

# Chain Solidarity

ISO 9002

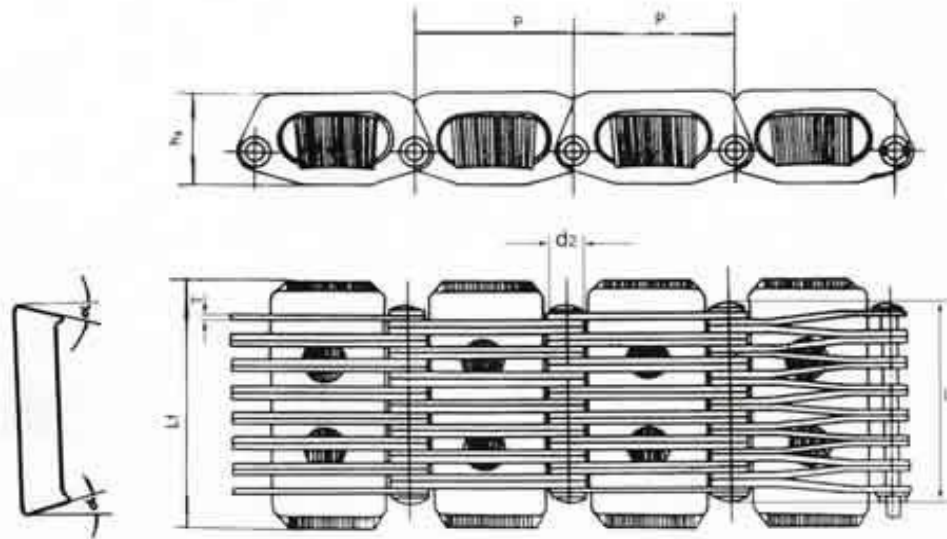
中国·诸暨链条总厂

ZHUJI CHAIN GENERAL FACTORY

无级变速链

INFINITELY VARIABLE

SPEEDS CHAINS



链型号 Chain NO	节距 Pitch	销轴直径 Pin diameter	销轴长度 Pin length	链板高度 Plate depth	链板厚度 Plate thickness	滑片长度 Width over friction plate	滑片角度 Angle of friction plate	抗拉载荷 Ultimate tensile strength	平均抗拉载荷 Average tensile strength	每米重量 Weight per meter
	P	d	L	h	T	l	α	Q	Q <sub>m</sub>	q
	mm	mm	mm	mm	mm	mm	°	kN	kN	kg/m
A <sub>0</sub>	18.75	13.00	19.50	9.50	1.00	24.00	15.00	9.00	9.90	1.00
A <sub>1</sub> A <sub>2</sub>	25.00	3.00	30.00	13.50	1.50	37.80	15.00	21.00	23.30	2.23
A <sub>3</sub>	28.60	3.00	33.30	16.00	1.50	44.20	15.00	38.50	42.70	3.04
A <sub>4</sub>	36.00	4.00	48.50	20.50	1.50	58.50	15.00	61.50	68.20	5.54
A <sub>5</sub>	36.00	4.00	60.50	20.50	1.50	70.00	15.00	71.00	78.80	6.70

# RENOLD ENGLAND

## **THERMO-PLASTIC TABLE TOP CHAINS** **SIDEFLEXING-TAB**

THE THERMOPLASTIC TABLE TOP CHAIN IS ESPECIALLY SUITABLE FOR TRANSPORTING SENSITIVE PRODUCTS SUCH AS CANS, CARTONS, OR PET BOTTLES. THIS CHAIN IS DISTINGUISHED BY ITS LOW NOISE LEVEL, AS THERE ARE NO METAL-TO-METAL CONTACTS.

STRAIGHT RUNNING: SINGLE HINGE 38.1 MM / 1-1/2" PITCH

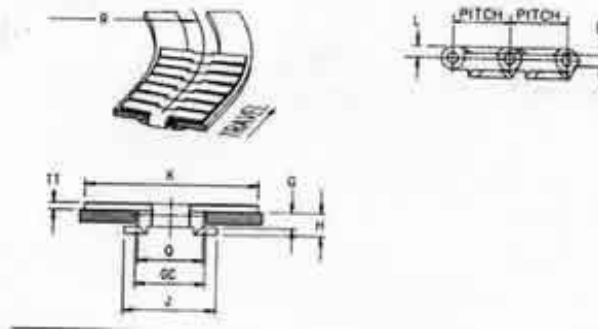
RENOLD CHAIN NO.	PLATE MATERIAL	DIMENSIONS IN MM			WEIGHT kg/m
		Width K	Minimum Sideflex Radius-R		
LF880TAB-K325	"LF" ACETAL BROWN (LOW FRICTION)	3-1/4" (82.5 mm)	18"	457.2 mm	0.94
LF880TAB-K750		7-1/2" (190.5 mm)	24"	609.6 mm	2.43

Pin Material: Stainless Steel

Standard Length: 80 pitches 10 ft (3.048 m)

Chain Pitch  
L-Height Over cL  
TT-Thickness  
Q-Overall Width  
GC-Guide Clearance, Straight  
GC-Guide Clearance, Curve  
J-Tab Width  
H-Plate Bottom to Chain Bottom  
G-Plate Bottom to Tab Top  
E-Pin Diameter  
Minimum Backflex Radius

Inch	MM
1-1/2"	38.1
19/64"	7.5
5/32"	4.0
1-11/16"	42.9
1-13/16"	46.0
1-3/4"	44.5
2-13/32"	61.1
5/8"	15.9
15/32"	11.9
9/32"	7.1
1-1/2"	38.1



# RENOLD ENGLAND

## ***THERMO-PLASTIC TABLE TOP CHAINS STRAIGHT RUNNING***

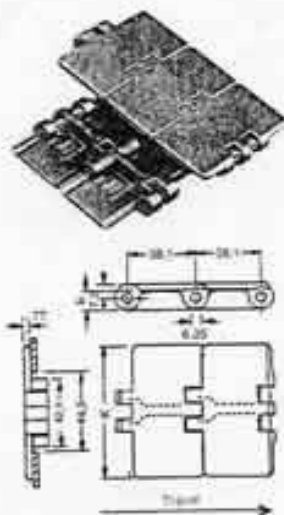
THE THERMOPLASTIC TABLE TOP CHAIN IS ESPECIALLY SUITABLE FOR TRANSPORTING SENSITIVE PRODUCTS SUCH AS CANS, CARTONS, OR PET BOTTLES. THIS CHAIN IS DISTINGUISHED BY ITS LOW NOISE LEVEL, AS THERE ARE NO METAL-TO-METAL CONTACTS.

STRAIGHT RUNNING: SINGLE HINGE 38.1 MM / 1-1/2" PITCH

RENOLD CHAIN NO.	PLATE MATERIAL	DIMENSIONS IN MM			WEIGHT kg/m
		Width K	h	TT	
LF820K325	"LF" ACETAL BROWN (LOW FRICTION)	3-1/4" (82.5 mm)	9.5	4	0.83
LF820K400		4" (101.6 mm)			0.95
LF820K450		4-1/2" (114.3 mm)			1.03
LF820K600		6" (152.4 mm)			1.25
LF820K750		7-1/2" (190.5 mm)			1.47

Pin Material: Stainless Steel

Standard Length: 80 pitches 10 ft (3.048 m)





**DODGE DIVISION • RELIANCE ELECTRIC CO.**  
 MISHAWAKA, INDIANA 46544



# FAG Split Spherical Roller Bearings

- in metric and inch dimensions
- for locations with restricted access
- replacement of bearings with adapter sleeve
- no modification to existing housings, short down times



FAG Kugelfischer Georg Schäfer KGaA

Publ. No. WL 43 131/4 EA



# McGILL®

PRECISION BEARINGS

## Selection Guide



# Power Transmission Products

- Agricultural Bearings
- Industrial Bearings

- Automobile Bearings
- Hardware Parts



**YIH SHIN BEARING CO., LTD.**  
**NASER ROUN INDUSTRIAL CO., LTD.**

Office: Mail Add: P.O. Box 108-081 Taipei, Taiwan  
Rm. 1004-1005, NO. 148, Chung Hsiao E. Rd., Sec. 4, Taipei, Taiwan.  
Tel: 886-2-27215186 Fax: 886-2-27214666  
E-mail: nbr.naser@msa.hinet.net <http://www.nbr-bearings.com>  
Factory: No. 1367, Chung-Shan Rd., Sec. 2, Ta-chia Chen, Taichung Hsien, Taiwan.

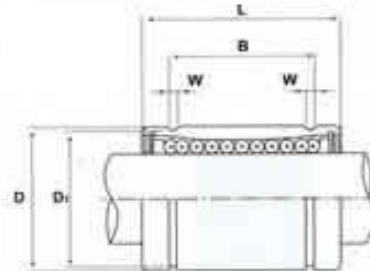




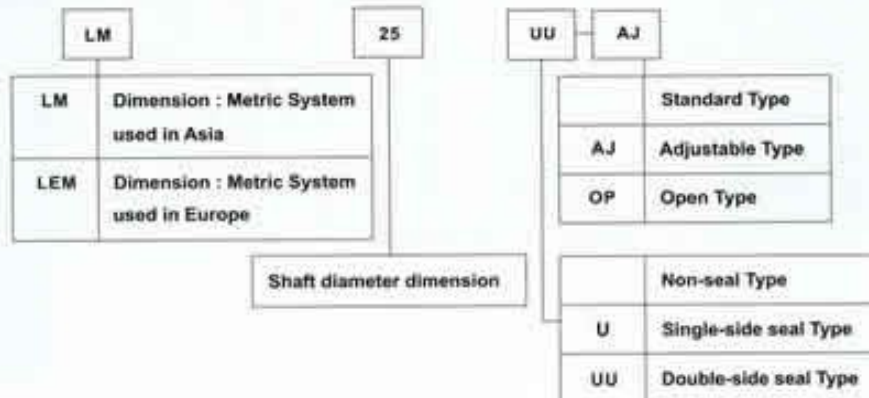
Cylinder  
LM□

Open type  
LM□OP

Clearance adjustable  
LM□AJ



NBR NO.	Ball circuit	Weight g	LM...-AJ	LM...-OP	dr mm	Tolerance $\mu$ m	
						Precision J	Precision F
LM4UU	4	1.9	—	—	4	0	0
LM5UU	4	4	—	—	5	-5	-8
LM6UU	4	7.6	LM 6-AJ	—	6	0 -6	0 -9
LM8SUU	4	10.4	LM 8-AJ	—	8		
LM8UU	4	15	LM 8-AJ	—	8		
LM10UU	4	29.5	LM 10-AJ	LM 10-OP	10		
LM12UU	4	31.5	LM 12-AJ	LM 12-OP	12		
LM13UU	4	43	LM 13-AJ	LM 13-OP	13	0 -7	0 -10
LM16UU	5	69	LM 16-AJ	LM 16-OP	16		
LM20UU	5	87	LM 20-AJ	LM 20-OP	20		
LM25UU	5	220	LM 25-AJ	LM 25-OP	25		
LM30UU	6	250	LM 30-AJ	LM 30-OP	30		
LM35UU	6	390	LM 35-AJ	LM 35-OP	35	0 -8	0 -12
LM40UU	6	585	LM 40-AJ	LM 40-OP	40		
LM50UU	6	1580	LM 50-AJ	LM 50-OP	50		
LM60UU	6	1860	LM 60-AJ	LM 60-OP	60	0 -9	0 -15
LM80UU	6	4420	LM 80-AJ	LM 80-OP	80		

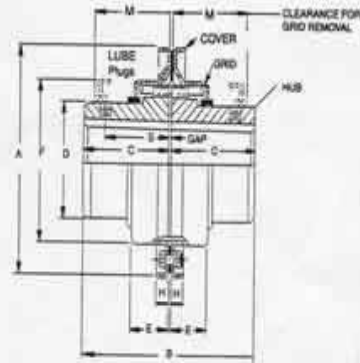
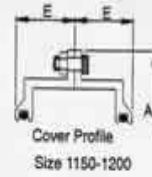




# APOLLO®

## Tapered Grid Coupling

### Type T20 (Vertical Split Aluminum Cover)



Size	HP per 100 rpm	Max. Speed (rpm)	Basic Torque (kg cm)	Bore Dia. (mm)		Dimensions (mm)					Gap (mm)			Cplg. Wt. (kg)	Lube Wt. (kg)	Size
				Max.	Min.	A	B	C	D	E	Min.	Normal	Max.			
1020	0.68	6,000	486	30	12.7	111.1	98	47.5	39.7	24.2	1.5	3	4.5	2	0.03	1020
1030	1.33	6,000	1,383	36	12.7	120.7	98	47.5	49.2	25	1.5	3	4.5	2.6	0.03	1030
1040	3.22	6,000	2,304	44	12.7	128.5	104.6	50.8	57.1	25.7	1.5	3	4.5	3.4	0.05	1040
1050	5.63	6,000	4,033	50	12.7	147.6	123.6	60.3	66.7	31.2	1.5	3	4.5	5.4	0.05	1050
1060	8.85	6,000	6,337	57	19.1	162	130	63.5	76.2	32.2	1.5	3	4.5	7.3	0.09	1060
1070	13	5,500	9,217	65	19.1	173	155.4	76.2	87.3	32.7	1.5	3	4.5	10.4	0.11	1070
1080	27	4,750	19,010	79	27	200	180.8	88.9	104.8	44.2	1.5	3	4.5	17.7	0.17	1080
1090	48	4,000	34,564	95	27	231.8	199.8	98.4	123.8	47.7	1.5	3	6	25.4	0.25	1090
1100	81	3,250	58,183	107	41.3	266.7	245.7	120.6	142	60	1.5	3	6	42.2	0.43	1100
1110	121	3,000	86,411	117	41.3	285.8	258.5	127	160.3	64.2	1.5	4.5	9.5	54.4	0.51	1110
1120	177	2,700	126,736	126	60.3	319	304.4	149.2	179.4	73.4	1.5	4.5	9.5	81.6	0.73	1120
1130	257	2,400	184,343	165	66.7	377.8	329.8	161.9	217.5	75.1	1.5	6	13	123.5	0.91	1130
1140	370	2,200	264,993	184	66.7	416	371.6	182.8	254	78.2	1.5	6	13	180.1	1.13	1140
1150	515	2,000	368,686	203	108	476.3	371.8	182.9	269.2	106.9	1.5	6	13	230	1.95	1150
1160	724	1,750	518,465	228	120.7	533.4	402.2	198.1	304.8	114.3	1.5	6	13	321.1	2.81	1160
1170	965	1,600	691,286	279	133.4	584.2	437.8	215.9	355.6	118.4	1.5	6	13	448.2	3.49	1170
1180	1,338	1,400	958,584	311	152.4	630	483.6	238.8	393.7	130	1.5	6	13	591	3.76	1180
1190	1,770	1,300	1,267,358	339	152.4	685	524.2	259.1	436.9	135	1.5	6	13	761	4.4	1190
1200	2,413	1,100	1,728,216	361	177.8	737	564.8	279.4	497.8	145	1.5	6	13	1,021	5.62	1200

Apollo Coupling Co., Ltd.  
Mechanical Power Transmission Systems  
A Diamond Corporation  
Apollo, Italy  
Certified ISO 9001

# **KANA**

**ROLLER CHAINS / CHAIN COUPLINGS  
SPROCKETS / CONVEYOR CHAINS**



**KATAYAMA CHAIN CO., LTD.**



# GOODYEAR HY-T<sup>®</sup> PLUS

I N N O V A T I O N   L E A D E R



HY-T B90(5L930) Matchmaker  
GO(5L930) Matchmaker  
GOODYEAR

Made in  
USA

Made in  
USA

D504-C



# MITSUBOSHI®



## Springlock™

DUAL VARIABLE PULLEYS AND BELTS

D40 Series Variable Speed Belt Drive System

PROVEN RELIABILITY



for portable, bench, pedestal & Swing frame M/C

## General Purpose Wheels



Straight, type 1

### Abrasives:

- A Regular Aluminum Oxide
- WA White Aluminum Oxide
- GC Green Silicon Carbide

### Grit:

#16, 24, 36, 46, 60, 80, 100, 120

### Grade:

G, H, I, J, K, L, M, N, O, P, Q, R, S,

### Bond:

V(Vitrified)-wheel speed:33m/sec  
B(Resinoid)-wheel speed:48, 63m/sec

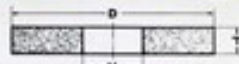
### Standard Dimensions INCH (mm)

#### Thickness & Hole size as ordered

3 x	1/2, 3/4, 1 x	( 75x 13,19,25x--)
4 x	1/2, 3/4, 1 x	(100x 13,19,25x--)
5 x	1/2, 3/4, 1 x	(125x 13,19,25x--)
6 x	1/2, 3/4, 1 x	(150x 13,19,25x--)
7 x	1/2, 3/4, 1 x	(180x 13,19,25x--)
8 x	1/2, 3/4, 1 x	(205x 13,19,25x--)
10 x	1, 1 1/4, 1 1/2, 2 x	(255x25,32,38,50x--)
12 x	1, 1 1/4, 1 1/2, 2 x	(305x25,32,38,50x--)
14 x	1, 1 1/4, 1 1/2, 2 x	(355x25,32,38,50x--)
16 x	1, 1 1/4, 1 1/2, 2 x	(405x25,32,38,50x--)
20 x	2, 2 1/2, 3 x	(510x 50,63,75x--)
24 x	2, 2 1/2, 3 x	(610x 50,63,75x--)

Vitrified bonded (wheel speed:33m/sec)

## Surface Grinding Wheels



Straight type 1, One & both Sides Recessed

### Abrasives:

- A Regular Aluminum Oxide
- WA White Aluminum Oxide
- SA Single Crystal Aluminum Oxide
- PA Pink Aluminum Oxide
- GC Green Silicon Carbide

### Grit:

#46, 60, 80, 100, 120, 150, 220

### Grade: H, I, J, K, L

### Standard Dimensions INCH (mm)

#### Thickness & Hole size as ordered

5x	1/2, 3/4, 1, 1 1/2, 1 3/4 x 1 1/4	(125x13,19,25,38,44x32)
6x	1/4, 1/2, 3/4, 1 x 1 1/4	(150x 6,13,19,25x32)
7x	1/4, 1/2, 3/4, 1, 1 1/4 x 1 1/4	(180x 6,13,19,25,32x32)
8x	1/4, 1/2, 3/4, 1, 1 1/4 x 1 1/4, 2	(205x 6,13,19,25,32x32,51)
10x	1/2, 3/4, 1, 1 1/4, 1 1/2 x 2,3	(255x13,19,25,32,38x51,76)
12x	3/4, 1, 1 1/4, 1 1/2, 2 x 3,5	(305x19,25,32,38,50x 76,12)
14x	1, 1 1/4, 1 1/2, 2 x 5,8	(355x 25,32,38,50x127,20)
16x	1, 1 1/4, 1 1/2, 2 x 5,8	(405x 25,32,38,50x127,20)
20x	1 1/2, 2 x 5,8	(510x 38,50x127,20)

