



绍兴凯一同步带有限公司

Shaoxing CSHBELT Co., Ltd.

Rubber Timing Belts

橡 胶 同 步 带

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CSHBELT

公司概况 Company Profile

公司简介

- 绍兴凯一同步带有限公司成立于2007年，全心致力于研发和生产工业用橡胶同步带、聚氨酯同步带。最新的技术、独特的制造工艺、先进的测控设备和专业的生产管理团队是产品品质的可靠保证。
- 绍兴凯一同步带有限公司提供的同步带产品广泛应用于工业传动系统，包括动力传动、直线运动、同步输送等等。

公司规模

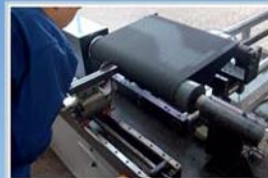
- 投资额: 220万美元
- 年销售额: 超过500万美元
- 员工数量: 超过100人
- 厂区面积: 72000平方英尺
- 主要设备: 超过70台

我们的使命

- 绍兴凯一同步带有限公司的目标是：创新进取，为工业应用领域提供优质的橡胶同步带及聚氨酯同步带产品。

研发部门

- 最新的技术
- 独特的制造工艺
- 先进的测控设备
- 专业的生产管理团队
- 所有模具均自行设计制造



The company

- Shaoxing CSHBELT Co., Ltd. was founded in 2007. CSHBELT is a leading manufacturer of rubber timing belts and polyurethane timing belts for industrial applications. The newest technology, the unique fabrication technology, the advanced testing equipment and the specialized production management team are reliable guarantees of the products quality.
- CSHBELT products are widely applies in the industrial transmission system, including power transmission, linear motion, conveying and so on.

Our Mission

- CSHBELT mission is: Constantly innovation to provide the high quality rubber timing belts and polyurethane timing belts for all the industrial applications.

Company Size

- Investment value: 2.2 million USD
- Turnover: more than 5 million USD
- Employee: more than 100
- Factory area: 72000 square ft
- Main equipments: more than 70 units

R&D

- The newest technology
- The unique fabrication technology
- The advanced testing equipment
- The specialized production management team
- All molds are the independent design manufacture



橡胶同步带

Rubber Timing Belts



橡胶同步带

Rubber Timing Belts

产品介绍

- 同步带传动是由一根内周表面设有等间距齿的封闭环形胶带和相应的带轮所组成。运行时，带齿与带轮的齿槽相啮合传递动力，是一种啮合传动。这是综合了齿轮传动、链传动和皮带传动各种优点的新型带传动。
- 本公司现有同步带型号30余种，规格2000多种，同时可以为用户设计制造特殊规格型号的同步带。

Product Introduction

- Timing belt drive consists of an endless belt whose inner surface has equal spaced teeth and belt pulley which have the relative teeth. While working, the teeth of the belt and the teeth of the pulley joggle each other to transmit the motion and the dynamic force. It is a kind of new type drive which has synthesized all the good points of belt drive, chain drive and gear drive.
- Now we have over 30 types timing belts with more than 2000 specifications, It may also design and manufacture timing belt with special specification to satisfy customer's requirements.



结构



氯丁橡胶带身

- 具有良好的耐油脂，耐热和耐老化性能。



玻璃纤维张力层

- 具有高强度，良好的耐屈挠性能和低伸长率。



齿面尼龙布

- 提高了齿的耐磨损性和抗剪切强度。

• Neoprene body

provides protection against oil, grease, heat and aging.

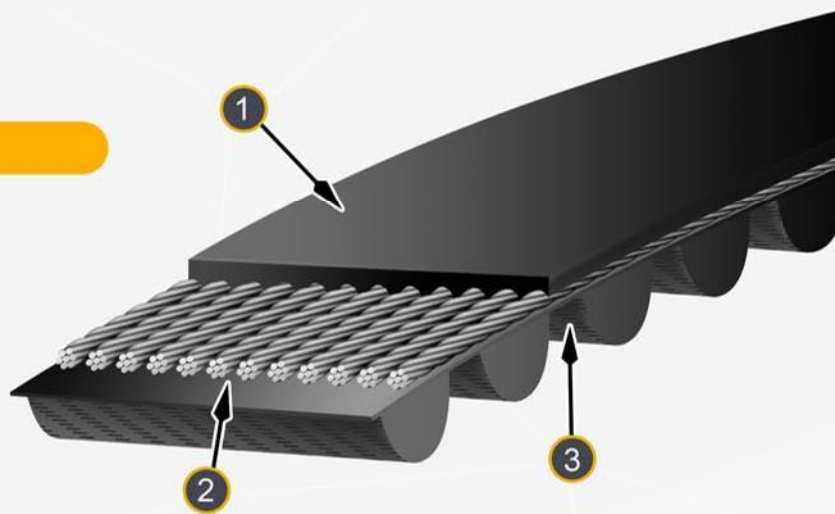
Structure

• Glass Fiber cord

provides high strength, good flexing performance, and low elongation.

• Nylon fabric tooth facing

provides resistance to abrasion and tooth shear.



订购示例 Order Example

980	H	200	宽度2.00英寸 Width 2.00 inch	10 x T5 x 900	节线长度 Pitch length (mm)	HTD - 1280 - 8M - 50	宽度Width (mm)
			型号 Type		型号 Type		型号 Type
			节线长度98英寸 Pitch length 98 inch		宽度 Width (mm)		节线长度 Pitch length (mm)
							齿型代号 Teeth

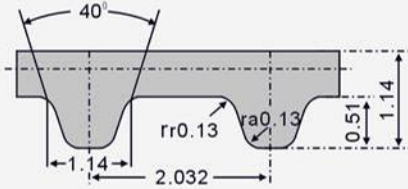
注：可以根据客户需要来样或图纸定做加工。

Customer-made producing and processing against samples or drawings are available.

同步带规格、型号、尺寸表

Dimension of Rubber Timing Belts

MXL 型 / Type



规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
B42MXL	85.344	42
34MXL	87.376	43
43MXL	109.728	54
44MXL	111.76	55
45MXL	113.792	56
46MXL	117.856	58
47MXL	119.888	59
48MXL	121.92	60
49MXL	123.952	61
49.5MXL	125.984	62
50MXL	128.016	63
52MXL	132.08	65
53MXL	134.112	66
53.5MXL	136.144	67
54MXL	138.176	68
55MXL	140.208	69
57MXL	144.272	71
58MXL	146.304	72
58.5MXL	148.336	73
60MXL	152.4	75
61MXL	154.432	76
61.5MXL	156.464	77
62MXL	158.496	78
63MXL	160.528	79
64MXL	162.56	80
65MXL	166.624	82
66MXL	168.656	83
68MXL	172.72	85
69MXL	176.784	87
70MXL	178.816	88
71MXL	180.848	89
72MXL	182.88	90
73MXL	186.944	92
75MXL	191.008	94
76MXL	193.04	95
76.5MXL	195.072	96
77MXL	197.104	97
78MXL	199.136	98
79MXL	201.168	99

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
80MXL	203.2	100
81MXL	207.264	102
82MXL	209.296	103
83MXL	211.328	104
84MXL	213.36	105
85MXL	215.392	106
86MXL	219.456	108
87MXL	221.488	109
88MXL	223.52	110
89MXL	227.584	112
90MXL	229.616	113
91MXL	231.648	114
92MXL	233.68	115
93MXL	235.712	116
94MXL	239.776	118
96MXL	243.84	120
97MXL	245.872	121
97.5MXL	247.904	122
98MXL	249.936	123
99MXL	251.968	124
100MXL	254	125
101MXL	256.032	126
101.5MXL	258.064	127
102MXL	260.096	128
104MXL	264.16	130
105MXL	266.192	131
106MXL	268.224	132
107MXL	270.256	133
107.5MXL	272.288	134
108MXL	274.32	135
111MXL	282.448	139
112MXL	284.48	140
113MXL	288.544	142
115MXL	292.608	144
116MXL	294.64	145
117.5MXL	298.704	147
118MXL	300.736	148
119MXL	302.768	149
120MXL	304.8	150
121MXL	306.832	151
121.5MXL	308.864	152
122MXL	310.896	153
124MXL	314.96	155
125MXL	316.992	156
126MXL	321.056	158
128MXL	325.12	160
130MXL	329.184	162
132MXL	335.28	165

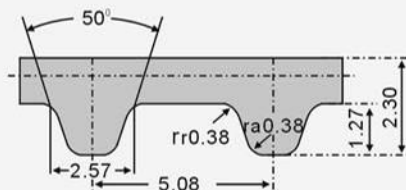
规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
135MXL	343.408	169
136MXL	345.44	170
140MXL	355.6	175
144MXL	365.76	180
147MXL	373.888	184
148MXL	375.92	185
152MXL	386.08	190
154MXL	390.144	192
155MXL	394.208	194
156MXL	396.24	195
160MXL	406.4	200
162MXL	412.496	203
168MXL	426.72	210
169.6MXL	430.784	212
172MXL	436.88	215
173MXL	438.912	216
175MXL	445.008	219
180MXL	457.2	225
183MXL	465.328	229
185MXL	471.424	232
187MXL	475.488	234
188MXL	477.52	235
189MXL	479.552	236
192MXL	487.68	240
198MXL	503.936	248
205MXL	520.192	256
212MXL	538.48	265
218MXL	554.736	273
221MXL	560.832	276
224MXL	568.96	280
228MXL	579.12	285
232MXL	589.28	290
238MXL	605.536	298
240MXL	609.6	300
244MXL	619.76	305
250MXL	633.984	312
252MXL	640.08	315
256MXL	650.24	320
258MXL	656.336	323
261MXL	662.432	326
262MXL	666.496	328
266MXL	676.656	333
269MXL	682.752	336
278MXL	705.104	347
288MXL	731.52	360
297MXL	753.872	371
298MXL	755.904	372
302MXL	768.096	378

同步带规格、型号、尺寸表

Dimension of Rubber Timing Belts

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
304MXL	772.16	380
312MXL	792.48	390
317.5MXL	806.704	397
320MXL	812.8	400
326MXL	829.056	408
328MXL	833.12	410
329.5MXL	837.184	412
330MXL	839.216	413
344MXL	873.76	430
352MXL	894.08	440
362MXL	920.496	453
371MXL	942.848	464
374MXL	950.976	468
378MXL	961.136	473
386MXL	979.424	482
390MXL	989.584	487
398MXL	1011.936	498
403MXL	1024.128	504
413MXL	1048.512	516
418MXL	1060.704	522
426MXL	1081.024	532
430MXL	1091.184	537
433MXL	1099.312	541
440MXL	1117.6	550
456MXL	1158.24	570
473MXL	1200.912	591
474MXL	1202.944	592
518MXL	1316.736	648
522MXL	1326.896	653
564MXL	1432.56	705
600MXL	1524	750
608MXL	1544.32	760
764MXL	1940.56	955
810MXL	2056.384	1012
848MXL	2153.92	1060
870MXL	2210.816	1088
910MXL	2310.384	1137
1000MXL	2540	1250
1141MXL	2897.632	1426
1170MXL	2972.816	1463
1213MXL	3080.512	1516
1216MXL	3088.64	1520
1635MXL	4153.408	2044

XL 型 / Type



规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
60XL	152.4	30
64XL	162.56	32
68XL	172.72	34
70XL	177.8	35
74XL	187.96	37
76XL	193.04	38
78XL	198.12	39
80XL	203.2	40
82XL	208.28	41
84XL	213.36	42
86XL	218.44	43
88XL	223.52	44
90XL	228.6	45
92XL	233.68	46
94XL	238.76	47
96XL	243.84	48
98XL	248.92	49
100XL	254	50
102XL	259.08	51
104XL	264.16	52
106XL	269.24	53
108XL	274.32	54
110XL	279.4	55
112XL	284.48	56
114XL	289.56	57
116XL	294.64	58
118XL	299.72	59
120XL	304.8	60
122XL	309.88	61
124XL	314.96	62
126XL	320.04	63
128XL	325.12	64
130XL	330.2	65
132XL	335.28	66
134XL	340.36	67
136XL	345.44	68
138XL	350.52	69
140XL	355.6	70
142XL	360.68	71

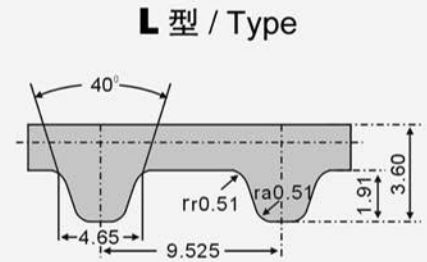
规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
144XL	365.76	72
146XL	370.84	73
148XL	375.92	74
150XL	381	75
152XL	386.08	76
154XL	391.16	77
156XL	396.24	78
158XL	401.32	79
160XL	406.4	80
162XL	411.48	81
164XL	416.56	82
166XL	421.64	83
168XL	426.72	84
170XL	431.8	85
172XL	436.88	86
174XL	441.96	87
176XL	447.04	88
178XL	452.12	89
180XL	457.2	90
182XL	462.28	91
184XL	467.36	92
186XL	472.44	93
188XL	477.52	94
190XL	482.6	95
192XL	487.68	96
194XL	492.76	97
196XL	497.84	98
198XL	502.92	99
200XL	508	100
202XL	513.08	101
204XL	518.16	102
206XL	523.24	103
208XL	528.32	104
210XL	533.4	105
212XL	538.48	106
214XL	543.56	107
216XL	548.64	108
218XL	553.72	109
220XL	558.8	110
222XL	563.88	111
224XL	568.96	112
226XL	574.04	113
228XL	579.12	114
230XL	584.2	115
234XL	594.36	117
236XL	599.44	118
240XL	609.6	120
242XL	614.68	121

同步带规格、型号、尺寸表

Dimension of Rubber Timing Belts

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
244XL	619.76	122
248XL	629.92	124
250XL	635	125
254XL	645.16	127
258XL	655.32	129
260XL	660.4	130
262XL	665.48	131
264XL	670.56	132
266XL	675.64	133
268XL	680.72	134
270XL	685.8	135
274XL	695.96	137
276XL	701.04	138
278XL	706.12	139
280XL	711.2	140
282XL	716.28	141
286XL	726.44	143
290XL	736.6	145
296XL	751.84	148
300XL	762	150
302XL	767.08	151
304XL	772.16	152
306XL	777.24	153
310XL	787.4	155
312XL	792.48	156
314XL	797.56	157
316XL	802.64	158
320XL	812.8	160
322XL	817.88	161
330XL	838.2	165
332XL	843.28	166
334XL	848.36	167
336XL	853.44	168
338XL	858.52	169
340XL	863.6	170
344XL	873.76	172
348XL	883.92	174
350XL	889	175
352XL	894.08	176
356XL	904.24	178
360XL	914.4	180
364XL	924.56	182
370XL	939.8	185
372XL	944.88	186
376XL	955.04	188
380XL	965.2	190
382XL	970.28	191
384XL	975.36	192

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
390XL	990.6	195
392XL	995.68	196
396XL	1005.84	198
400XL	1016	200
412XL	1046.48	206
414XL	1051.56	207
424XL	1076.96	212
430XL	1092.2	215
432XL	1097.28	216
434XL	1102.36	217
438XL	1112.52	219
444XL	1127.76	222
450XL	1143	225
460XL	1168.4	230
468XL	1188.72	234
470XL	1193.8	235
480XL	1219.2	240
490XL	1244.6	245
498XL	1264.92	249
506XL	1285.24	253
510XL	1295.4	255
522XL	1325.88	261
530XL	1346.2	265
532XL	1351.28	266
564XL	1432.56	282
572XL	1452.88	286
580XL	1473.2	290
592XL	1503.68	296
600XL	1524	300
612XL	1554.48	306
630XL	1600.2	315
648XL	1645.92	324
670XL	1701.8	335
672XL	1656.08	336
686XL	1742.44	343
690XL	1752.6	345
700XL	1778	350
710XL	1803.4	355
720XL	1828.8	360
730XL	1854.2	365
736XL	1869.44	368
770XL	1955.8	385
828XL	2103.12	414
850XL	2159	425
860XL	2184.4	430
884XL	2245.36	442
1020XL	2590.8	510



规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
86L	219.075	23
98L	247.65	26
109L	276.225	29
113L	285.75	30
120L	304.8	32
124L	314.325	33
130L	333.375	35
135L	342.9	36
143L	361.95	38
150L	381	40
154L	390.525	41
158L	400.05	42
161L	409.575	43
165L	419.1	44
169L	428.625	45
173L	438.15	46
177L	447.675	47
180L	457.2	48
185L	466.725	49
187L	476.25	50
191L	485.775	51
195L	495.3	52
198L	504.825	53
203L	514.35	54
206L	523.875	55
210L	533.4	56
217L	552.45	58
220L	561.975	59
225L	571.5	60
230L	581.025	61
232L	590.55	62
236L	600.075	63
240L	609.6	64
244L	619.125	65
248L	628.65	66
250L	638.175	67
255L	647.7	68
258L	657.225	69
263L	666.75	70

同步带规格、型号、尺寸表

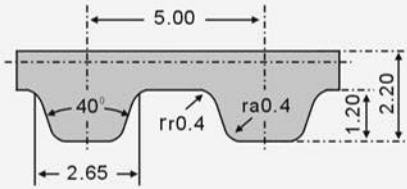
Dimension of Rubber Timing Belts

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number	规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number	规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
410H	1041.4	82	730H	1854.2	146	1500H	3810	300
415H	1054.1	83	740H	1879.6	148	1550H	3937	310
420H	1066.8	84	750H	1905	150	1560H	3962.4	312
425H	1079.5	85	760H	1930.4	152	1600H	4064	320
430H	1092.2	86	770H	1955.8	154	1630H	4140.2	326
435H	1104.9	87	780H	1981.2	156	1650H	4191	330
440H	1117.6	88	800H	2032	160	1700H	4318	340
445H	1130.3	89	810H	2057.4	162	1780H	4521.2	356
450H	1143	90	820H	2082.8	164	1800H	4572	360
460H	1168.4	92	830H	2108.2	166	1850H	4699	370
465H	1181.1	93	840H	2133.6	168	1900H	4826	380
470H	1193.8	94	850H	2159	170			
480H	1219.2	96	860H	2184.4	172			
485H	1231.9	97	870H	2209.8	174			
490H	1244.6	98	880H	2235.2	176			
495H	1257.3	99	885H	2247.9	177			
500H	1270	100	900H	2286	180			
510H	1295.4	102	940H	2387.6	188			
515H	1308.1	103	950H	2413	190			
520H	1320.8	104	960H	2438.4	192			
525H	1333.5	105	980H	2489.2	196			
530H	1346.2	106	985H	2501.9	197			
540H	1371.6	108	1000H	2540	200			
550H	1397	110	1020H	2590.8	204			
555H	1409.7	111	1030H	2616.2	206			
560H	1422.4	112	1050H	2667	210			
570H	1447.8	114	1070H	2717.8	214			
580H	1473.2	116	1100H	2794	220			
585H	1485.9	117	1120H	2844.8	224			
590H	1498.6	118	1130H	2870.2	226			
600H	1524	120	1135H	2882.9	227			
605H	1536.7	121	1140H	2895.6	228			
610H	1549.4	122	1150H	2921	230			
615H	1562.1	123	1155H	2933.7	231			
620H	1574.8	124	1160H	2946.4	232			
625H	1587.5	125	1180H	2997.2	236			
630H	1600.2	126	1200H	3048	240			
640H	1625.6	128	1240H	3149.6	248			
645H	1638.3	129	1250H	3175	250			
650H	1651	130	1260H	3200.4	252			
660H	1676.4	132	1270H	3225.8	254			
670H	1701.8	134	1285H	3263.9	257			
680H	1727.2	136	1325H	3365.5	265			
700H	1778	140	1350H	3429	270			
705H	1790.7	141	1360H	3454.4	272			
710H	1803.4	142	1400H	3556	280			
720H	1828.8	144	1450H	3683	290			
725H	1841.5	145	1460H	3708.4	292			

同步带规格、型号、尺寸表

Dimension of Rubber Timing Belts

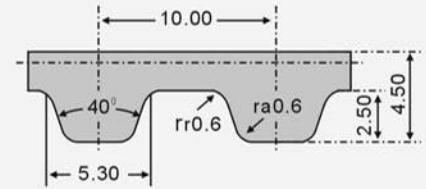
T5 型 / Type



规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
T5x165	165	33
T5x185	185	37
T5x220	220	44
T5x240	240	48
T5x245	245	49
T5x250	250	50
T5x260	260	52
T5x270	270	54
T5x280	280	56
T5x300	300	60
T5x310	310	62
T5x320	320	64
T5x325	325	65
T5x330	330	66
T5x340	340	68
T5x350	350	70
T5x355	355	71
T5x365	365	73
T5x375	375	75
T5x390	390	78
T5x400	400	80
T5x420	420	84
T5x435	435	87
T5x455	455	91
T5x460	460	92
T5x470	470	94
T5x475	475	95
T5x480	480	96
T5x500	500	100
T5x510	510	102
T5x525	525	105
T5x530	530	106
T5x550	550	110
T5x560	560	112
T5x575	575	115
T5x590	590	118
T5x635	635	127
T5x690	690	138
T5x705	705	141

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
T5x750	750	150
T5x755	755	151
T5x780	780	156
T5x800	800	160
T5x815	815	163
T5x840	840	168
T5x880	880	176
T5x900	900	180
T5x940	940	188
T5x990	990	198
T5x1000	1000	200
T5x1035	1035	207
T5x1100	1100	220
T5x1200	1200	240
T5x1215	1215	243
T5x1275	1275	255
T5x1380	1380	276
T5x1420	1420	284
T5x1630	1630	326
T5x1740	1740	348
T5x1760	1760	352
T5x1800	1800	360
T5x1900	1900	380
T5x1905	1905	381
T5x1960	1960	392
T5x2000	2000	400
T5x2010	2010	402
T5x2280	2280	456

T10 型 / Type



规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
T10x340	340	34
T10x400	400	40
T10x410	410	41
T10x440	440	44
T10x460	460	46
T10x480	480	48
T10x500	500	50
T10x520	520	52
T10x530	530	53
T10x560	560	56
T10x570	570	57
T10x600	600	60
T10x610	610	61
T10x630	630	63
T10x640	640	64
T10x650	650	65
T10x660	660	66
T10x690	690	69
T10x700	700	70
T10x720	720	72
T10x750	750	75
T10x780	780	78
T10x800	800	80
T10x810	810	81
T10x840	840	84
T10x870	870	87
T10x880	880	88
T10x890	890	89
T10x900	900	90
T10x920	920	92
T10x950	950	95
T10x1000	1000	100
T10x1010	1010	101
T10x1050	1050	105
T10x1080	1080	108
T10x1100	1100	110
T10x1110	1110	111
T10x1120	1120	112
T10x1140	1140	114

同步带规格、型号、尺寸表

Dimension of Rubber Timing Belts

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
240-3M	240	80
243-3M	243	81
246-3M	246	82
249-3M	249	83
252-3M	252	84
255-3M	255	85
258-3M	258	86
261-3M	261	87
264-3M	264	88
267-3M	267	89
270-3M	270	90
273-3M	273	91
276-3M	276	92
279-3M	279	93
282-3M	282	94
285-3M	285	95
288-3M	288	96
291-3M	291	97
294-3M	294	98
297-3M	297	99
300-3M	300	100
306-3M	306	102
309-3M	309	103
312-3M	312	104
315-3M	315	105
318-3M	318	106
321-3M	321	107
324-3M	324	108
327-3M	327	109
330-3M	330	110
333-3M	333	111
336-3M	336	112
339-3M	339	113
345-3M	345	115
348-3M	348	116
351-3M	351	117
354-3M	354	118
357-3M	357	119
360-3M	360	120
363-3M	363	121
366-3M	366	122
369-3M	369	123
375-3M	375	125
378-3M	378	126
381-3M	381	127
384-3M	384	128
390-3M	390	130
393-3M	393	131

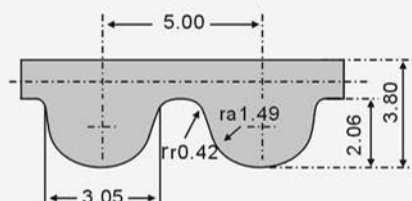
规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
399-3M	399	133
402-3M	402	134
405-3M	405	135
408-3M	408	136
411-3M	411	137
417-3M	417	139
420-3M	420	140
423-3M	423	141
426-3M	426	142
432-3M	432	144
435-3M	435	145
438-3M	438	146
444-3M	444	148
447-3M	447	149
450-3M	450	150
453-3M	453	151
459-3M	459	153
462-3M	462	154
468-3M	468	156
474-3M	474	158
477-3M	477	159
480-3M	480	160
483-3M	483	161
486-3M	486	162
492-3M	492	164
495-3M	495	165
501-3M	501	167
513-3M	513	171
519-3M	519	173
522-3M	522	174
525-3M	525	175
531-3M	531	177
537-3M	537	179
543-3M	543	181
546-3M	546	182
549-3M	549	183
552-3M	552	184
555-3M	555	185
558-3M	558	186
564-3M	564	188
576-3M	576	192
579-3M	579	193
582-3M	582	194
588-3M	588	196
591-3M	591	197
597-3M	597	199
600-3M	600	200
603-3M	603	201

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
606-3M	606	202
609-3M	609	203
612-3M	612	204
633-3M	633	211
648-3M	648	216
654-3M	654	218
669-3M	669	223
675-3M	675	225
684-3M	684	228
687-3M	687	229
696-3M	696	232
699-3M	699	233
708-3M	708	236
711-3M	711	237
738-3M	738	246
750-3M	750	250
753-3M	753	251
765-3M	765	255
768-3M	768	256
789-3M	789	263
801-3M	801	267
804-3M	804	268
810-3M	810	270
813-3M	813	271
825-3M	825	275
843-3M	843	281
900-3M	900	300
939-3M	939	313
945-3M	945	315
960-3M	960	320
1002-3M	1002	334
1068-3M	1068	356
1125-3M	1125	375
1200-3M	1200	400
1263-3M	1263	421
1335-3M	1335	445
1344-3M	1344	448
1374-3M	1374	458
1440-3M	1440	480
1569-3M	1569	523
1800-3M	1800	600
1863-3M	1863	621
2040-3M	2040	680
2388-3M	2388	796
2640-3M	2640	880
3000-3M	3000	1000
3600-3M	3600	1200

同步带规格、型号、尺寸表

Dimension of Rubber Timing Belts

HTD-5M 型 / Type



规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
175-5M	175	35
180-5M	180	36
185-5M	185	37
200-5M	200	40
210-5M	210	42
215-5M	215	43
225-5M	225	45
230-5M	230	46
235-5M	235	47
245-5M	245	49
250-5M	250	50
255-5M	255	51
260-5M	260	52
265-5M	265	53
270-5M	270	54
275-5M	275	55
280-5M	280	56
285-5M	285	57
295-5M	295	59
300-5M	300	60
305-5M	305	61
310-5M	310	62
320-5M	320	64
325-5M	325	65
330-5M	330	66
335-5M	335	67
340-5M	340	68
345-5M	345	69
350-5M	350	70
355-5M	355	71
360-5M	360	72
365-5M	365	73
370-5M	370	74
375-5M	375	75
380-5M	380	76
385-5M	385	77
390-5M	390	78
400-5M	400	80
405-5M	405	81

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
410-5M	410	82
420-5M	420	84
425-5M	425	85
430-5M	430	86
435-5M	435	87
440-5M	440	88
450-5M	450	90
460-5M	460	92
465-5M	465	93
470-5M	470	94
475-5M	475	95
480-5M	480	96
490-5M	490	98
495-5M	495	99
500-5M	500	100
505-5M	505	101
510-5M	510	102
515-5M	515	103
520-5M	520	104
525-5M	525	105
530-5M	530	106
535-5M	535	107
540-5M	540	108
550-5M	550	110
560-5M	560	112
565-5M	565	113
570-5M	570	114
575-5M	575	115
580-5M	580	116
585-5M	585	117
590-5M	590	118
595-5M	595	119
600-5M	600	120
605-5M	605	121
610-5M	610	122
615-5M	615	123
620-5M	620	124
625-5M	625	125
630-5M	630	126
635-5M	635	127
640-5M	640	128
645-5M	645	129
650-5M	650	130
655-5M	655	131
660-5M	660	132
665-5M	665	133
670-5M	670	134
675-5M	675	135

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
680-5M	680	136
685-5M	685	137
690-5M	690	138
695-5M	695	139
700-5M	700	140
710-5M	710	142
715-5M	715	143
720-5M	720	144
725-5M	725	145
730-5M	730	146
740-5M	740	148
745-5M	745	149
750-5M	750	150
755-5M	755	151
760-5M	760	152
765-5M	765	153
770-5M	770	154
775-5M	775	155
780-5M	780	156
785-5M	785	157
790-5M	790	158
800-5M	800	160
810-5M	810	162
815-5M	815	163
820-5M	820	164
825-5M	825	165
830-5M	830	166
835-5M	835	167
840-5M	840	168
845-5M	845	169
850-5M	850	170
860-5M	860	172
870-5M	870	174
880-5M	880	176
890-5M	890	178
900-5M	900	180
920-5M	920	184
925-5M	925	185
930-5M	930	186
935-5M	935	187
940-5M	940	188
950-5M	950	190
955-5M	955	191
960-5M	960	192
965-5M	965	193
975-5M	975	195
980-5M	980	196
985-5M	985	197

同步带规格、型号、尺寸表

Dimension of Rubber Timing Belts

规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number	规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number	规格 Type	节线长(mm) Pitch Length	齿数 Teeth Number
720-8M	720	90	1160-8M	1160	145	1624-8M	1624	203
728-8M	728	91	1168-8M	1168	146	1640-8M	1640	205
736-8M	736	92	1176-8M	1176	147	1648-8M	1648	206
744-8M	744	93	1184-8M	1184	148	1656-8M	1656	207
760-8M	760	95	1192-8M	1192	149	1680-8M	1680	210
768-8M	768	96	1200-8M	1200	150	1696-8M	1696	212
776-8M	776	97	1208-8M	1208	151	1704-8M	1704	213
784-8M	784	98	1216-8M	1216	152	1720-8M	1720	215
800-8M	800	100	1224-8M	1224	153	1728-8M	1728	216
824-8M	824	103	1232-8M	1232	154	1760-8M	1760	220
832-8M	832	104	1240-8M	1240	155	1768-8M	1768	221
840-8M	840	105	1248-8M	1248	156	1776-8M	1776	222
848-8M	848	106	1256-8M	1256	157	1784-8M	1784	223
856-8M	856	107	1264-8M	1264	158	1792-8M	1792	224
864-8M	864	108	1272-8M	1272	159	1800-8M	1800	225
872-8M	872	109	1280-8M	1280	160	1824-8M	1824	228
880-8M	880	110	1296-8M	1296	162	1840-8M	1840	230
888-8M	888	111	1304-8M	1304	163	1848-8M	1848	231
896-8M	896	112	1312-8M	1312	164	1856-8M	1856	232
912-8M	912	114	1320-8M	1320	165	1872-8M	1872	234
920-8M	920	115	1328-8M	1328	166	1880-8M	1880	235
928-8M	928	116	1344-8M	1344	168	1888-8M	1888	236
936-8M	936	117	1352-8M	1352	169	1896-8M	1896	237
944-8M	944	118	1360-8M	1360	170	1904-8M	1904	238
952-8M	952	119	1368-8M	1368	171	1920-8M	1920	240
960-8M	960	120	1376-8M	1376	172	1936-8M	1936	242
968-8M	968	121	1392-8M	1392	174	1944-8M	1944	243
976-8M	976	122	1400-8M	1400	175	1952-8M	1952	244
984-8M	984	123	1408-8M	1408	176	1960-8M	1960	245
992-8M	992	124	1416-8M	1416	177	2000-8M	2000	250
1000-8M	1000	125	1424-8M	1424	178	2008-8M	2008	251
1008-8M	1008	126	1432-8M	1432	179	2016-8M	2016	252
1016-8M	1016	127	1440-8M	1440	180	2032-8M	2032	254
1032-8M	1032	129	1448-8M	1448	181	2048-8M	2048	256
1040-8M	1040	130	1456-8M	1456	182	2056-8M	2056	257
1048-8M	1048	131	1464-8M	1464	183	2080-8M	2080	260
1056-8M	1056	132	1472-8M	1472	184	2096-8M	2096	262
1064-8M	1064	133	1480-8M	1480	185	2104-8M	2104	263
1072-8M	1072	134	1512-8M	1512	189	2120-8M	2120	265
1080-8M	1080	135	1520-8M	1520	190	2160-8M	2160	270
1088-8M	1088	136	1536-8M	1536	192	2176-8M	2176	272
1096-8M	1096	137	1552-8M	1552	194	2184-8M	2184	273
1104-8M	1104	138	1560-8M	1560	195	2200-8M	2200	275
1112-8M	1112	139	1576-8M	1576	197	2208-8M	2208	276
1120-8M	1120	140	1584-8M	1584	198	2224-8M	2224	278
1128-8M	1128	141	1600-8M	1600	200	2240-8M	2240	280
1136-8M	1136	142	1608-8M	1608	201	2248-8M	2248	281
1152-8M	1152	144	1616-8M	1616	202	2272-8M	2272	284

双面齿同步带

Double-sided Timing Belts



产品介绍

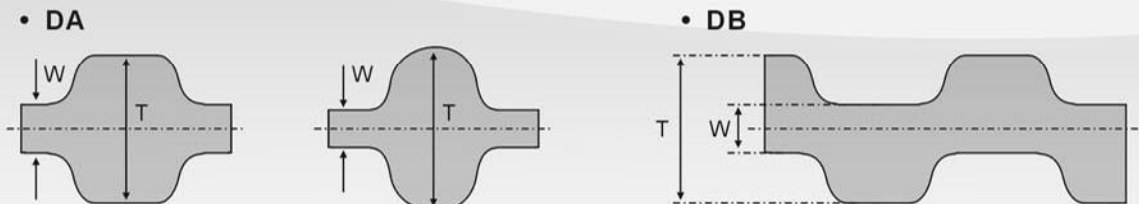
- 双面齿同步带的节距和齿形等同于单面齿同步带的齿形和节距。
- 双面齿同步带按带齿的排布可分为两种标准型式：DA型双面齿同步带，其两面带齿呈对称排列；DB型双面齿同步带，其两面带齿呈交错位置排列。

注：可以根据客户需要来样或图纸定做加工。

Product Introduction

- The pitch and tooth profile of double-sided timing belt are same as the single-sided timing belt.
- Double-sided timing belt has two standard forms: Model DA Symmetrical arrangement of the two-side teeth; Model DB Staggered arrangement of the two-side teeth.

Customer-made producing and processing against samples or drawings are available.



双面齿同步带

Double-sided Timing Belts



结构



氯丁橡胶带身

- 具有良好的耐油脂，耐热和耐老化性能。



玻璃纤维张力层

- 具有高强度，良好的耐屈挠性能和低伸长率。



齿面尼龙布

- 提高了齿的耐磨损性和抗剪切强度。

• Neoprene body

provides protection against oil, grease, heat and aging.

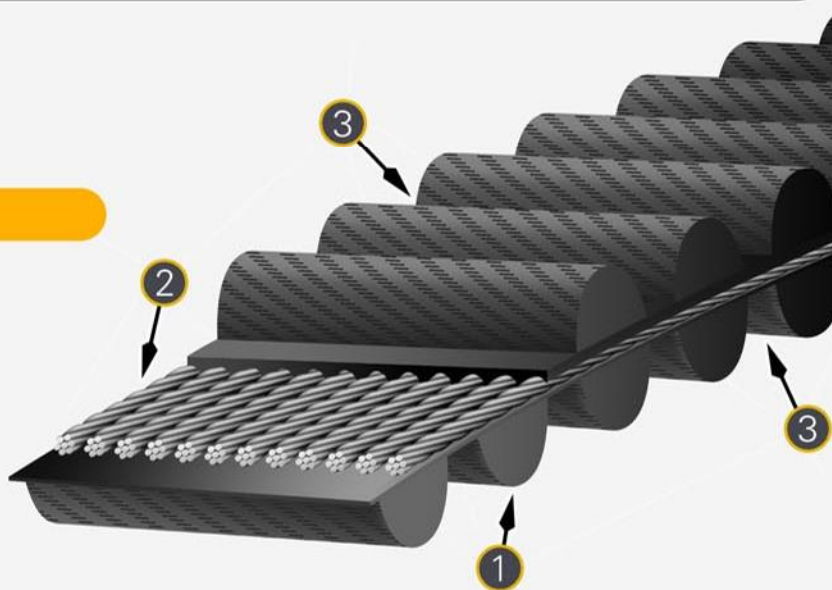
Structure

• Glass Fiber cord

provides high strength, good flexing performance, and low elongation.

• Nylon fabric tooth facing

provides resistance to abrasion and tooth shear.



双面齿同步带规格、型号、尺寸表

Dimension of Double-sided Timing Belts

型号 Type	W (mm)	T (mm)	规格代号 Size	节线长 Pitch Length(mm)	齿数 Teeth Number
D-XL	0.508	3.05	156XL-1300XL	391.16-3302	78-650
D-L	0.762	4.58	180L-1148L	457.2-2914.65	48-306
D-H	1.372	5.95	240H-1700H	609.6-4318	48-340
D-XH	2.794	15.49	507XH-1540XH	1289.05-3911.6	58-176
D-T5	1.00	3.40	T5x390-T5x2220	390-2220	78-444
D-T10	2.00	7.00	T10x460-T10x4280	460-4280	46-428
HTD.DA-3M	0.760	3.10	390-3M-3000-3M	390-3000	130-1000
HTD.DA-5M	1.143	5.26	400-5M-3750-5M	400-3750	80-750
HTD.DA-8M	1.372	8.17	512-8M-4000-8M	512-4000	64-500
HTD.DA-14M	2.80	14.84	1400-14M-4326-14M	14000-4326	100-309
HTD.DA-S5M	0.96	4.25	400-S5M-2800-S5M	400-2800	80-560
HTD.DA-S8M	1.372	7.48	S8M-512-S8M-4000	512-4000	64-500
HTD.DA-S14M	2.8	12.36	1400-S14M-4508-S14M	1400-4508	72-322

橡胶开口同步带

Rubber Open end Timing Belts



产品介绍

- 橡胶开口同步带是基于优质原材料和独特制造工艺生产的橡胶同步带，特别适用于直线运动系统，广泛应用于自动门、数控机床、印刷机械等设备中。
- 高负载能力、低噪音及免维护使得橡胶开口同步带完美应用于直线运动系统中。
- 本公司现提供采用螺旋切割方式生产的橡胶开口同步带。

Product Introduction

- Rubber open end timing belts are rubber based timing belts manufactured with high quality materials and unique fabrication technology. Especially suitable for linear motion systems, typically applies in: Automatic doors, CNC Machine tools, Printers etc.
- High load capacity, low noise and no maintenance make this belt a perfect performance in linear motion systems.
- CSHBELT rubber open end timing belts produced in spiral cut.

橡胶开口同步带

Rubber Open end Timing Belts



结构



氯丁橡胶带身

- 具有良好的耐油脂，耐热和耐老化性能。



玻璃纤维张力层

- 具有高强度，良好的耐屈挠性能和低伸长率。



齿面尼龙布

- 提高了齿的耐磨损性和抗剪切强度。

• Neoprene body

provides protection against oil, grease, heat and aging.

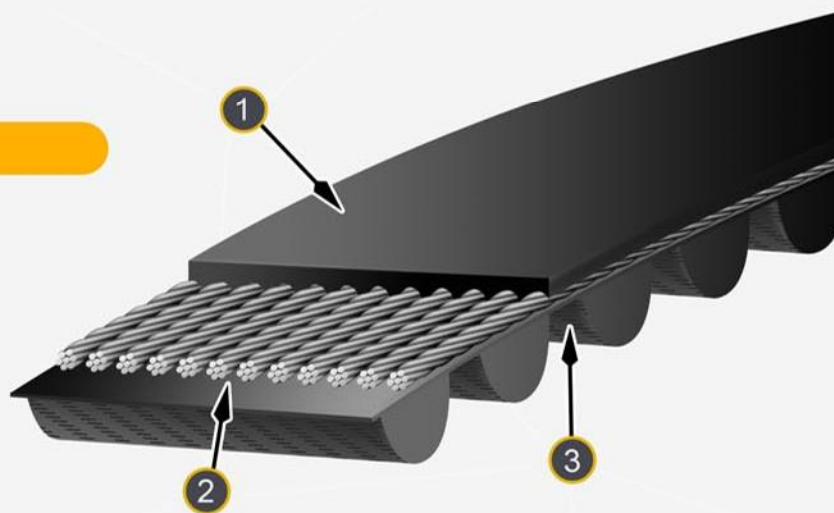
∴ Structure

• Glass Fiber cord

provides high strength, good flexing performance, and low elongation.

• Nylon fabric tooth facing

provides resistance to abrasion and tooth shear.



∴ 橡胶开口同步带规格、型号、尺寸表

Dimension of Rubber Open end Timing Belts

标准宽度 Width(inch)	卷长 Roll Length(m)	标准宽度 Width(inch)	卷长 Roll Length(m)	标准宽度 Width(inch)	卷长 Roll Length(m)	标准宽度 Width(inch)	卷长 Roll Length(m)
MXL		XL		L		H	
025	95*2	025	80*2	037	135	050	140
031	80*2	031	135	050	100	062	115
037	130	037	110	062	80	075	95
050	95	050	80	075	65	100	70

标准宽度 Width(mm)	卷长 Roll Length(m)	标准宽度 Width(mm)	卷长 Roll Length(m)	标准宽度 Width(mm)	卷长 Roll Length(m)	标准宽度 Width(mm)	卷长 Roll Length(m)
T2.5		T5		T10		RPP8M	
6	55	10	110	10	90	10	85
9	39	15	70	15	60	12	70
12	27	20	55	20	45	15	55
HTD2M		HTD3M		HTD5M		HTD8M	
6	105*2	6	115	9	135	10	75*2
9	140	9	75	10	120	12	130
10	125	10	70	12	100	15	105
12	105	12	55	15	80	20	75
15	84	15	45	20	60	25	60
20	63	20	35	25	45	30	50
S2M		S3M		S5M		S8M	
6	110*2	6	120	9	135	10	75*2
9	75*2	9	80	10	120	12	130
10	135	10	70	12	100	15	105
12	110	12	60	15	80	20	75
15	90	15	48	20	60	25	60
20	65	20	35	25	45	30	50

橡胶多楔带

Ribbed V Belts

产品介绍

- 橡胶多楔带兼有V带和平带二者的优点，既有平带的柔软、强韧的特点，又有V带紧凑、高效等优点。

它的主要特点如下：

- 1、传动功率大，空间相同时比普通V带的传动功率约高30%；
- 2、传动系统结构紧凑，在相同的传动功率情况下，传动装置所占空间比普通V带小25%；
- 3、带体薄，富有柔软性，适应带轮直径小的传动，也适应高速传动，带速可达40m/s；发热少，运转平稳；
- 4、耐热、耐油、耐磨，使用伸长小，寿命长。

Product Introduction

- With characters of V belts and flat belts, Ribbed V Belts has soft and tough property as flat belt and tight and effective property as V belt.

Characters:

- 1. The transmission power is so high that 30% higher than common V belts at the same space.
- 2. With tight transmission system, at the same transmission power, its occupied space is 25% smaller than common V belt.
- 3. Flat and soft belt is suitable for not only transmission of small pulley but also high-speed transmission with speed of 40M/S besides; its characteristics as few heat diverge and steady working.
- 4. Anti-heat, anti-oil, anti-wearing out, few elongation and long life.



结构



氯丁橡胶带身

- 具有良好的耐油脂，耐热和耐老化性能。



玻璃纤维张力层

- 具有高强度，良好的耐屈挠性能和低伸长率。

Structure

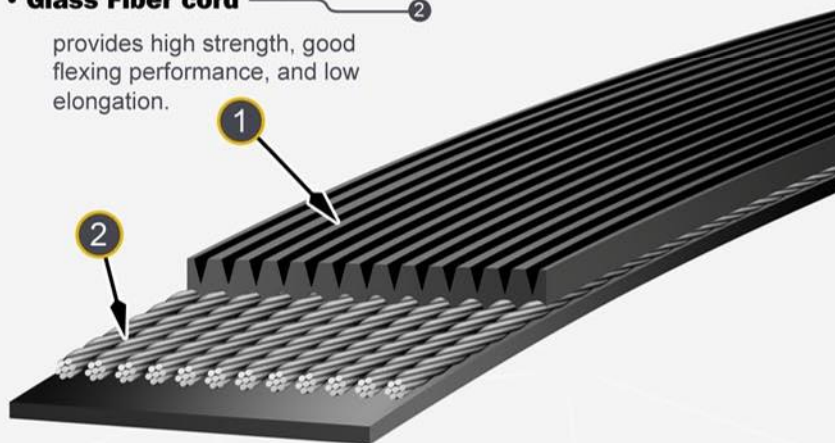
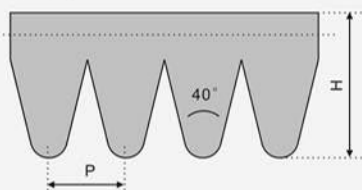
• Neoprene body

provides protection against oil, grease, heat and aging.

• Glass Fiber cord

provides high strength, good flexing performance, and low elongation.

截面图 / Dimension of section



订购示例 Order Example

3 - PK - 1038

有效长度 Valid length(mm)

型号 Type

楔数 Rib number

规格 Type	楔距 Pb(mm)	带高 H(mm)	楔角 a° ± 0.5
PH	1.6	3	40
PJ	2.34	4	40
PK	3.56	6	40
PL	4.7	10	40
PM	9.4	17	40

注：可以根据客户需要来样或图纸定做加工。

Customer-made producing and processing against samples or drawings are available.

橡胶多楔带

Ribbed V Belts

规格 Type	有效长度(mm) Valid Length	规格 Type	有效长度(mm) Valid Length	规格 Type	有效长度(mm) Valid Length	规格 Type	有效长度(mm) Valid Length
PH		PJ		PJ		PK	
PH-205	205	PJ-260	260	PJ-535	535	PK-560	560
PH-216	216	PJ-265	265	PJ-540	540	PK-585	585
PH-229	229	PJ-270	270	PJ-545	545	PK-590	590
PH-241	241	PJ-275	275	PJ-550	550	PK-595	595
PH-250	250	PJ-280	280	PJ-555	555	PK-630	630
PH-267	267	PJ-285	285	PJ-604	604	PK-700	700
PH-579	579	PJ-290	290	PJ-616	616	PK-712	712
PH-305	305	PJ-295	295	PJ-630	630	PK-722	722
PH-330	330	PJ-300	300	PJ-640	640	PK-728	728
PH-356	356	PJ-305	305	PJ-660	660	PK-735	735
PH-381	381	PJ-310	310	PJ-676	676	PK-750	750
PH-406	406	PJ-315	315	PJ-680	680	PK-760	760
PH-432	432	PJ-320	320	PJ-719	719	PK-770	770
PH-457	457	PJ-325	325	PJ-752	752	PK-780	780
PH-483	483	PJ-330	330	PJ-770	770	PK-800	800
PH-508	508	PJ-335	335	PJ-790	790	PK-813	813
PH-533	533	PJ-340	340	PJ-801	801	PK-820	820
PH-559	559	PJ-345	345	PJ-809	809	PK-830	830
PH-580	580	PJ-350	350	PJ-849	849	PK-840	840
PH-610	610	PJ-355	355	PJ-863	863	PK-847	847
PH-660	660	PJ-360	360	PJ-885	885	PK-850	850
PH-711	711	PJ-365	365	PJ-893	893	PK-865	865
PH-737	737	PJ-370	370	PJ-951	951	PK-870	870
PH-762	762	PJ-375	375	PJ-965	965	PK-875	875
PH-787	787	PJ-380	380	PJ-996	996	PK-880	880
PH-813	813	PJ-385	385	PJ-1018	1018	PK-888	888
PH-860	860	PJ-390	390	PJ-1039	1039	PK-890	890
PH-889	889	PJ-395	395	PJ-1048	1048	PK-918	918
PH-916	916	PJ-400	400	PJ-1081	1081	PK-920	920
PH-940	940	PJ-405	405	PJ-1086	1086	PK-925	925
PH-965	965	PJ-410	410	PJ-1103	1103	PK-935	935
PH-991	991	PJ-415	415	PJ-1112	1112	PK-945	945
PH-1016	1016	PJ-420	420	PJ-1126	1126	PK-950	950
PH-1041	1041	PJ-425	425	PJ-1170	1170	PK-960	960
PH-1067	1067	PJ-430	430	PJ-1196	1196	PK-970	970
PH-1092	1092	PJ-435	435	PJ-1216	1216	PK-975	975
PH-1118	1118	PJ-440	440	PJ-1256	1256	PK-980	980
PH-1143	1143	PJ-445	445	PJ-1281	1281	PK-981	981
PH-1168	1168	PJ-450	450	PJ-1315	1315	PK-985	985
PH-1245	1245	PJ-455	455	PJ-1381	1381	PK-990	990
PH-1321	1321	PJ-460	460	PJ-1386	1386	PK-995	995
PH-1335	1335	PJ-465	465	PJ-1422	1422	PK-1000	1000
PH-1346	1346	PJ-470	470	PJ-1476	1476	PK-1005	1005
PH-1372	1372	PJ-475	475	PJ-1523	1523	PK-1010	1010
PH-1397	1397	PJ-480	480	PJ-1560	1560	PK-1015	1015
PH-1461	1461	PJ-485	485	PJ-1600	1600	PK-1100	1100
PH-1473	1473	PJ-490	490	PJ-1686	1686	PK-1110	1110
PH-1590	1590	PJ-495	495	PJ-1812	1812	PK-1115	1115
PH-1651	1651	PJ-500	500	PJ-1889	1889	PK-1120	1120
PH-1753	1753	PJ-505	505	PJ-1997	1997	PK-1125	1125
PH-1850	1850	PJ-510	510	PJ-2016	2016	PK-1130	1130
PH-1930	1930	PJ-515	515	PJ-2066	2066	PK-1135	1135
PH-1956	1956	PJ-520	520	PJ-2096	2096	PK-1140	1140
PH-2083	2083	PJ-525	525	PJ-2116	2116	PK-1145	1145
PH-2130	2130	PJ-530	530	PJ-2195	2195	PK-1150	1150

橡胶多楔带

Ribbed V Belts

规格 Type	有效长度(mm) Valid Length
PK	
PK-1155	1155
PK-1160	1160
PK-1165	1165
PK-1170	1170
PK-1175	1175
PK-1180	1180
PK-1200	1200
PK-1210	1210
PK-1220	1220
PK-1230	1230
PK-1240	1240
PK-1250	1250
PK-1270	1270
PK-1280	1280
PK-1290	1290
PK-1300	1300
PK-1340	1340
PK-1345	1345
PK-1350	1350
PK-1355	1355
PK-1360	1360
PK-1370	1370
PK-1380	1380
PK-1390	1390
PK-1400	1400
PK-1410	1410
PK-1420	1420
PK-1425	1425
PK-1430	1430
PK-1440	1440
PK-1450	1450
PK-1460	1460
PK-1470	1470
PK-1480	1480
PK-1490	1490
PK-1500	1500
PK-1510	1510
PK-1530	1530
PK-1535	1535
PK-1550	1550
PK-1560	1560
PK-1570	1570
PK-1580	1580
PK-1590	1590
PK-1600	1600
PK-1610	1610
PK-1620	1620
PK-1630	1630
PK-1640	1640
PK-1650	1650
PK-1660	1660
PK-1670	1670
PK-1680	1680
PK-1690	1690
PK-1700	1700

规格 Type	有效长度(mm) Valid Length
PK	
PK-1705	1705
PK-1710	1710
PK-1720	1720
PK-1725	1725
PK-1730	1730
PK-1740	1740
PK-1750	1750
PK-1760	1760
PK-1770	1770
PK-1780	1780
PK-1790	1790
PK-1800	1800
PK-1805	1805
PK-1810	1810
PK-1815	1815
PK-1820	1820
PK-1825	1825
PK-1830	1830
PK-1840	1840
PK-1850	1850
PK-1860	1860
PK-1870	1870
PK-1875	1875
PK-1880	1880
PK-1885	1885
PK-1920	1920
PK-1930	1930
PK-1940	1940
PK-2005	2005
PK-2015	2015
PK-2020	2020
PK-2025	2025
PK-2030	2030
PK-2040	2040
PK-2045	2045
PK-2050	2050
PK-2055	2055
PK-2065	2065
PK-2070	2070
PK-2075	2075
PK-2080	2080
PK-2090	2090
PK-2100	2100
PK-2115	2115
PK-2120	2120
PK-2125	2125
PK-2130	2130
PK-2140	2140
PK-2150	2150
PK-2160	2160
PK-2170	2170
PK-2175	2175
PK-2180	2180
PK-2190	2190
PK-2200	2200

规格 Type	有效长度(mm) Valid Length
PK	
PK-2245	2245
PK-2300	2300
PK-2310	2310
PK-2315	2315
PK-2320	2320
PK-2330	2330
PK-2340	2340
PK-2350	2350
PK-2360	2360
PK-2370	2370
PK-2380	2380
PK-2390	2390
PK-2400	2400
PK-2405	2405
PK-2410	2410
PK-2415	2415
PK-2420	2420
PK-2430	2430
PK-2450	2450
PK-2460	2460
PK-2470	2470
PK-2480	2480
PK-2490	2490
PK-2500	2500
PK-2510	2510
PK-2520	2520
PK-2540	2540
PK-2550	2550
PK-2560	2560
PK-2570	2570
PK-2580	2580
PK-2590	2590
PK-2600	2600
PK-2610	2610
PK-2620	2620
PK-2630	2630
PK-2640	2640
PK-2650	2650
PK-2660	2660
PK-2670	2670
PK-2675	2675
PK-2680	2680
PK-2685	2685
PK-2690	2690
PK-2695	2695
PK-2700	2700
PK-2705	2705
PK-2710	2710
PK-2720	2720
PK-2730	2730
PK-2740	2740
PK-2750	2750
PK-2760	2760
PK-2770	2770
PK-2780	2780

规格 Type	有效长度(mm) Valid Length
PL	
PL-663	663
PL-686	686
PL-702	702
PL-753	753
PL-792	792
PL-830	830
PL-859	859
PL-880	880
PL-925	925
PL-959	959
PL-1022	1022
PL-1069	1069
PL-1086	1086
PL-1138	1138
PL-1160	1160
PL-1226	1226
PL-1260	1260
PL-1298	1298
PL-1369	1369
PL-1405	1405
PL-1459	1459
PL-1506	1506
PL-1565	1565
PL-1628	1628
PL-1682	1682
PL-1707	1707
PL-1795	1795
PL-1814	1814
PL-1900	1900
PL-1950	1950
PL-2000	2000
PL-2105	2105
PL-2170	2170
PL-2220	2220
PL-2350	2350
PL-2400	2400
PL-2500	2500
PL-2650	2650
PL-2600	2600
PL-2620	2620
PL-2650	2650
PL-2700	2700
PL-2750	2750
PL-2780	2780
PL-2800	2800
PL-2830	2830
PL-2850	2850
PL-2860	2860
PL-2880	2880
PL-2900	2900
PL-2930	2930
PL-2950	2950
PL-2960	2960
PL-2990	2990
PL-3000	3000

橡胶平带

Rubber Flat Belts

产品介绍

- 本公司生产的高速环形橡胶平带采用高强度、伸长率小、耐屈挠性能良好的骨架材料为强力层，传动能力强，抗拉强度高，可采用较大的初张紧力；胶料采用高质量的进口氯丁橡胶，耐热、耐油、耐疲劳、耐磨性能好，使用寿命长，是应用最多最理想的一种高速传动平带。

Product Introduction

- Employing reinforcement with high intensity, slight elongation and anti-wearing out as strong base, high-speed rubber flat belt is characteristic as strong transmission power and anti-wearing out. Employing imported chloroprene rubber, with anti-heat, anti-oil, anti-wearing out and long life. Thus it becomes most satisfactory high-speed transmission flat belt.



结构



氯丁橡胶带身

- 具有良好的耐油脂，耐热和耐老化性能。



玻璃纤维张力层

- 具有高强度，良好的耐屈挠性能和低伸长率。

Structure

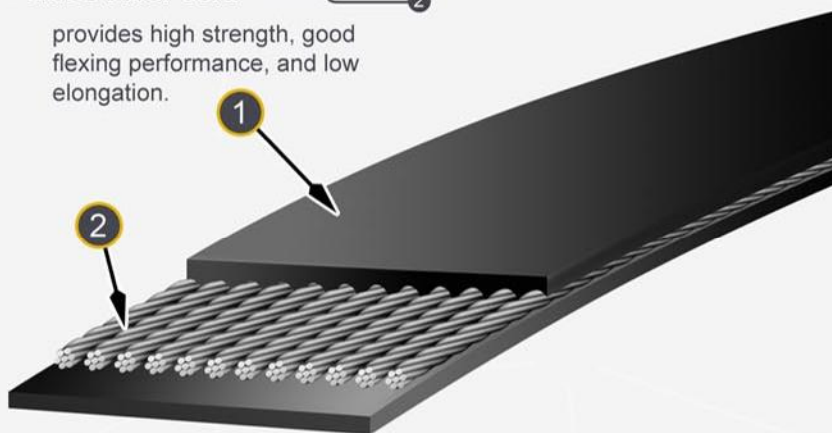
• Neoprene body

provides protection against oil, grease, heat and aging.



• Glass Fiber cord

provides high strength, good flexing performance, and low elongation.



订购示例

Order Example

1200 FL 25 x 2

带厚 Thickness(mm)
带宽 Width(mm)
平带代号 Flat belt
内周长 Inner length(mm)

平带内周长尺寸表
Dimension of Rubber Flat Belts

内周长 Inner Length(mm)									
295	430	534	660	790	922	1050	1200	1415	1734
310	445	545	675	805	940	1090	1230	1445	1850
325	460	555	690	820	967	1100	1250	1470	2450
340	475	565	707	842	980	1130	1280	1495	
370	490	580	725	850	1000	1150	1300	1530	
385	505	595	745	865	1025	1170	1330	1565	
400	520	625	760	880	1030	1180	1350	1600	
415	533	645	775	900	1040	1190	1390	1650	

注：可以根据客户需要来样或图纸定做加工。

Customer-made producing and processing against samples or drawings are available.

同步带选型参考

Timing Belts Select Reference

性能表 / Performance Table

项目 Item		梯形齿 T type timing belt					圆形齿 Arc tooth timing belt				
		XL	L	H	XH	XXH	3M	5M	8M	14M	20M
拉伸强度 Tensile strength, \geq N/mm		80	120	270	380	450	90	160	300	400	520
参考力伸长率 Elongation at reference load	参考力 Reference load, N/mm	60	90	220	300	360	70	130	240	320	410
	伸长率 Elongation, \leq %	4.0									
包布粘合强度 Adhesion strength of nylon fabric, \geq N/mm		5	6.5	8	10	12	-	6	10	12	15
芯绳粘合强度 Adhesion strength of cord, \geq N/mm		200	300	600	800	1500	-	400	700	1200	1600
齿体剪切强度 Gear shearing intensity, \geq N/mm		50	60	70	75	90	-	50	60	80	100

最小弯曲直径 / Minimum Bending Diameter

表1	同步带类型 Timing belt type	节距代号 Pitch type	允许地最小弯曲直径 D(mm) Min bending diameter allowable
	梯形同步带 T type timing belt	MXL,T2.5	15
		XL,T5	15
		AT5,L,T10	20
		AT10,H	40
		XH,T20	70
		XXH,20M	100
	圆弧同步带 Arc tooth timing belt	S2M,S3M,3M,RPP2M,RPP3M	15
		S4.5M,S5M,5M,RPP5M	25
		S8M,8M,RPP8M	40
		S14M,14M,RPP14M	80

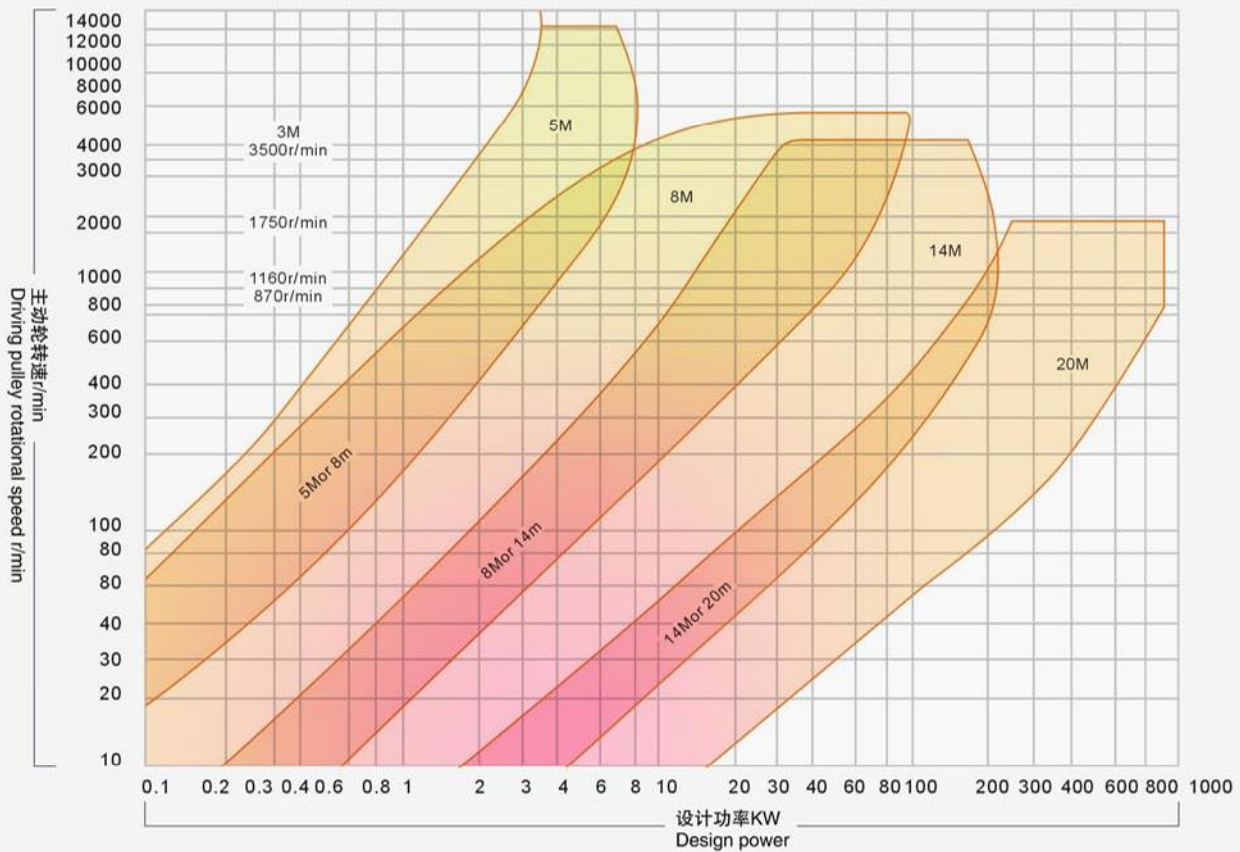
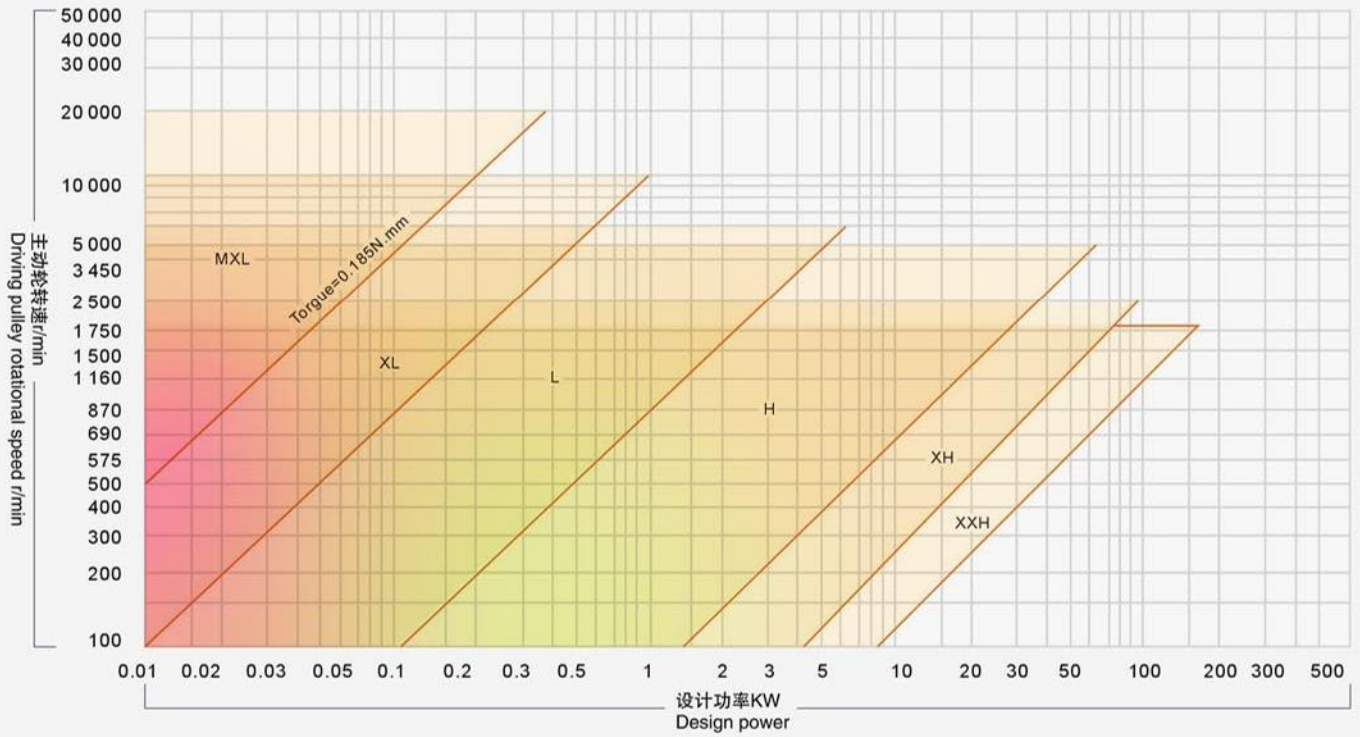
同步带推荐标准宽度尺寸表

Recommended Standard Width Range of Timing Belt

型号 Type	标准宽度(英寸) Width(inch)	型号 Type	标准宽度(毫米) Width(mm)	型号 Type	标准宽度(毫米) Width(mm)
MXL	012-019-025	T5	6-10-16-25	HTD3M/S3M/RPP3M	6-9-15
XL	025-031-037	AT5	6-10-16-25	HTD5M/S5M/RPP5M	9-15-25
L	050-075-100	T10	16-25-32-50	S4.5M	9-15-25-30
H	075-100-150-200-300	AT10	16-25-32-50	HTD8M/S8M/RPP8M	20-30-50-85
XH	200-300-400	T20	32-50-75-100-150	HTD14M/S14M/RPP14M	40-55-85-115-170
XXH	200-300-400-500	AT20	32-50-75-100-150	HTD20M	70-85-115-170-230-290-340

同步带选型参考

Timing Belts Select Reference



几种常用的传动性能比较

Compare Several Common's Power Transmission Property

性能 Property	同步带 Timing belts	三角带 V belt	平皮带 Flat belt	链条 Chain	齿 轮 Gear	同步带传动具有性能的原因 Reason
传动确定, 无滑移 Driving determined & no slip	好 good	差 bad	差 bad	好 good	好 good	齿带与带轮啮合传动, 中心骨架保证节距不变, 传动不依靠摩擦。 Belt & pulley bite transmission the center cord proof the pitch transmission do not depend on friction.
瞬时速均匀, 同步性好 Instantaneous speed uniform & good synchronous property	好 good	差 bad	差 bad	差 bad	好 good	
速比范围 Speed ratio range	大 large	大 large	中 medium	大 large	中 medium	
允许线速度 Allowable linear speed	高 high	中 medium	中 medium	低 low	中 medium	质轻、带薄、柔软性好、抗张强度高 Light, thin, good snappy & high tensile energy
传动噪声 Transmission noise	小 small	小 small	小 small	大 large	中 medium	传动接触为橡胶与金属 Transmission contact is rubber & metal
功率/重量比值 Power/proportion by weight	大 large	中 medium	中 medium	小 small	中 medium	胶带薄而韧, 传动中心距短, 带轮直径小, 可用塑料及轻金属。 Belt thin & snappy short center distance, small diameter of pulley, can use plastics & light-metal.
传运功率 Transmission power	中 medium	中 medium	中 medium	中 medium	大 large	受橡胶及中心骨架层强度的限制 Depend on rubber center cord.
效率 Efficiency	98%~99.5%	85%~95%	85%~95%	96%~98%	98%~99%	滑动摩擦损失少 Can slip, little friction loss
初张紧力 Initial tension	小 small	大 large	大 large	小 small	-	不依靠摩擦传动, 不需很大张紧力 Do not depend friction, do not need big tension
轴承压力 Bearing pressure	小 small	大 large	大 large	小 small	小 small	初张紧力小 Initial tension is small
突然超载及耐冲击性能 Abrupt over load & shock resistance	中 medium	好 good	好 good	差 bad	中 medium	弹性体能吸收冲击 Elastomer sink impulse
低速时转矩大、不需润滑 Large torque of lower speed, without lubrication	好 good	好 good	好 good	差 bad	差 bad	传动接触为橡胶与金属 Transmission contact is rubber & metal
寿命 Life	长 long	长 long	长 long	中 medium	长 long	耐磨损 Abrasion durability
维修 Service	简便 easy	简便 easy	简便 easy	不方便 change	不方便 change	系标准件, 更换方便 Standard body, easy to change
防污秽和灰尘 Anti-fouling & dust	好 good	好 good	好 good	中 medium	差 bad	橡胶材料特点 Rubber material feature
安装误差对传动性能影响 Effect of installment error	大 large	中 medium	小 small	中 medium	大 large	两轴平等度要求高, 必要时可装张紧轮调整 High requirement of two axes parallelism, can use tension pulley to adjust when needed.

带传动的安装及维护

The Installation and Maintenance of Belt Drive

一、带传动的正确安装

- (1) 关掉电源，卸下防护罩，旋松马达的装配螺栓。移动马达使皮带足够松弛，不需撬开就能取下皮带，千万不要把皮带撬下来。
- (2) 取下旧皮带，检查是否有异常磨损。过度的磨损可能就意味着传动装置的设计或保养上存在问题。
- (3) 选择合适的皮带替换。
- (4) 清洁皮带及皮带轮，应将抹布沾少许易挥发的液体擦试，在清洁剂中浸泡或者使用清洁剂刷洗皮带均是不可取的。为除去油污及污垢，用砂纸擦或用尖锐的物体刮，显然也是不可取的。皮带在安装使用前必须保持干燥。
- (5) 检查皮带轮是否有异常磨损或裂纹，如果磨损过量，则必须更换带轮。
- (6) 检查带轮是否成直线对称。皮带轮成直线对称于传动带特别是同步皮带传动装置的运转是至关重要的。（见图1）
- (7) 检查其余的传动装置部件，如轴承和轴套的对称，耐用性及润滑情况等。
- (8) 在皮带轮上安装新的皮带，绝不要撬或用力过猛。
- (9) 调紧传动装置的中心距，直至张力测量仪测出皮带张力适当为止。用手转几圈主动轮，重测张力。
- (10) 拧紧马达的装置螺栓，纠正扭矩。由于传动装置在动作时任何变化都会导致皮带性能不良，故务必要确保所有传动装置部件均已拧紧。
- (11) 启动装置并观察皮带性能，察看是否有异常振动，细听是否有异常噪音。最好是关掉机器，检查轴承及马达的状况；若是摸上去觉得太热，可能是皮带太紧，或是轴承不对称，或润滑不正确。

二、带和带轮的维护

- (1) 传动带不应折扭和急剧弯曲，同步带的最小弯曲直径见P32附表。
- (2) 在贮存和运输过程中，避免阳光直射、雨雪浸淋；防止与酸、卤、有机溶剂、水蒸气等影响产品性能的物质接触。
- (3) 常温下贮存，一般温度-20~50℃；并距热源至少一米以外。
- (4) 贮存期间要防止承受过大的重量而变形，不得折压堆放，不得将带直接放在地上，应将带悬挂在架子或平整地放在货架上。
- (5) 带轮成品应在干燥和通风的环境中贮存和运输，带轮成品应进行防锈处理。
- (6) 带传动应加防护罩，并保证通风和排污。

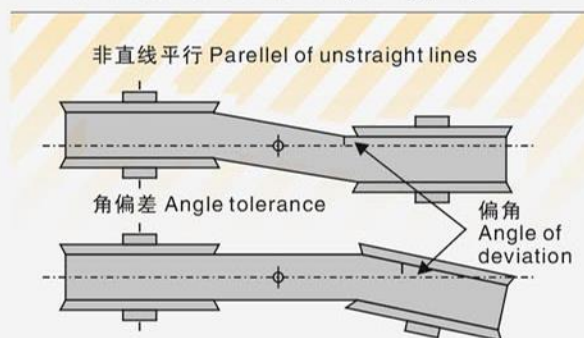
The correct installation of belt

- (1) Switch off the power, remove the protective cap, loosen the assembly bolt. Move the motor to make the belt loose, you can take off the belt without prying, prying the belt off is not allowed.
- (2) Take off the old belt, then check if there is any abnormal wear and tear. Excessive wear and tear may indicate there are some problems with the design or maintenance.
- (3) Choose the proper belt for changing.
- (4) Clean the belt and the pulley, use a cloth with some liquid which can't volatilize easily to wipe. Soaking in the cleanser or brush the belt with cleanser are not good; use the sand paper or sharp subject to scratch are not Proper. The belt must be dry before using.
- (5) Check the pulley if there is any abnormal wear and tear or crack, if the wear and tear is excessive, the pulley must be Changed.
- (6) Check the pulley to see if it is symmetrical of straight line, this is very important for the performance of the transmission especially for timing belt drive.
- (7) Check the rest parts of the driving device, for example, the symmetry of the bearing and the bearing boot, durability and lubrication, etc.
- (8) When installing a new belt on the pulley, prying or using too much force is not allowed.
- (9) Adjust and tighten the central distance of the driving device, until the tension is puoper measured by the tension gauge. Use hand to roate the driving pulley for several rounds and measures the tension again.
- (10) Tighten the assembly bolt of the motor, correct the torque, because any change of the central distance will cause the bad property of the belt. Please ensure the driving device ate all tightened.
- (11) Switch on the power and observe the property of the belt if there is any unusual vibration, listen carefully to see if there are any unusual noises. If yes you'd better turn off the machine, then check the condition of bearing and motor, if the temperature is very high, maybe because the belt is too tight or the bearing is not symmetrical, or the lubrication is not correct.

The maintance of belt and pulley

- (1) The belt can't be crimped and bend sharply, the minimum bending diameter see the figure in P32.
- (2) During the process of the storage and transportation, keep the belt and the pulley out of direct sunlight, not get wet form rain and snow, prevent it from touching the acid, alkali, organic solvent and steam etc, which can influence property of the belt.
- (3) Storage under the usual temperature, form-20~50℃, and keep it away from heat source at lest 1 meter.
- (4) During the storage, it can't be piled up, for the weight might cause the change of the shape, and it can't be placed on the ground Directly, it should be hanged on the shelf or put on the shelf.
- (5) The finished pulley should be stored ;and transported under a dry and ventilated environment, and the anti-rust processing is also needed.
- (6) The belt driving device should have a protective cap, and the discharge of the pollution and ventilation must be assured.

图1 皮带轮不对称图示 / Non-symmetry pulleys



同步带失效的原因及纠正措施

The Reasons and Corrective Measure of Belt Failure

失效模式 The mode of failure	原因 Reasons	
带断裂 Belt crack	<ol style="list-style-type: none"> 1、过载； 2、从动轮惯性过大； 3、带轮直径过小； 4、预紧力过大； 5、带折扭，操作不良； 6、过大的冲击载荷； 7、带爬上挡圈； 8、碎片或外来物体落入传动装置内。 	<ol style="list-style-type: none"> 1、Overload 2、The inertia of the driving pulley is too much. 3、The diameter of the pulley is too small. 4、The initial tension is too much. 5、Folding and twisting of the belt for improper operation. 6、The shock load is too much. 7、The belt climbs to the protective ring. 8、Broken pieces or other matters fall into the driving device.
带边过度磨损 Excessive wear and tear of the belt sides	<ol style="list-style-type: none"> 1、带轮不平行； 2、轴承部位，刚度不够； 3、挡圈弯曲； 4、挡圈表面粗糙； 5、带碰触传动装置的防护挡板或支架。 	<ol style="list-style-type: none"> 1、Pulleys are not parallel. 2、The rigidity of the bear is not enough. 3、The protective ring is out of shape. 4、The rough surface of the protective ring. 5、The belt touches the protective fender or stand of the gear.
带齿过度磨损 Excessive wear and tear of the belt teeth	<ol style="list-style-type: none"> 1、过载； 2、预紧力过大； 3、轮齿表面粗糙； 4、带轮严重径向跳动； 5、粉尘沙粒； 6、剧烈振动； 7、过多污物落入传动装置内。 	<ol style="list-style-type: none"> 1、Overload. 2、Too much initial tension. 3、The rough surface of the groove. 4、Severe vertical jump of the pulley. 5、Dust or pieces of sand. 6、Violent vibration. 7、Too much pollutant fall into the groove.
带齿剪断 Teeth cutting	<ol style="list-style-type: none"> 1、过载或过大冲击载荷； 2、啮合齿数不够，小于6个齿啮合或带齿数是轮齿数的倍数； 3、预紧力过小； 4、带轮直径过小； 5、环境温度过高或油等其它杂物混入； 6、受到意外事故停转，负荷突然增大。 	<ol style="list-style-type: none"> 1、Overload or the shock load is too much. 2、The meshing teeth are not enough, less than 6 meshing teeth or the numbers of belt teeth is the multiple of the pulley teeth. 3、The initial tension is not enough. 4、The diameter of the pulley is too small. 5、The environmental temperature is too high or oil and other things get in. 6、It shut down because of unexpected accident. The load enlarge suddenly.
带纵裂 Vertical crack of belt	<ol style="list-style-type: none"> 1、带跑出带轮； 2、带跑偏到挡圈上； 3、安装时带切在挡圈上。 	<ol style="list-style-type: none"> 1、Belt runs out of the pulley. 2、Belt runs to the protective ring. 3、When installing, the belt set on the protective ring.
带伸长 Belt stretch	<ol style="list-style-type: none"> 1、轴承未可靠固定，运行时中心距变小； 2、带抗拉层松动； 3、张紧轮松动； 4、带轮磨损； 5、过载。 	<ol style="list-style-type: none"> 1、The bear is not fixed well, then the central distance reduced when it works. 2、The tensile members are loose. 3、The tensioning pulley gets loose. 4、Pulley wears. 5、Overload.
带背面裂纹或带变软 Crack of the belt back or of the belt becomes soft	<ol style="list-style-type: none"> 1、环境温度过高。 	<ol style="list-style-type: none"> 1、The environmental temperature is too high
运行噪音过大 Too much running noise	<ol style="list-style-type: none"> 1、过载； 2、预紧力过大； 3、带轮不平行； 4、带直径比带宽小； 5、带带轮啮合不良。 	<ol style="list-style-type: none"> 1、Overload. 2、The initial tension is too high. 3、The pulleys are not parallel. 4、The diameter of the pulley is less than the belt width. 5、Belt can not mesh well with the belt teeth.

纠正措施 Corrective measures	
<ul style="list-style-type: none"> 1、检查设计，选择正确带宽； 2、选择正确的带轮； 3、重新设计传动啮合齿数； 4、调整合适的预紧力； 5、储存运输安装细心操作； 6、防止意外故障，变更设计； 7、调整轴平等度，检查挡圈； 8、清理污物和检查防护挡板。 	<ul style="list-style-type: none"> 1、Check the design, choose the correct belt width. 2、Choose the correct pulley 3、Redesign numbers of the meshing teeth. 4、Asjust the proper initial tension. 5、Careful operation when storing and transporting. 6、Prevent unexpected accident from happening, change the design. 7、Adjust the parallelism of the axis, check the protective ring. 8、Clean the pollutant and check the protective fender.
<ul style="list-style-type: none"> 1、调整平行度； 2、增加刚度，确实固定； 3、修正或更换挡圈； 4、修正或更换挡圈； 5、检查防护挡板或支架。 	<ul style="list-style-type: none"> 1、Adjust the parallelism. 2、Strengthen the rigidity and make it fixed. 3、Correct or change the protective ring. 4、Correct or change the protective ring. 5、Check the protective fender or stand.
<ul style="list-style-type: none"> 1、检查设计，选择正确带宽； 2、调整合适的预紧力； 3、检查、调整表面粗糙度； 4、检查、调整径向圆跳动； 5、避免杂物混入； 6、调整结构或使用减振装置； 7、清理污物。 	<ul style="list-style-type: none"> 1、Check the design, choose the proper belt width. 2、Adjust to proper initial tension. 3、Check and adjust the roughness of the groove's surface. 4、Check and adjust the vertical jump. 5、Avoild other things enter. 6、Adjust the structure or use devices to reduce the vibration. 7、Clear pollutant.
<ul style="list-style-type: none"> 1、检查设计； 2、检查设计，使带齿数为奇数； 3、调整预紧力； 4、增大带轮直径； 5、改变环境温度，使用防护罩； 6、检查设备，防止再次发生意外事故。 	<ul style="list-style-type: none"> 1、Check the design. 2、Check the design, and make the number of the teeth be an odd. 3、Adjust the initial tension. 4、Enlarge the diameter of the pulley. 5、Change the environment temperature and use a protective cap. 6、Check the devices, prevent the accident from happening.
<ul style="list-style-type: none"> 1、调整平行度； 2、调整平行度，检查挡圈； 3、安装时注意。 	<ul style="list-style-type: none"> 1、Adjust the parallelism. 2、Asjust the parallelism and check the protective ring. 3、Careful installation
<ul style="list-style-type: none"> 1、安装时注意事项或设计时改进结构； 2、更换带； 3、检查张紧轮，安装时注意； 4、更换带轮； 5、检查设计，改变带宽。 	<ul style="list-style-type: none"> 1、Careful installation or improve the structure when designing. 2、Change the belt. 3、Check the tensioning pulley careful when installation. 4、Change the pulley. 5、Check the design, change the belt width.
<ul style="list-style-type: none"> 1、改变环境温度。 	<ul style="list-style-type: none"> 1、Change the environmental temperature
<ul style="list-style-type: none"> 1、检查设计； 2、调整预紧力； 3、调整平行度，安装时校准； 4、检查设计； 5、检查带和带轮。 	<ul style="list-style-type: none"> 1、Change the design. 2、Adjust the initial tension. 3、Adjust the parallelism, make it accurate when installing. 4、Check the design. 5、Check the belt and pulley.

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