25	10
72XL037	2	72	115.92	116.43	-	45.0	14.3	25	10

XL, L AND H IMPERIAL TIMING PULLEYS

L050 SERIES PITCH= 0.37"(9.525MM) PULLEYS, 1/2" WIDE

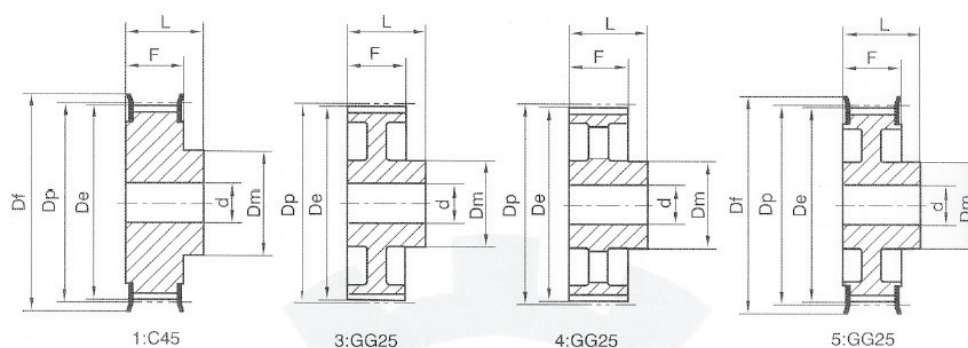
CODE	TYPE	Z=TEETH	DE	DP	DF	DM	F	L	d
10L050F	1	10	29.56	30.33	37	20	19	38	8
12L050F	1	12	32.59	33.35	43	24	19	38	8
13L050F	1	13	35.62	36.37	43	28	19	38	8
14L050F	1	14	38.65	39.41	48	28	19	38	8
15L050F	1	15	41.68	42.44	51	34	19	38	8
16L050F	1	16	44.68	45.48	54	36	19	38	8
17L050F	1	17	47.75	48.51	57	36	19	38	10
18L050F	1	18	50.78	51.54	60	40	19	38	10
19L050F	1	19	53.81	57.61	63	40	19	38	10
20L050F	1	20	59.88	60.63	67	40	19	38	10
21L050F	1	21	62.91	63.68	70	45	19	38	10
22L050F	1	22	65.94	66.70	75	45	19	38	10
24L050F	1	24	72.00	71.77	79	55	19	38	10
26L050F	1	26	78.07	78.84	87	58	19	38	12
28L050F	1	28	84.13	84.89	91	58	19	38	12
30L050F	1	30	90.20	90.86	97	70	19	38	12
32L050F	1	32	96.26	97.03	102	70	19	38	12
36L050F	1	36	108.39	109.14	120	70	19	38	12
40L040F	1	40	120.51	121.29	128	70	19	38	12
44L050F	1	44	132.64	133.40	142	70	19	38	12
48L050F	1	48	144.77	145.54	150	70	19	38	12
60L050	3	60	181.15	181.92	-	75	19	45	14
72L050	3	72	217.53	218.29	-	75	19	45	14

Code TP20L050-6F

For wider width pulleys add multiplier to F and L dimensions

L075 0.75" wide F+6.4mm, L+5

L100 1.0" wide F+12.8mm, L+13



XL, L AND H IMPERIAL TIMING PULLEYS AND TIMING BELTS

For H200 2" wide pulleys add 26.9mm to F and 25mm to L dimensions.

H100 SERIES PITCH= 0.50"(12.7MM) PULLEYS 1" WIDE

CODE	TYPE	Z=TEETH	DE	DP	DF	DM	F	L	d
14H100F	1	14	55.22	56.69	63	40	31.8	45	12
16H100F	1	16	63.31	64.67	70	45	31.8	45	12
17H100F	1	17	67.35	68.72	75	45	31.8	45	12
18H100F	1	18	71.39	72.77	79	55	31.8	45	12
19H100F	1	19	75.44	76.81	83	60	31.8	45	14
20H100F	1	20	79.48	80.85	87	62	31.8	45	14
21H100F	1	21	83.52	84.89	91	65	31.8	45	14
22H100F	1	22	87.56	88.93	94	68	31.8	45	14
24H100F	1	24	95.65	97.03	102	72	31.8	45	14
26H100F	1	26	103.73	105.11	112	80	31.8	45	14
30H100F	1	30	119.90	121.29	128	80	31.8	45	14
32H100F	1	32	127.99	129.36	135	80	31.8	45	14
36H100F	1	36	144.16	145.54	158	80	31.8	45	14
40H100F	1	40	160.33	161.70	168	80	31.8	45	14
44H100F	5	44	176.50	177.88	184	80	31.8	50	18
48H100F	5	48	192.67	194.03	200	90	31.8	50	18
60H100F	4	60	241.18	242.55	-	100	31.8	50	18
72H100F	4	72	289.69	291.06	-	120	31.8	50	18

Code TB300XL eg.

XL, L, H AND XH RUBBER TIMING BELTS

SIZE XL	TEETH No.	SIZE L	TEETH No.	SIZE H	TEETH No.	SIZE XH	TEETH No.
60XL	30	124L	33	240H	48	507XH	58
70XL	35	150L	40	270H	54	560XH	64
80XL	40	187L	50	300H	60	630XH	72
90XL	45	210L	56	330H	66	700XH	80
100XL	50	225L	60	360H	72		
110XL	55	240L	64	390H	78		
120XL	60	255L	68	420H	84		
130XL	65	270L	72	480H	96		
140XL	70	285L	76	510H	102		
150XL	75	300L	80	540H	108		
160XL	80	322L	86	570H	114		
170XL	85	345L	92	600H	120		
180XL	90	367L	98	630H	126		
190XL	95	390L	104	700H	140		
200XL	100	420L	112	750H	150		
210XL	105	450L	120	800H	160		
220XL	110	480L	128	850H	170		
230XL	115	510L	136	900H	180		
240XL	120	540L	144	1000H	200		
250XL	125	600L	160	1100H	220		
260XL	130	D150L	40	1250H	250		
270XL	135	D450L	120	1400H	280		
280XL	140	D510L	450	1700H	340		
290XL	145	D600L	160				
300XL	150						
330XL	165						
352XL	176						
384XL	192						
390XL	195						

Material is Rubber,
Polyester cord.
D = double sided
Sizes not shown are
available at short lead
times.

LOCK ASSEMBLIES

Code LOK10024034 eg.

USED TO LOCK PULLEYS, SPROCKETS AND DRUMS TO A SHAFT WITH NO KEY REQUIRED.

Mounting and dismantling operations are carried out quickly and accurately, under all conditions. They can be used on shafts with keyways with no reduction in efficiency.

For design recommendations please contact John Brooks Ltd.

There are two types of lock:

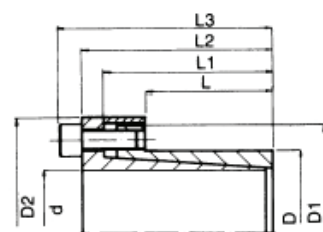
SELF CENTERING – the bush supports the pulley or sprocket on the shaft, so it locks and supports. LOK 10, LOK 20

NON SELF CENTERING – pulley or bush bored to shaft diameter and recessed for lock hub, so it only locks. LOK 30, LOK 60

LOK 10 SERIES MEDIUM TO HIGH TORQUE

Good Self centering

d x D mm	DIMENSIONS						RATINGS		PRESSURES		SCREWS DIN 912-12.9		
	D ₁	D ₂	L	L ₁	L ₂	L ₃	M daN m	F _a daN	P _s daN/mm ²	Ph	No.	Type	M _s daN m
20 x 28	44	49	18	31	38	44	21	2 800	20	14	4	6 x 18	1.7
22 x 32	49	54	25	38	45	51	24	2 800	18.5	13	4	6 x 18	1.7
24 x 34	51	56	25	38	45	51	26	2 800	17	12	4	6 x 18	1.7
25 x 34	51	56	25	38	45	51	28	2 800	16	12	4	6 x 18	1.7
28 x 39	56	61	25	38	45	51	45	3 800	18	13	6	6 x 18	1.7
30 x 41	57	62	25	38	45	51	49	3 800	17	12.5	6	6 x 18	1.7
32 x 43	59	65	30	43	50	56	67	4 700	21	15.5	8	6 x 18	1.7
35 x 47	64	69	30	43	50	56	74	4 700	19	14	8	6 x 18	1.7
38 x 50	67	72	30	43	50	56	24	4 700	18.5	13	8	6 x 18	1.7
40 x 53	70	75	30	43	50	56	88	4 700	17	13	8	6 x 18	1.7
42 x 55	73	78	40	57	65	73	100	4 700	19	15	8	8 x 22	4.1
45 x 59	79	85	40	57	65	73	154	7 100	18	14	8	8 x 22	4.1
48 x 62	82	87	45	62	70	78	168	7 100	17	13	8	8 x 22	4.1
50 x 65	85	92	45	62	70	78	215	8 800	17	13	10	8 x 22	4.1
55 x 71	92	98	50	67	75	83	230	8 800	15	11.5	10	8 x 22	4.1
60 x 77	98	104	50	67	75	83	240	8 800	14	11	10	8 x 22	4.1
65 x 84	105	111	50	67	75	83	310	8 800	14.5	10.5	10	8 x 22	4.1
70 x 90	114	119	60	80	91	101	500	14 000	16	12.5	10	10 x 25	8.3
75 x 95	120	126	60	80	91	101	530	14 000	15	12	10	10 x 25	8.3
80 x 100	125	131	70	90	101	111	765	19 500	16	13	12	10 x 25	8.3
85 x 106	131	137	70	90	101	111	800	19 500	15	12	12	10 x 25	8.3
90 x 112	137	143	70	90	101	111	1 000	22 200	16.5	13	14	10 x 25	8.3
95 x 120	146	153	70	90	101	111	1 030	22 200	15.5	12	14	10 x 25	8.3
100 x 125	155	162	80	104	117	129	1 360	28 400	16	13	12	12 x 30	14.5
110 x 140	172	180	90	114	127	139	1 640	28 400	13.5	10.5	12	12 x 30	14.5
120 x 155	185	193	90	114	127	139	2 400	33 000	15	12	16	12 x 30	14.5
130 x 165	195	202	90	114	127	139	2 650	33 000	14.5	11	16	12 x 30	14.5
140 x 180	216	224	110	140	155	169	3 820	47 000	15	12	16	14 x 35	23
150 x 190	226	234	110	140	155	169	4 100	47 000	12	10	16	14 x 35	23
160 x 200	236	244	110	140	155	169	4 900	57 000	14	12	18	14 x 35	23
170 x 210	246	254	110	140	155	169	5 280	57 000	13	10.5	18	14 x 35	23
180 x 220	256	264	110	140	155	169	6 150	65 000	13.5	11	20	14 x 35	23
190 x 230	266	274	110	140	155	169	6 680	65 000	12	10.5	20	14 x 35	23
200 x 240	276	284	110	140	155	169	7 000	65 000	12	10	20	14 x 35	23

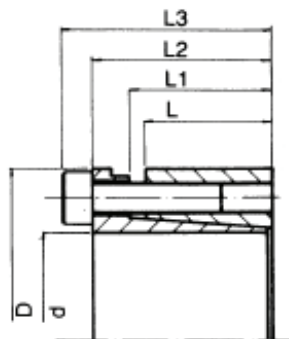


LOCK ASSEMBLIES

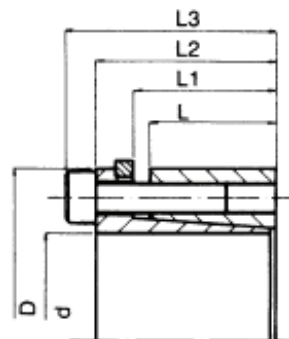
LOK 20 SERIES HIGH TORQUE

Ok Self centering

d x D mm	DIMENSIONS				RATINGS		PRESSURES		SCREWS DIN 912 - 12.9		
	L ₃	L ₂	L ₁	L	M daN m	F _a daN	P _s daN/mm ²	P _h daN/mm ²	No.	Type	M _s daN m
20 x 47	48	42	31	26	40	4 000	28.1	11.9	4	M 6 x 25	1.7
22 x 47	48	42	31	26	45	4 100	25.4	11.8	4	M 6 x 25	1.7
24 x 50	48	42	31	26	54	4 500	25.4	12.1	6	M 6 x 25	1.7
25 x 50	48	42	31	26	58	4 700	24.5	13.5	6	M 6 x 25	1.7
28 x 55	48	42	31	26	71	5 100	25.4	12.9	6	M 6 x 25	1.7
30 x 55	48	42	31	26	75	5 400	24.1	13.1	6	M 6 x 25	1.7
32 x 60	48	42	31	26	92	5 800	26.9	14.3	8	M 6 x 25	1.7
35 x 60	48	42	31	26	104	5 900	24	14	8	M 6 x 25	1.7
38 x 65	48	42	31	26	126	6 600	24.7	14.4	8	M 6 x 25	1.7
40 x 65	48	42	31	26	134	6 850	23.9	14.7	8	M 6 x 25	1.7
42 x 75	58	50	36	30	215	10 000	27.2	15.8	6	M 8 x 30	4.1
45 x 75	58	50	36	30	230	10 220	26.8	16	6	M 8 x 30	4.1
48 x 80	58	50	36	30	245	10 350	26.7	16	8	M 8 x 30	4.1
50 x 80	58	50	36	30	253	10 520	25.6	16	8	M 8 x 30	4.1
55 x 85	58	50	36	30	260	10 650	26.5	17.1	8	M 8 x 30	4.1
60 x 90	58	50	36	30	324	10 800	23.5	15.6	8	M 8 x 30	4.1
65 x 95	58	50	36	30	418	12 860	24.3	16.6	8	M 8 x 30	4.1
70 x 110	70	60	46	40	680	19 700	26.3	16.7	8	M10 x 30	8.3
75 x 115	70	60	46	40	760	20 260	24.8	16.1	8	M10 x 30	8.3
80 x 120	70	60	46	40	830	20 750	23.8	15.8	8	M10 x 30	8.3
85 x 125	70	60	46	40	980	23 000	24.8	16.8	10	M10 x 30	8.3
90 x 130	70	60	46	40	1 040	23 220	24	16.6	10	M10 x 30	8.3
95 x 135	70	60	46	40	1 220	25 700	24.8	17.4	10	M10 x 30	8.3
100 x 145	80	68	52	45	1 680	31 800	25.3	17.4	8	M12 x 35	14.5
110 x 145	80	68	52	45	1 590	31 800	25.3	17.4	8	M12 x 35	14.5
120 x 165	80	68	52	45	2 250	37 600	25.6	18.6	10	M12 x 35	14.5
130 x 180	80	68	52	45	2 360	36 400	23.2	16.7	12	M12 x 35	14.5
140 x 190	90	76	58	50	3 080	44 000	23.2	17	8	M14 x 40	23
150 x 200	90	76	58	50	3 660	48 800	24	18	10	M14 x 40	23
160 x 210	90	76	58	50	4 100	52 000	24	18.2	10	M14 x 40	23
170 x 225	90	76	58	50	4 210	49 500	21.5	16.2	12	M14 x 40	23
180 x 235	90	76	58	50	4 420	48 500	21	15.8	12	M14 x 40	23
190 x 250	90	76	58	50	5 330	56 100	21.8	16.5	15	M14 x 40	23
200 x 260	90	76	58	50	5 585	55 850	20.6	15.8	17	M14 x 40	23



LOK 20 A



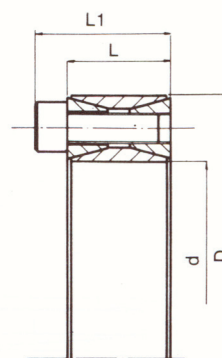
LOK 20 B

LOCK ASSEMBLIES

LOK 30 SERIES MEDIUM TORQUE

Non self centering

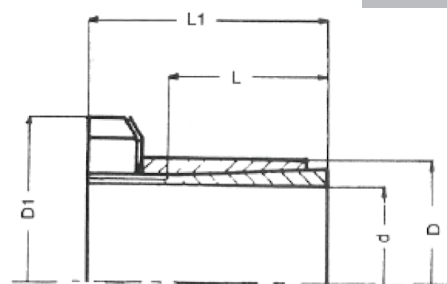
d x D mm	DIMENSIONS		RATINGS		PRESSURES		SCREWS DIN 912-12.9			
	L mm	L ₁ mm	M daN m	F _a daN	P _s daN/mm ²	P _h daN/mm ²	No.	Type	M _s daN m	D _r mm
20 x 47	20	26	27	2 700	21	9	8	6 x 18	1.5	M 8
22 x 47	20	26	30	2 700	19.7	9	8	6 x 18	1.5	M 8
24 x 50	20	26	37	3 050	19.7	9.5	8	6 x 18	1.5	M 8
25 x 50	20	26	37	2 950	19	9.5	8	6 x 18	1.5	M 8
28 x 55	20	26	47	3 350	18.5	9.5	12	6 x 18	1.5	M 8
30 x 55	20	26	50	3 330	17.8	10	12	6 x 18	1.5	M 8
32 x 60	20	26	50	3 330	17.8	10	12	6 x 18	1.5	M 8
35 x 60	20	26	70	4 000	18	11	12	6 x 18	1.5	M 8
38 x 65	20	26	70	4 000	18	11	15	6 x 18	1.5	M 8
40 x 65	20	26	92	4 600	18	11	15	6 x 18	1.5	M 8
42 x 75	24	32	150	7 200	18	11	12	8 x 22	3.6	M 10
45 x 75	24	32	165	7 300	21	13	12	8 x 22	3.6	M 10
48 x 80	24	32	180	7 200	19	12	12	8 x 22	3.6	M 10
50 x 80	24	32	180	7 200	19	12	12	8 x 22	3.6	M 10
55 x 85	24	32	230	8 350	20.5	14	15	8 x 22	3.6	M 10
60 x 90	24	32	250	8 300	18.5	12.5	15	8 x 22	3.6	M 10
65 x 95	24	32	310	9 500	19.5	13	15	8 x 22	3.6	M 10
70 x 110	28	38	465	13 300	21.5	13	15	10 x 25	7.1	M 12
75 x 115	28	38	490	13 000	19.5	13	15	10 x 25	7.1	M 12
80 x 120	28	38	515	12 900	18.5	12.5	15	10 x 25	7.1	M 12
85 x 125	28	38	634	14 900	19.5	13.5	15	10 x 25	7.1	M 12
90 x 130	28	38	665	14 750	18.5	12.5	15	10 x 25	7.1	M 12
95 x 135	28	38	800	16 800	19.5	14	18	10 x 25	7.1	M 12
100 x 145	30	42	970	19 400	20	13.5	15	12 x 30	12.6	M 12
110 x 155	30	42	1 050	19 000	18	12.5	15	12 x 30	12.6	M 16
120 x 165	30	42	1 300	21 600	18	13.5	16	12 x 30	12.6	M 16
130 x 180	38	50	1 780	27 400	16.5	11.5	20	12 x 35	12.6	M 16
140 x 190	38	50	2 100	3 000	16.5	13	22	12 x 35	12.6	M 16
150 x 200	38	50	2 400	3 200	17	12.5	24	12 x 35	12.6	M 16
160 x 210	38	50	2 800	3 500	17	12.5	26	12 x 35	12.6	M 16
170 x 225	44	58	3 300	38 800	16.5	12.5	22	14 x 40	19.1	M 16
180 x 235	44	58	3 800	42 000	16.5	13	24	14 x 40	19.1	M 18
190 x 250	52	66	4 700	49 400	16	11.5	28	14 x 45	19.1	M 18
200 x 260	52	66	5 300	53 000	15	11.5	30	14 x 45	19.1	M 18
220 x 285	56	72	6 850	62 300	16	11.5	26	16 x 50	29.6	M 20
240 x 305	56	72	8 600	71 600	16	12.5	30	16 x 50	29.6	M 20
260 x 325	56	72	10 500	80 700	17	14	34	16 x 50	29.6	M 20
280 x 355	66	84	12 900	92 000	15	12	32	18 x 60	40.6	M 22
300 x 375	66	84	15 400	102 500	14.5	11.5	36	18 x 60	40.6	M 22
320 x 405	78	98	21 200	132 500	13.5	11.5	36	20 x 70	58.1	M 24
340 x 425	78	98	22 000	129 500	14.5	12	36	20 x 70	58.1	M 24
360 x 455	90	112	29 700	165 000	14.5	12	36	22 x 80	78.1	M 27
380 x 475	90	112	31 000	163 000	14	11.5	36	22 x 80	78.1	M 27
400 x 495	90	112	32 500	162 500	13	11	36	22 x 80	78.1	M 30



LOK 60 SERIES LOW TORQUE

Non self centering

d x D mm	DIMENSIONS			RATINGS		PRESSURES		RING THREAD	M _s daN m
	D ₁	L mm	L ₁	M daN m	F _a daN	P _s daN/mm ²	P _h daN/mm ²		
14 x 25	32	20	30	6	0 850	15	8.5	20 x 1	9.5
15 x 25	32	20	30	7	0 930	14	8.5	20 x 1	9.5
16 x 25	32	20	30	8	1 000	13.5	8.5	20 x 1	9.5
17 x 25	38	20	32	12	1 400	15	9	22 x 1.5	16
18 x 30	38	20	32	13	1 400	15	9.5	25 x 1.5	16
19 x 30	38	20	32	13	1 400	15	9.5	25 x 1.5	16
20 x 30	38	20	32	14	1 400	13	8.5	25 x 1.5	16
22 x 35	45	25	36	17	1 550	12	7.5	30 x 1.5	22
24 x 35	45	25	36	20	1 660	11	7.5	30 x 1.5	22
25 x 35	45	25	36	21	1 680	11	8	30 x 1.5	22
28 x 40	52	30	42	31	2 200	10	7	35 x 1.5	34
30 x 40	52	30	42	33	2 200	9.5	7.5	35 x 1.5	34
32 x 45	58	30	44	42	2 600	10.5	7.5	40 x 1.5	48
35 x 45	58	30	44	47	2 680	10	7	40 x 1.5	48
38 x 50	65	30	45	60	3 150	10.5	7.5	45 x 1.5	68
40 x 50	64	30	45	62	3 100	10	7.5	45 x 1.5	68
45 x 55	70	30	46	81	3 600	10	7.5	50 x 1.5	87
50 x 60	75	30	46	105	4 200	11	8.5	55 x 2	97
55 x 65	80	30	46	119	4 300	10.5	8.5	60 x 2	110
60 x 70	85	30	52	161	5 300	9.5	8	65 x 2	130



JOHN BROOKS LTD.

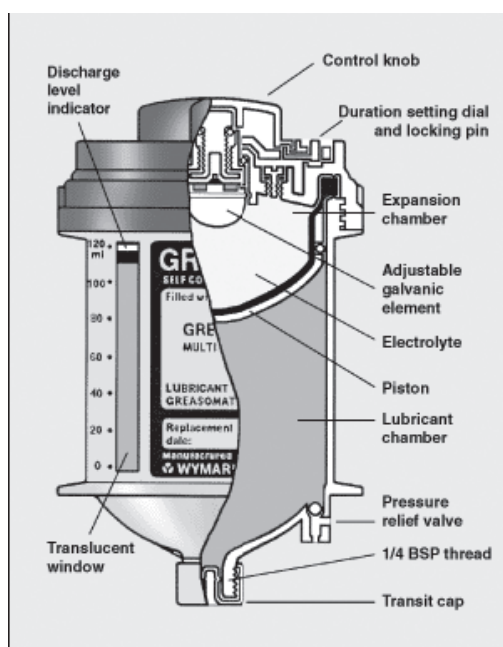
YOUR POWER CONNECTION

WYMARK GREASOMATIC LUBRICATORS

Code GREASEL eg.

AUTOMATIC GREASE AND OIL LUBRICATORS

A GREASOMATIC is a self-ejecting canister of lubricant designed to screw into a grease nipple socket or other lubrication point, and discharge its content of 120ml of lubricant in a controlled continuous flow, for a pre-selected period of between one month and twelve months. It is completely self contained and needs no pumps, motors, electricity or compressed air when correctly installed. Once fitted and activated it will work without attention until its allotted lifespan is over.



GREASE TYPES AVAILABLE:

- Grease MP – General Purpose
- Grease EPM – Extreme pressure
- Grease G – open gear
- Grease H – High Temperature
- Grease FG – Food grade
- Grease W – Water proof
- Grease LL – Long life
- OIL GP – General Purpose
- OIL SC - Chain Lube

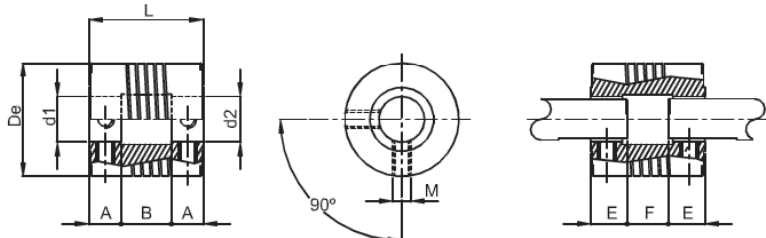
Mounting brackets, brushes and adaptor sockets are also available from stock.

SHAFT COUPLINGS

Code CG25A6 eg.

Eltra zero back-lash Aluminium couplings

G25 ex stock in various bore sizes.

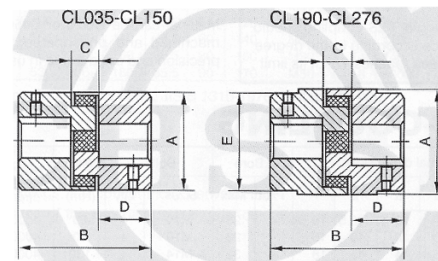


Construction data and characteristics

Standard joints	De	L	d1 = d2	A	B	M	E	F	Twisting moment	Type of material
G 16 A 4	ø16	20 ^{+0.1} _{-0.1}	ø4H7 ^{+0.012} ₀	6	8	M3	7	6	0,25 Nm	Aluminium
G 20 A 6	ø20	20 ^{+0.1} _{-0.1}	ø6H7 ^{+0.012} ₀	6	8	M3	7	6	0,25 Nm	
G 25 A 8	ø25	25 ^{+0.1} _{-0.1}	ø8H7 ^{+0.015} ₀	7	11	M4	8	9	0,4 Nm	
G 25 A 9	ø25	25 ^{+0.1} _{-0.1}	ø9.52H7 ^{+0.015} ₀	7	11	M4	8	9	0,4 Nm	
G 25 A 10	ø25	25 ^{+0.1} _{-0.1}	ø10H7 ^{+0.015} ₀	7	11	M4	8	9	0,4 Nm	
G 30 A 10	ø25	30 ^{+0.1} _{-0.1}	ø10H7 ^{+0.015} ₀	8	14	M4	9	12	0,4 Nm	

NOTE FOR THE INSTALLER: In order to insure the correct function, we suggest that the shafts be inserted into the joint respecting the distance "E" as shown in the above diagram.

CAPT L SERIES COUPLINGS



Code CL050HUB

SIZE	DIMENSIONS					TORQUE NM	MAX RPM	MAX BORE
	A	B	C	D	E			
CL035	16	20.2	7.8	6.5	-	0.5	30,000	9
CL050	28	43	12	15.5	-	3	17,000	16
CL070	35	50.7	12.7	19	-	5	13,000	19
CL075	45	55	12.7	20.5	-	10	10,000	24
CL090	54	55	12.7	21	-	16	9,000	25
CL095	54	64	12.7	25.5	-	22	9,000	29
CL099	65	73	19	27	-	45	7,000	35
CL100	65	89	9	35	-	50	7,000	35
CL110	84	108	22	43	-	90	5,000	42
CL150	96	115.4	25.4	45	80	150	5,000	48
CL190	115	133.4	25.4	54	102	200	5,000	54
CL225	127	153.4	26.4	64	108	300	4,200	67
CL276	157	200	41	79	127	542	4,200	73

JOHN BROOKS LTD.

YOUR POWER CONNECTION

GH FLEXIBLE SHAFT COUPLINGS



GH FLEXIBLE SHAFT COUPLINGS FOR ELECTRIC MOTORS

Solid casted Hubs (GG20) are supplied so as to enable the flexible elastomer spider ring to accomplish the best performances and the utmost reliability.

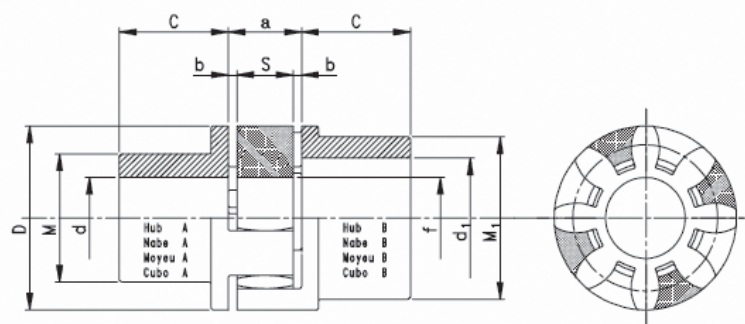


TABLE 1 / TABELLE 1 / TABLE 1 / TABLA 1

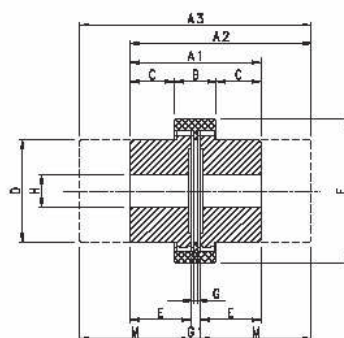
Type Typ Type Tipo	$\frac{P}{n}$ P = kW rpm Upm tpm rpm	Torque Drehmoment Couple Par max Nm	rpm Upm tpm rpm max	D mm	C mm	a mm	b mm	S mm	f mm	M mm	M ₁ mm	Max. bore* Max Bohrung* Alesage max.* Taladro max.* mm		Weight Gewicht Poids Peso kg	
												d	d ₁	A	B
24/24	0,0024	23	14.000	40	25	16	2,0	12	18	40	40	-	24	-	0,25
24/32	0,0083	80	10.600	55	30	18	2,0	14	27	40	55	24	32	0,36	0,54
28/38	0,0240	230	8.500	65	35	20	2,5	15	30	48	65	28	38	0,80	0,90
38/45	0,0470	449	7.100	80	45	24	3,0	18	38	66	80	38	45	1,30	1,73
42/55	0,0640	611	6.000	95	50	26	3,0	20	48	75	95	42	55	1,89	2,70
48/60	0,0740	707	5.600	105	56	28	3,5	21	51	85	105	48	60	2,70	3,70
55/70	0,0880	840	4.750	120	65	30	4,0	22	60	98	120	55	70	4,00	5,30
65/75	0,1080	1031	4.250	135	75	35	4,5	26	68	115	135	65	75	6,40	8,00
75/90	0,2570	2454	3.550	160	85	40	5,0	30	80	135	160	75	90	9,80	12,75

* With keyway to UNI 6604/69 DIN 6885 - Mit Nut nach UNI 6604/69 DIN 6885
Avec clavetage selon UNI 6604/69 DIN 6885 - Con chavetero según UNI 6604/69 DIN 6885.

Code CGH24/24HB

POGGI BARREL GEAR COUPLING – GDR SERIES

Code CGDR02/24S eg.



PERFORMANCE TABLE

Type Typ Type Tipo	Torque Drehmoment Couple Par Nm		$\frac{P}{n}$ P = kW rpm Upm tpm rpm		Permissible kW power rating (rpm) Leistung in kW bei Upm Puissance en kW par tpm Potencia transmissible en kW rpm										rpm Upm tpm rpm max	* PD ² kg cm ²	Max misalignment Max Abweichung Désalignement axial Desviación max		Axial misalignment Axial- verschiebung Déplacement axial Desplaza- miento axial
	norm.	max	norm.	max	500		750		1000		1500		3000				α°	Radial mm	
					norm.	max	norm.	max	norm.	max	norm.	max	norm.	max					
GDR 0,8/14	10	20	0,0010	0,0021	0,50	0,62	0,75	1,57	1,00	1,24	1,50	3,15	3,00	6,30	7000	0,28	± 2°	± 0,4	± 1
GDR 1,2/19	16	32	0,0017	0,0033	0,85	1,65	1,27	2,47	1,70	3,30	2,56	4,95	5,10	9,90	7000	0,88	± 2°	± 0,4	± 1
GDR 2/24	20	40	0,0020	0,0041	1,00	2,05	1,50	3,08	2,00	4,10	3,00	6,15	6,00	12,3	6000	1,43	± 2°	± 0,5	± 1
GDR 3,6/28	45	90	0,0047	0,0094	2,35	4,70	3,52	7,05	4,70	9,40	7,05	14,1	14,1	28,2	6000	5,52	± 2°	± 0,5	± 1
GDR 6,5/38	80	160	0,0083	0,0167	4,15	8,35	6,22	12,5	8,30	16,7	12,4	24,0	24,9	50,8	5500	21,38	± 2°	± 0,5	± 1
GDR 10/48	138	276	0,0144	0,0289	7,20	14,4	10,8	21,6	14,4	28,9	21,6	43,3	43,2	86,7	5000	63,99	± 2°	± 0,5	± 1
GDR 19/55	280	560	0,0290	0,0586	14,5	29,3	21,7	43,9	26,0	58,6	43,5	87,9	87,0	176	4000	117,00	± 2°	± 0,6	± 1
GDR 35/65	395	770	0,0403	0,0806	20,1	40,3	30,2	60,4	40,3	80,6	60,4	121	121	242	3500	305,00	± 2°	± 0,6	± 1

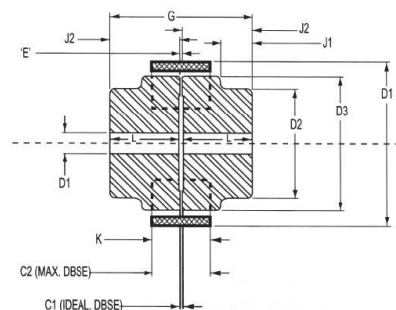
The moment of inertia figures refer to standard couplings,
bored to the maximum value shown on the Dimensions
Table below

DIMENSIONS TABLE (MM)

Type Typ Type Tipo	A ₁	A ₂	A ₃	B	C	D	E	F	G	G ₁	M ^{**}	Standard coupling stock bores, bored to H7 and keywayed Bohrungen H7 mit Nut ab Lager lieferbar Alésages H7 et rainure de clavette de stock Taladros H7 y clavetero en stock	Weight Gewicht Foids Peso kg *
GDR 0,8/14	50	57	64	25	12,5	25	23	41	2	4	30	11-14	0,200
GDR 1,2/19	54	69	84	28	13,0	32	25	50	2	4	40	11-14-19	0,380
GDR 2/24	65	85	105	30	17,5	38	30	60	3	5	50	14-19-24	0,580
GDR 3,6/28	85	105	125	35	25,0	43	40	70	3	5	60	19-22-24-28	1,030
GDR 6,5/38	105	135	165	40	32,5	56	50	92	3	5	80	24-28-32-38	2,090
GDR 10/48	106	166	226	45	30,5	64	50	92	4	6	110	32-38-42-48	2,650
GDR 19/55	138	193	228	55	41,5	80	65	112	5	8	110	38-42-48-55	5,600
GDR 35/65	169	229	289	80	54,5	95	80	134	6	9	140	48-55-60-65	9,700



- Detect and Lock-On Ring Feature
- Internal Support of the Insert for higher kilowatts
- Higher kilowatt transmission in a small package
- Large bore Capacity
- Very Economical
- Available in Stainless Steel



size	M00	M0	M1	M1H	M2	M3	M4	M5	M6	M7
External D1	55	72	98	110	122	152	193	246	300	337
Total Length G	52	72	91	100	116	129	170	233	284	311
Maximum Bore	25	35	44	49	57	63	86	114	140	152
Pilot Bore d1	6	8	13	15	15	19	24	25	38	44
C1	3	4	4	4	4	4	8	8	8	8
C2	15	25	36	43	38	51	71	81	97	127
L	25	35	43	48	56	62	81	113	138	151
D2	41	56	73	79	89	102	140	165	203	229
D3	43	61	80	88	99	124	163	207	252	302
J1	15	20	22	26	32	29	34	58	76	64
J2	25	35	44	49	57	64	83	114	140	152
K	18	29	40	40	40	55	79	89	99	132
E (gap)	1.6	1.9	1.9	1.9	1.9	1.9	0.51	0.51	0.51	0.51
Weight (kg)	.34	.9	1.8	2.3	4.5	8.6	16	33	56	86

size	Torque Rating Nm	load	RPM							Max bore	Max rpm
			100	300	600	900	1200	1500	3000		
M00	20	Cont.	.2	.6	1.3	1.9	2.6	3.2	6.4	25	13500
	34	Peak	.4	1.1	2.1	3.2	4.3	5.4	10.7		
MO	68	Cont.	.7	2.1	4.3	6.4	8.5	10.6	21.3	35	8100
	113	Peak	1.2	3.6	7.1	10.7	14.2	17.8	35.5		
M1	142	Cont.	1.5	4.5	9	13.4	17.9	22.3	44.845	44	7280
	238	Peak	2.5	7.5	14.9	22.4	29.8	37	74.6		
M1H	271	Cont.	2.8	8.5	17	25.6	34.1	42.5	85	49	6500
	452	Peak	4.7	14.2	28.4	42.6	56.8	71	142		
M2	340	Cont.	3.6	10.7	21.3	32.1	42.5	53	106.7	57	5800
	565	Peak	5.9	17.8	35.5	53	70.9	88	177.5		
M3	650	Cont.	6.8	20.1	41	61.2	82.1	102	204.4	63	4700
	1084	Peak	11.4	34.3	67.9	102.2	136.5	170	340.9		
M4	1423	Cont.	14.9	44.8	89.5	134.3	179	223	447.6	86	3600
	2375	Peak	24.6	74.6	149.2	223.8	298.4	373	746		
M5	3255	Cont.	34.3	102.2	204.4	306.6	408.8	511	1023	114	2800
	5425	Peak	56.7	170.1	340.9	511	681.8	850	1705		
M6	5455	Cont.	56.7	170.1	340.9	511	681.8	850	1705	140	2300
	9040	Peak	94.7	284.2	568.5	851.9	1136	1420	2841		
M7	12543	Cont.	131.3	393.9	788.5	1182	1576	1970	3942	152	2000
	20905	Peak	219.3	657.2	1313	1971	2627	3280	6569		

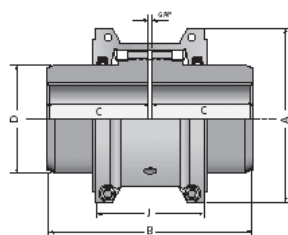
BIBBY GRID COUPLING

Code CWB2060HUB eg.

BIBBY TRANSMISSIONS TAPER GRID RESILIENT COUPLINGS

Series 2000H – Horizontally Split Cover Couplings

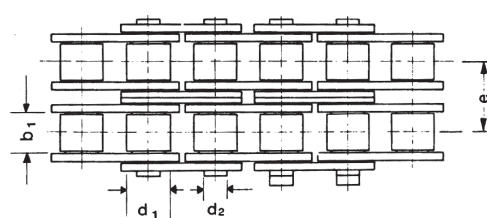
Size	Coupling Rating Nm	Max Speed	Min Bore mm	Max Bore mm	Cplg Wt. kg	MR ² /kgm ²	Dimensions in mm					
							A	B	C	D	J	Gap
2020	48	4500	13	21	1.8	0.0014	102	98	47.5	35.7	67	3.2
2030	136	4500	13	31	2.4	0.0022	111	98	47.5	45.2	68	3.2
2040	226	4500	13	44	3.2	0.0033	118	105	50.8	51.2	70	3.2
2050	395	4500	13	51	5.2	0.007	138	124	60.3	66.7	79	3.2
2060	621	4350	19	57	7.1	0.012	151	130	63.5	76.2	92	3.2
2070	904	4125	19	66	10.1	0.018	162	156	76.2	87.3	95	3.2
2080	1864	3600	25	81	17.7	0.045	194	181	88.9	104.8	116	3.2
2090	3390	3600	25	91	24.5	0.0787	213	200	98.4	123.8	122	3.2
2100	5706	2440	42	108	41.3	0.18	251	246	120.6	142.1	156	4.8
2110	8474	2250	42	117	53.6	0.27	270	259	127	163.4	163	4.8
2120	12428	2025	60	137	78.7	0.51	308	305	149.2	173.4	192	6.4
2130	18078	1800	66	165	118	0.99	347	330	161.9	217.5	195	6.4
2140	25987	1650	66	184	176	1.85	384	375	184.1	234	201	6.4
2150	37000	1500	108	215	228	3.49	453	372	183	270	272	6.4
2160	51000	1350	120	240	310	5.82	502	402	198	305	278	6.4
2170	67800	1225	135	280	448	10.42	567	438	216	336	307	6.4
2180	94000	1100	150	300	619	18.3	630	484	239	394	321	6.4
2190	124000	1050	150	335	776	26.14	676	524	260	437	325	6.4
2200	169000	900	178	360	1057	43.49	757	565	280	498	356	6.4



TRANSMISSION ROLLER CHAIN

D.I.D

B.S -BRITISH STANDARD SERIES
Code CBS06B1 eg.



ISO CHAIN NUMBER	PITCH X B1	D1 ROLLER DIAMETER	D2 PIN DIAMETER	BREAKING LOAD IN KGF.	E TRAVERSE PITCH	T PLATE THICKNESS
05B-1	8 X 3MM	5.0	2.31	46	-	0.75
05B-2				76	5.64	
06B-1				91	-	
06B-2	3/8x7/32	6.35	3.28	173	10.24	1.3
06B-3				254	10.24	
410				82	-	
415	1/2x1/8	7.75	3.6	100	-	1.25
415S	1/2x3/16	7.75	3.6	100	-	1.5
420	1/2x3/16	7.77	3.97	380	-	1.5
420	1/2x1/4	7.77	3.58	68	-	1.5
08B-1	1/2x5/16	8.51	4.45	182	-	1.5
08B-2				318	13.92	
08B-3				454	13.92	
10B-1*	5/8x3/8	10.16	5.08	227	-	1.5
10B-2				454	16.59	
12B-1				295	-	
12B-2	3/4x7/16	12.07	5.72	590	19.46	1.8
12B-3				885	19.46	
16B-1				1240	-	
16B-2	1"x17.02	15.88	8.28	1850	31.88	4.0
16B-3				1000	31.88	
20B-1				1700	-	
20B-2	1.25x3/4	19.05	10.19	3240	36.45	4.5
24B-1				1700	-	
24B-2				3240	48.36	
28B-1	1.75x1.25	27.94	15.9	2000	-	7.5
28B-2				3600	59.56	
32B-1				2600	-	

* Also available in Hollow pin – Stainless steel and Nickel plate

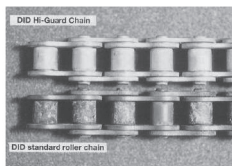
ASA – AMERICAN STANDARD SERIES Code CASA401

ISO CHAIN NUMBER	PITCH X B1	D1 ROLLER DIAMETER	D2 PIN DIAMETER	BREAKING LOAD IN KGF.	E TRAVERSE PITCH	T PLATE THICKNESS
25-1	1/4x1/8	3.3	2.31	75	-	.72
219htm	7/77x5.0	4.59	4.59	181	-	1.4
35-1	3/8x3/16	5.08	3.58	95	-	1.25
35-2				160	10.13	
35-3				240	10.13	
41-1	1/2x1/4	7.77	3.58	68	-	1.5
40-1*	1/2x5/16	7.92	3.58	141	-	2.0
40-2				282	14.38	
40-3				423	14.38	
520	5/8x1/4	10.16	5.08	700	-	2.0
50-1*	5/8x3/8	10.16	5.08	700	-	2.4
50-2				1190	18.11	
60-1				950	-	
60-2	3/4x1/2	11.91	5.94	1610	22.78	3.2
60H-1				1100	-	
80-1				1500	-	
80-2	1"x5/8	15.88	7.92	2500	29.29	3.2
100-1				2300	-	
100-2				3910	35.76	
120-1	1.5x1"	22.23	11.1	3100	-	4.8
120-2				5270	45.44	
140-1				4100	-	
160-1	2"x1.25	28.58	14.27	5400	-	6.4

OTHER CHAINS AND GRADES AVAILABLE EX STOCK NZ

X-RING

B.S and ASA 3/8 to 1 1/4" pitch, duty environment, high speed
Code CBSBL081 eg.



DOUBLE GUARD

E series for corrosive applications
B.S and ASA 1/4 to 1 1/4" pitch
Code CBS08B1E eg.

EXTENDED PITCH

chain, for conveyor product transfer
C2040, C2050, C2060, C2080, C2100

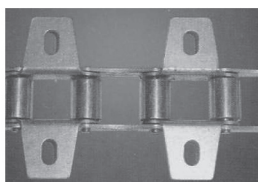
- Hollow pin
- 2050 & 2060 with 8.1mm hole in side plate-fruit handling
- straight side plate and wasted ex stock
Code CC2050H eg.



S SERIES

Agricultural chain, bailers, conveyor belt drive
S32, S45, S52, S62, S88

- Nickel plated
- A1, K1 & A2, K2 attachment connecting link
- Chains with attachments already fitted.
Code CCS52NP eg.



CHAIN BREAKERS

Size 35/60 - breaks from 3/8 to 3/4
60/100 - breaks from 3/4 to 1 1/4
Code CDID50 eg.



B.S SPROCKETS

Code S08B211 eg.
Mild steel construction – pilot bored

D= outside diameter
d= Boss diameter
L= overall width

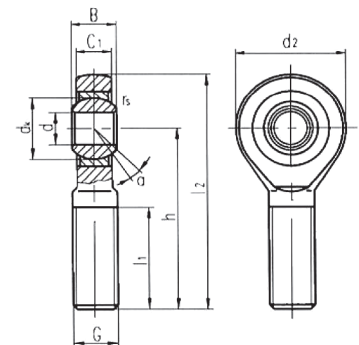
TEETH		11	13	15	17	19	20	21	23	25	27	30	38	45	57	76
3/8"	D mm	37	43	49.3	55.3	61.3	64.3	68	73.5	80	86	94.7	119.5	140	177	234.4
06B-1	d mm	22	28	34	40	45	46	48	52	57	60	60	70	80	80	80
	L mm	22	25	25	28	28	28	28	28	28	28	28	30	32	32	32
1/2"	D mm	48.7	57.4	65.5	73.6	81.7	85.8	89.7	98.7	106	114	126.1	158.6	186.7	235.3	311.9
08B-1	d mm	29	37	45	52	60	64	68	70	70	70	80	90	90	90	90
	L mm	25	28	28	28	28	28	28	28	28	30	30	40	40	40	40
5/8"	D mm	63	73	83	93	103	108	113	123	134	144	159	199	234.5	295	391.2
10B-1	d mm	37	47	57	60	70	75	75	80	80	85	90	100	100	100	100
	L mm	30	30	30	30	30	30	40	40	40	35	35	35	40	40	50
3/4"	D mm	75	87.5	99.8	111	124	130	136	149	160	172	190.5	239	282	354	470
12B-1	d mm	46	58	70	80	80	80	90	90	90	95	95	100	110	110	110
	L mm	35	35	35	35	35	35	40	40	40	40	40	40	56	56	56

NEWNURO ROD ENDS, METRIC SERIES

Available in Mild steel zinc plated and Stainless steel material
Stocked up to 30mm bore
Code eg. RSA12C

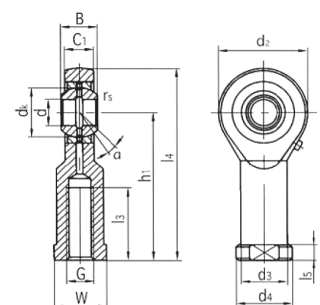
MALE STEEL/PTFE LOW MAINTENANCE LINED

Rod End no.	Dimensions										Load Ratings kN		kg
	d	B	D1	C1	d2	G	h	I1	I2	6°	Dyn	Static	
SA5C	5	6	10	4.5	21	M5	36	16	46	13	3.6	3.9	0.011
SA6C	6	6	10	1.5	21	M6	36	16	46	13	3.6	5.5	0.013
SA8C	8	8	13	6.5	24	M8	42	26	54	15	5.8	10	0.026
SA10C	10	9	16	7.5	29	M10	48	26	62	12	8.6	16	0.044
SA12C	12	10	18	8.5	34	M12	54	28	71	10	11	23	0.066
SA15C*	15	12	22	10.5	40	M14	63	34	83	8	18	32	0.12
SA17C	17	14	25	11.5	46	M16	69	36	92	10	22	44	0.17
SA20C	20	16	29	13.5	53	M20	78	43	104	9	33	60	0.28
SA25C	25	20	36	18	64	M24	94	53	126	7	51	83	0.51
SA30C	30	22	41	20	73	M30	110	65	146	6	65	110	0.84



METRIC FEMALE STEEL/PTFE LOW MAINTENANCE LINED

Rod End no.	Dimensions														Load Ratings kN		kg
	d	B	D1	C1	d2	G	h1	I3	I4	I5	W	d3	d4	6°	Dyn	Static	
SI5C	5	6	10	4.5	21	M5	30	11	40	5	10	10	13	13	3.6	8.1	0.016
SI6C	6	6	10	4.5	21	M6	30	11	40	5	11	11	13	13	3.6	8.1	0.017
SI8C	8	8	13	6.5	24	M8	36	15	48	5	13	13	16	15	5.8	12.9	0.035
SI10C	10	9	16	7.5	29	M10	43	15	58	6.5	16	16	19	12	8.6	17.6	0.061
SI12C	12	10	18	8.5	34	M12	50	18	67	7	18	19	22	10	11	24.5	0.096
SI15C *	15	12	22	10.5	40	M14	61	21	81	8	21	21	26	8	18	36	0.16
SI17C	17	14	25	11.5	46	M16	67	24	90	10	27	25	29	10	22	45	0.23
SI20C	20	16	29	13.5	53	M20	77	30	104	10	30	28	34	9	31	60	0.32
SI25C	25	20	36	18	64	M24	94	36	126	12	36	35	42	7	51	83	0.62
SI30C	30	22	41	20	73	M30	110	45	147	15	46	42	50	6	65	110	0.97

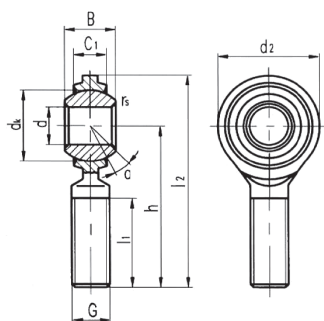


Stainless steel metric series stocked 6, 8, 10, 12mm male & female

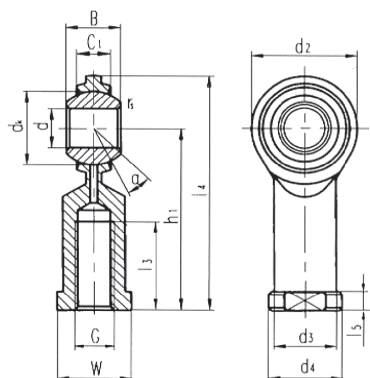
NEWNURO ROD ENDS IMPERIAL SERIES

Available in Mild steel zinc plated and Stainless steel material

MALE STEEL/STEEL



Rod End no.	Dimensions											Load Ratings kN		kg
	d	B	dk	C1	d2	G	h	l1	l2	rs	6°	Dyn	Static	
SAZJ4	3/16	7.92	11.1	5.94	15.8	10-32	31.7	19.0	39.7	0.3	10	3.6	3.8	0.014
SAZJ6	1/4	9.53	12.7	6.35	19.0	1/4-28	39.67	25.4	49.2	0.3	13.5	5.4	6.6	0.018
SAJZ7	5/16	11.1	15.9	7.92	22.2	5/16-24	47.6	31.7	58.7	0.3	11	8.5	12	0.032
SAJZ9	3/8	12.7	18.3	9.12	25.4	3/8-24	49.2	31.7	61.9	0.6	11	11	16	0.050
SAJZ11	7/16	14.3	20.6	10.3	28.6	7/16-20	53.9	34.9	68.3	0.6	10.5	14	21	0.068
SAJZ12	1/2	15.9	23.8	11.5	33.3	1/2-20	61.9	38.1	78.6	0.6	10	18	28	0.11
SAJZ15	5/8	19.0	28.6	12.3	38.1	5/8-18	66.7	41.3	85.7	0.6	13	23	29	0.16
SAJZ19	3/4	22.2	33.3	15.1	44.5	3/4-16	73.1	44.5	95.3	0.6	12	34	44	0.26



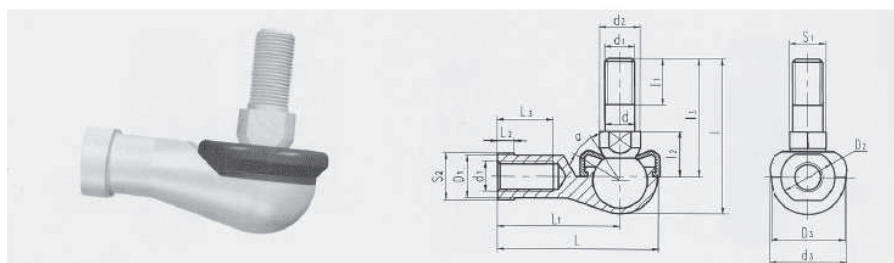
FEMALE STEEL/STEEL

Rod End no.	Dimensions															Load Ratings kN		kg
	d	B	dk	C1	d2	G	h1	l3	l4	l5	W	d3	d4	rs	6°	Dyn	Static	
SIJZ4	3/16	7.92	11.1	5.94	15.9	10-32	26.9	12.7	34.9	4.75	7.92	7.54	10.3	0.3	10	3.6	6.8	0.018
SIJZ6	1/4	9.53	12.7	6.35	19.0	1/4-28	33.3	15.9	42.9	4.75	9.53	9.15	11.9	0.3	13.5	5.4	9.6	0.023
SIJZ7	5/16	11.1	15.9	7.92	22.2	5/16-24	34.9	15.9	46.0	4.75	11.1	10.7	12.7	0.3	11	8.5	12	0.036
SIJZ9	3/8	12.7	18.3	9.12	25.4	3/8-24	41.28	19.0	54	6.35	14.27	13.9	17.5	0.6	11	11	16	0.059
SIJZ11	7/16	14.3	20.6	10.3	28.6	7/16-20	46.0	22.2	60.3	6.35	15.9	15.5	19.0	0.6	10.5	14	21	0.082
SIJZ12	1/2	15.9	23.8	11.5	33.3	1/2-20	54	25.4	70.6	6.35	19.0	18.7	22.2	0.6	10	18	28	0.132
SIJZ15	5/8	19.0	28.6	12.3	38.1	5/8-18	63.5	31.8	82.6	7.92	22.2	21.8	25.4	0.6	13	23	29	0.195
SIJZ19	3/4	22.2	33.3	15.0	44.4	3/4-16	73	34.9	95.2	7.92	25.4	25	28.6	0.6	12	34	44	0.295

NEWNURO SQ & SQZ SERIES METRIC

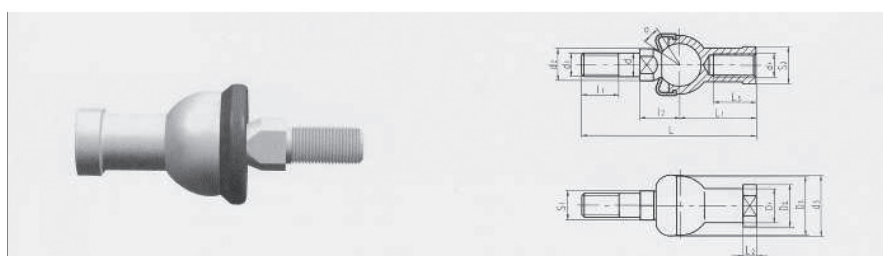
6, 8, 10, 12mm stocked
Left and right hand Female

STEEL/ZINC BASE ALLOY



滑动摩擦副: 钢 / 锌基合金
Sliding contact surfaces: Steel / Zinc base alloy

轴 承 号 Bearing number	外形尺寸 Dimensions																		额定静载荷 Static Load ratings		重量 Weight = kg
	d	d ₁	d ₂ min	d ₃ max	l max	l ₁ min	l ₂	l ₃ max	S ₁	L max	L ₁	L ₂ max	L ₃ min	D ₁ max	D ₂ max	D ₃ max	S ₂	a° =	kN		
SQ5-RS	5	M5	9	19	29	8	10	21	7	35	27	4	14	9	11	16	9	25	2.2	0.026	
SQ6-RS	6	M6	10	20	35.5	11	11	26	8	40	30	5	14	10	13	19	11	25	3.5	0.039	
SQ8-RS	8	M8	12	24	42.5	12	14	31	10	48	36	5	17	12.5	16	23	14	25	6.6	0.068	
SQ10-RS	10	M10x1.25	14	30	50.5	15	17	37	11	57	43	6.5	21	15	19	27	17	25	10	0.112	
SQ12-RS	12	M12x1.25	17	32	57.5	17	19	42	15	66	50	6.5	25	17.5	22	31	19	25	16	0.164	
SQ14-RS	14	M14x1.5	19	38	73.5	22	21.5	56	17	75	57	8	26	20	25	35	22	25	19	0.254	
SQ16-RS	16	M16x1.5	22	44	79.5	23	23.5	60	19	84	64	8	32	22	27	39	22	20	26	0.336	
SQ18-RS	18	M18x1.5	23	45	90	25	26.5	68	20	93	71	10	34	25	31	44	27	20	33	0.464	
SQ20-RS	20	M20x1.5	27	50	90	25	27	68	24	99	77	10	35	27.5	34	44	30	20	45	0.538	
SQ22-RS	22	M22x1.5	27	52	95	26	28	70	24	109	84	12	41	30	37	50	32	16	48	0.713	

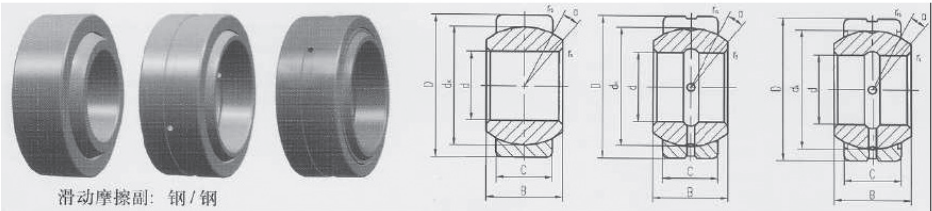


滑动摩擦副: 钢 / 锌基合金
Sliding contact surfaces: Steel / Zinc base alloy

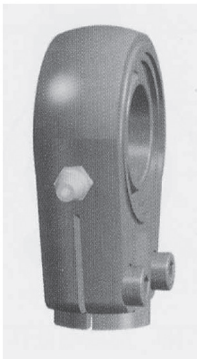
轴 承 号 Bearing number	外形尺寸 Dimensions																额定静载荷 Static Load ratings	重量 Weight = kg
	mm																kN	
	d	d ₁	d ₂ min	d ₃ max	l ₁ min	l ₂	S ₁	L max	L ₁	L ₂ max	L ₃ min	D ₁ max	D ₂ max	D ₃ max	S ₂	a°		
SQZ5-RS	5	M5	9	19	8	11	7	46	24	4	12	9	11	17	9	15	2.8	0.025
SQZ6-RS	6	M6	10	20	11	12.2	8	55.2	28	5	15	10	13	20	11	15	3.7	0.041
SQZ8-RS	8	M8	12	24	12	16	10	65	32	5	16	12.5	16	24	14	15	5.8	0.075
SQZ10-RS	10	M10x1.25	14	30	15	19.5	11	74.5	35	6.5	18	15	19	28	17	15	8.4	0.12
SQZ12-RS	12	M12x1.25	17	32	17	21	15	84	40	6.5	20	17.5	22	32	19	15	11	0.18
SQZ14-RS	14	M14x1.5	19	38	22	23.5	17	103	45	8	25	20	25	36	22	11	15	0.27
SQZ16-RS	16	M16x1.5	22	44	23	25.5	19	112	50	8	27	22	27	40	22	11	15	0.36
SQZ18-RS	18	M18x1.5	23	45	25	31	20	130.5	58	10	32	25	31	45	27	11	19	0.54
SQZ20-RS	20	M20x1.5	27	50	25	29	24	133	63	10	38	27.5	34	45	30	7.5	19	0.57
SQZ22-RS	22	M22x1.5	27	52	26	33	24	145	70	12	43	30	37	50	32	7.5	23	0.76

NEWNURO SPHERICAL BALL BUSHINGS

8 – 30mm bore sizes stocked



Bearing No	Dimensions in MM								Load Ratings kN		kg
	d	D	B	C	Dk	ls	lis	6°	Dyn	Static	
GE8E	8	16	8	5	13	0.3	0.3	15	5.5	27	0.008
GE10E	10	19	9	6	16	0.3	0.3	12	8.1	40	0.011
GE12E	12	22	10	7	18	0.3	0.3	10	10	53	0.015
GE15ES-2RS	15	26	12	9	22	0.3	0.3	8	16	84	0.027
GE17ES-2RS	17	30	14	10	25	0.3	0.3	10	21	106	0.041
GE20ES-2RS	20	35	16	12	29	0.3	0.3	9	30	146	0.066
GE25ES-2RS	25	42	20	16	35.5	0.6	0.6	7	48	240	0.119
GE30ES-2RS	30	47	22	18	40.7	0.6	0.6	6	62	310	0.153



Also available indent

DODGE® GRIP TIGHT BEARINGS

GRIP TIGHT ADAPTER

Expansion Ball Bearing Pillow Block

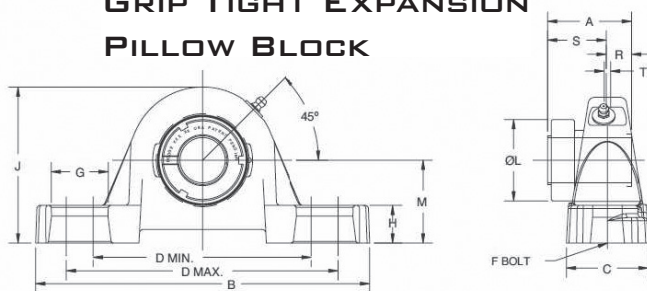
The revolutionary DODGE GRIP TIGHT adapter ball bearing* is recognized as the problem solving housed ball bearing in the industry. DODGE is pleased to now offer GRIP TIGHT expansion pillow blocks for applications that exhibit axial expansion.



GRIP TIGHT expansion features:

- Expansion bearing (GTH) provides for axial shaft growth or expansion due to elevated temperatures or other conditions causing shaft movement.
- Thin wall adapter mounted ball bearing with 360° press fit for the full bearing length reduces typical vibration caused by traditional setscrew designs
- Approved to operate at higher speeds versus setscrew, eccentric, and concentric clamp collar designs
- Ideal for use with commercial grade shafting
- Press fit adapter does not cause costly fretting corrosion damage to the shaft, reducing maintenance costs
- Locknut acts as bearing puller during disassembly by loosening bearing from adapter
- Use GTH Expansion bearing with GTM Medium Duty fixed location bearing
- Interchangeable mounting dimensions with existing setscrew, eccentric collar and concentric clamp collar products

GRIP TIGHT EXPANSION PILLOW BLOCK



Series	Shaft Size	Complete Unit		Unit w/o Adapter Sleeve & Lock Nut		Unit w/o Adapter Sleeve & Lock Nut	
		Part Number	Description	Part Number	Description	Part Number	Description
206	1 3/16	130691	P2B-GTH-103-E	130697	P2B-GTH-06-E	129099	AN-GT-06-103
	1 1/4	@	P2B-GTH-104S-E			199910	AN-GT-06-104S
	30mm	@	P2B-GTH-30M-E			129945	AN-GT-06-30M
207	1 7/16	130692	P2B-GTH-107-E	130698	P2B-GTH-07-E	129913	AN-GT-07-107
	35mm	@	P2B-GTH-35M-E			129946	AN-GT-07-35M
209	1 11/16	130693	P2B-GTH-111-E	130699	P2B-GTH-09-E	129916	AN-GT-09-111
	1 3/4	@	P2B-GTH-112-E			129917	AN-GT-09-112
	45mm	@	P2B-GTH-45M-E			129948	AN-GT-09-45M
210	1 15/16	130694	P2B-GTH-115-E	130700	P2B-GTH-10-E	129918	AN-GT-10-115
	250mm	@	P2B-GTH-200-E			129919	AN-GT-10-200
		@	P2B-GTH-50M-E			129949	AN-GT-10-50M
211	2 3/16	130695	P2B-GTH-203-E	130701	P2B-GTH-11-E	129920	ANGT-11-203
	2 1/4	@	P2B-GTH-204-E			129956	AN-GT-11-204
	55mm	@	P2B-GTH-55M-E			129950	AN-GT-11-55M
212	2 7/16	130696	P2B-GTH-207-E	130702	P2B-GTH-12-E	129921	AN-GT-12-207
	66mm	@	P2B-GTH-60M-E			129951	AN-GT-12-60M

DODGE® STEEL-HOUSED IMPERIAL HD & S-2000 HD

BALDOR

DODGE IMPERIAL HD

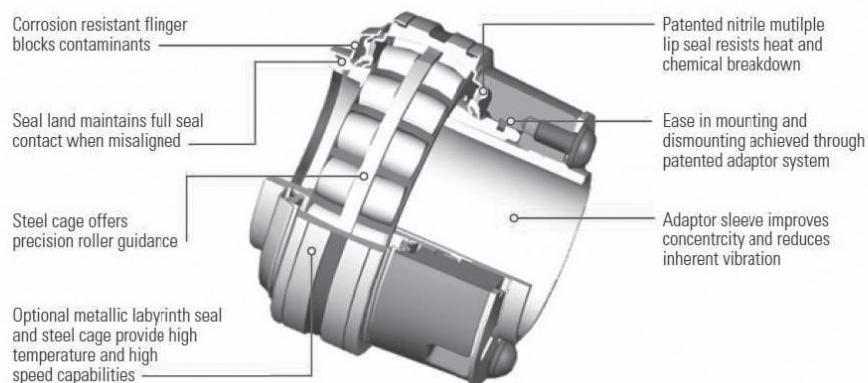
STANDARD FEATURES AND BENEFITS

- Patented adapter mounting system
- Multiple steel housing designs
- Replaceable inserts
- Choice of triple lip or labyrinth seals
- Expansion/non-expansion convertible
- Housings designed for harshest applications
- Easier to install/remove than conventional adapters



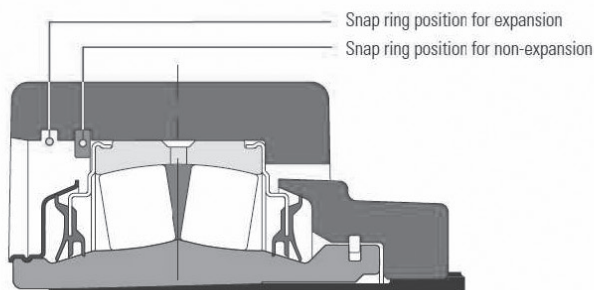
Patented Bearing Inserts

- Adapter sleeve improves concentricity, reducing inherent vibration
- Steel cage provides high temperature capabilities and precision roller guidance
- Tapered seal land maintains full contact when misaligned
- Corrosion resistant flinger blocks contaminants
- Clearance setting accomplished by turning nut a specific distance past the zero point



IMPERIAL HD & S-2000 HD: EXPANSION VS. NON-EXPANSION

- Field convertible
- Single snap ring
- Setting determined by position of ring in housing bore
- Part numbers available for ordering both configurations



THE JOHN BROOKS PRODUCT RANGE ALSO INCLUDES THE FOLLOWING:

PRODUCT LIST

- BALDOR Vector Motors and Drives
- BEIJER HM1 Screens
- BERGER LAHR high voltage steppers
- BOSTON-GEAR Clutch-Brake Units
- BROOKS DRIVE Worm Reducers
- CIMA Thermoplastic Bearing Housings
- DID Chain Couplings
- DID Chain with Attachments
- DID Racing Kart Chain
- DYNO Plastic Chain and Gravity Roller Systems
- Electro-magnetic Brakes, Clutches and Tension Control Systems
- FLEXOPAL Flexible Impellor Pumps
- GRAVITY Roller Conveyors
- HEPCO Linear Bearings and Ball Screws
- IMS Stepper Motors and Drives
- INVERTER Motors and Drives
- LINAK Actuators
- LINMOT Systems
- Linear Bearings and Ball Bearings
- Lock Hubs
- MAGPOWR Powder Brakes and Clutches
- Milking Pump and Dairy Vacuum Pump Systems
- NACHI Ball and Roller Bearings
- Needle Roller Bearings
- NACHI Wheel Bearing Kits
- NEMA Framed Electric Motors
- NEW NURO Stainless Steel Rod Ends
- Oil Seals and O-rings
- PLC Miniature Transmission Components
- Pillow Blocks
- PIV Variable Speed Gearboxes
- POGGI Bevel Gearboxes
- POGGI Lock Hubs
- Poly V-Belts and Pulleys
- Re Tension, Brakes, Clutches and Controls
- REXNORD / MCC and CABAX Conveying Chain, Steel and Plastic
- ROFLEX Poly V-Belts and Pulleys
- SERVO MECH Screw Jacks and AC Actuators
- Screw Jacks and AC Actuators
- Self-Aligning Bearings
- Shaft Mounted Reducers
- Spherical Bearings
- THORDON Elastomeric Bearing Material
- TIMKEN Tapered Roller Bearings
- Transmission Bearings and Housings
- TRANZBAND Powered Roller Conveyors
- TRIO Controllers
- UNIVERSAL Joints
- Variable Speed Belts
- Variable Pitch Pulleys and Drives
- Vector Motors and Drives
- Wine Pump Systems
- WARNER Electro-magnetic Brakes and Clutches



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