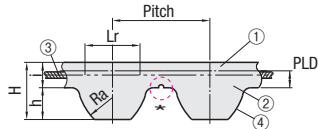


High Torque Timing Belts (S2M, S3M, S5M, S8M, S14M)

High Torque Timing Belts are compatible with High Torque Timing Pulleys on **P.1397~1408.**



HTBN (Rubber)
HTUN (Polyurethane)



- ⊕ Operating Temp. Rubber: -30~90°C, Polyurethane: 0~80°C (Reference Value)
- ⊕ Although some tooth fabrics for S2M, S3M and S5M rubber belts (HTBN) are changed from black to brown to prevent rubber-dust generation, it does not affect the performance.
- ⊕ HTBN has no groove between teeth. (* Marked Parts)
- ⊕ Belt Circumference Length is the length of Core Wire.
- ⊕ HTUN - Polyurethane Type - cannot be used with tension from back side.
- ⊕ Features and Cautions **P.1375** ⊕ How to select products. **P.2253.**

Type	Material	
HTBN	① Back Rubber	Chloroprene Rubber
	② Tooth Rubber	Fiberglass Cord S/Z Alternately Twisted Continuous
	③ Core Wire	Nylon Cloth
HTUN	①②④ Main Body	Polyurethane
	③ Core Wire	Aramid Fiber

Type	Pitch	Ra	Lr	H	h	i	PLD	Unit Mass g/m (Width: 10mm)
S2M	2	1.3	1.3	1.36	0.76	0.6	0.254	13.0(11.0)
S3M	3	1.95	1.95	1.94	1.14	0.8	0.381	19.0(15.0)
S5M	5	3.25	3.25	3.41	1.91	1.5	0.480	34.0
S8M	8	5.2	5.2	5.3	3.05	2.25	0.686	52.0
S14M	14	9.1	9.1	10.2	5.3	4.9	1.397	100.0

⊕ Values in () are the unit mass of polyurethane.

Type: S2M (Pitch: 2mm)

Type	Part Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price			
					HTBN 40	HTBN 60	HTUN 40	HTUN 60
HTBN (Rubber)	76 S2M	40 (4mm)	38	76				
	78 S2M		39	78				
	80 S2M		40	80				
	83 S2M		44	86				
	90 S2M		45	90				
	100 S2M		50	100				
	112 S2M		56	112				
	116 S2M		58	116				
	118 S2M		59	118				
	122 S2M		61	122				
	124 S2M		62	124				
	126 S2M		63	126				
	128 S2M		64	128				
	130 S2M		65	130				
	132 S2M		66	132				
	134 S2M		67	134				
	138 S2M		69	138				
	140 S2M		70	140				
	142 S2M		71	142				
	144 S2M		72	144				
152 S2M	76	152						
160 S2M	80	160						
164 S2M	82	164						
166 S2M	83	166						
172 S2M	86	172						
176 S2M	88	176						
180 S2M	90	180						
186 S2M	93	186						
190 S2M	95	190						
194 S2M	97	194						
200 S2M	100	200						
204 S2M	102	204						
210 S2M	105	210						
212 S2M	106	212						
214 S2M	107	214						
218 S2M	109	218						
220 S2M	110	220						
224 S2M	112	224						
230 S2M	115	230						
234 S2M	117	234						
236 S2M	118	236						
240 S2M	120	240						
242 S2M	121	242						
244 S2M	122	244						
246 S2M	123	246						
250 S2M	125	250						
256 S2M	128	256						
260 S2M	130	260						
266 S2M	133	266						
280 S2M	140	280						
290 S2M	145	290						
300 S2M	150	300						
320 S2M	160	320						
324 S2M	162	324						
328 S2M	164	328						
330 S2M	165	330						
340 S2M	170	340						
360 S2M	180	360						
370 S2M	185	370						
380 S2M	190	380						
396 S2M	198	396						
400 S2M	200	400						
436 S2M	218	436						
448 S2M	224	448						
486 S2M	243	486						
488 S2M	244	488						
500 S2M	250	500						
520 S2M	260	520						
560 S2M	280	560						
572 S2M	286	572						
580 S2M	290	580						
600 S2M	300	600						
630 S2M	315	630						
710 S2M	355	710						
800 S2M	400	800						
900 S2M	450	900						
984 S2M	492	984						
1196 S2M	598	1196						
1250 S2M	625	1250						
1274 S2M	637	1274						
1290 S2M	645	1290						

Type: S3M (Pitch: 3mm)

Type	Part Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price			
					HTBN 60	HTBN 100	HTUN 60	HTUN 100
HTBN (Rubber)	120 S3M	60 (6mm)	40	120				
	123 S3M		41	123				
	129 S3M		43	129				
	141 S3M		47	141				
	144 S3M		48	144				
	150 S3M		50	150				
	162 S3M		54	162				
	171 S3M		57	171				
	176 S3M		58	176				
	177 S3M		59	177				
	180 S3M		60	180				
	186 S3M		62	186				
	189 S3M		63	189				
	192 S3M		64	192				
	195 S3M		65	195				
	201 S3M		67	201				
	207 S3M		69	207				
	210 S3M		70	210				
	213 S3M		71	213				
	219 S3M		73	219				
222 S3M	74	222						
225 S3M	75	225						
234 S3M	78	234						
237 S3M	79	237						
246 S3M	82	246						
249 S3M	83	249						
252 S3M	84	252						
255 S3M	85	255						
264 S3M	88	264						
273 S3M	91	273						
276 S3M	92	276						
279 S3M	93	279						
285 S3M	95	285						
288 S3M	96	288						
291 S3M	97	291						
300 S3M	100	300						
312 S3M	104	312						
318 S3M	106	318						
327 S3M	109	327						
339 S3M	113	339						
345 S3M	115	345						
354 S3M	118	354						
360 S3M	120	360						
363 S3M	121	363						
369 S3M	123	369						
375 S3M	125	375						
384 S3M	128	384						
387 S3M	129	387						
396 S3M	132	396						
402 S3M	134	402						
405 S3M	135	405						
408 S3M	136	408						
420 S3M	140	420						
423 S3M	141	423						
432 S3M	144	432						
453 S3M	151	453						
456 S3M	152	456						
459 S3M	153	459						
474 S3M	158	474						
480 S3M	160	480						
483 S3M	161	483						
486 S3M	162	486						
501 S3M	167	501						
507 S3M	169	507						
519 S3M	173	519						
525 S3M	175	525						
537 S3M	179	537						
540 S3M	180	540						
564 S3M	188	564						
591 S3M	197	591						
600 S3M	200	600						
612 S3M	204	612						
633 S3M	211	633						
645 S3M	215	645						
660 S3M	220	660						
681 S3M	227	681						
741 S3M	247	741						
750 S3M	250	750						
804 S3M	268	804						
810 S3M	270	810						
852 S3M	284	852						
900 S3M	300	900						
918 S3M	306	918						
1050 S3M	350	1050						
1080 S3M	360	1080						
1119 S3M	373	1119						
1170 S3M	390	1170						
1203 S3M	401	1203						
1221 S3M	407	1221						
1236 S3M	412	1236						
1245 S3M	415	1245						
1260 S3M	420	1260						
1290 S3M	430	1290						
1299 S3M	433	1299						
1332 S3M	444	1332						
1401 S3M	467	1401						
1598 S3M	537	1598						
1680 S3M	560	1680						
1788 S3M	596	1788						
2100 S3M	700	2100						

HTUN (Polyurethane)

Type: S5M (Pitch: 5mm)

Type	Part Number Belt Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price		
					HTBN		
					100	150	250
	225 S5M		45	225			
	230 S5M		46	230			
	255 S5M		51	255			
	260 S5M		52	260			
	295 S5M		59	295			
	300 S5M		60	300			
	305 S5M		61	305			
	320 S5M		64	320			
	325 S5M		65	325			
	340 S5M		68	340			
	350 S5M		70	350			
	360 S5M		72	360			
	370 S5M		74	370			
	375 S5M		75	375			
	380 S5M		76	380			
	390 S5M		78	390			
	400 S5M		80	400			
	415 S5M		83	415			
	425 S5M		85	425			
	435 S5M		87	435			
	440 S5M		88	440			
	450 S5M		90	450			
	475 S5M		95	475			
	490 S5M		98	490			
	500 S5M		100	500			
	520 S5M		104	520			
	525 S5M		105	525			
	530 S5M		106	530			
	545 S5M		109	545			
	560 S5M		110	560			
	560 S5M		112	560			
	575 S5M		115	575			
	590 S5M		118	590			
	595 S5M		119	595			
	600 S5M		120	600			
	625 S5M		125	625			
	640 S5M		128	640			
	650 S5M		130	650			
	665 S5M		133	665			
	670 S5M		134	670			
	675 S5M		135	675			
	690 S5M		138	690			
	695 S5M		139	695			
	700 S5M		140	700			
	710 S5M		142	710			
	720 S5M		144	720			
	725 S5M		145	725			
	730 S5M		146	730			
	740 S5M		148	740			
	750 S5M		150	750			
	765 S5M		153	765			
	780 S5M		156	780			
	800 S5M		160	800			
	810 S5M		162	810			
	830 S5M		166	830			
	845 S5M		169	845			
	850 S5M		170	850			
	870 S5M		174	870			
	890 S5M		178	890			
	900 S5M		180	900			
	930 S5M		186	930			
	950 S5M		190	950			
	975 S5M		195	975			
	1000 S5M		200	1000			
	1025 S5M		205	1025			
	1050 S5M		210	1050			
	1055 S5M		211	1055			
	1085 S5M		217	1085			
	1090 S5M		218	1090			
	1100 S5M		220	1100			
	1105 S5M		221	1105			
	1115 S5M		223	1115			
	1120 S5M		224	1120			
	1125 S5M		225	1125			
	1135 S5M		227	1135			
	1145 S5M		229	1145			
	1160 S5M		232	1160			
	1165 S5M		233	1165			
	1195 S5M		239	1195			
	1225 S5M		245	1225			
	1250 S5M		250	1250			
	1270 S5M		254	1270			
	1295 S5M		259	1295			
	1350 S5M		270	1350			
	1420 S5M		284	1420			
	1475 S5M		295	1475			
	1500 S5M		300	1500			
	1505 S5M		301	1505			
	1530 S5M		306	1530			
	1595 S5M		319	1595			
	1605 S5M		321	1605			
	1680 S5M		336	1680			
	1715 S5M		343	1715			
	1800 S5M		360	1800			
	2000 S5M		400	2000			
	2145 S5M		429	2145			
	2255 S5M		451	2255			
	2480 S5M		496	2480			

HTBN
(Rubber)

100
(10mm)

150
(15mm)

250
(25mm)

Type: S8M (Pitch: 8mm)

Type	Part Number Belt Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price			
					HTBN			
					150	250	300	400
	480 S8M		60	480				
	520 S8M		65	520				
	560 S8M		70	560				
	584 S8M		73	584				
	600 S8M		75	600				
	632 S8M		79	632				
	656 S8M		82	656				
	712 S8M		89	712				
	720 S8M		90	720				
	760 S8M		95	760				
	800 S8M		100	800				
	824 S8M		103	824				
	848 S8M		106	848				
	880 S8M		110	880				
	896 S8M		112	896				
	920 S8M		115	920				
	944 S8M		118	944				
	960 S8M		120	960				
	976 S8M		122	976				
	1000 S8M		125	1000				
	1040 S8M		130	1040				
	1056 S8M		132	1056				
	1080 S8M		135	1080				
	1120 S8M		140	1120				
	1136 S8M		142	1136				
	1160 S8M		145	1160				
	1200 S8M		150	1200				
	1248 S8M		156	1248				
	1280 S8M		160	1280				
	1304 S8M		163	1304				
	1360 S8M		170	1360				
	1400 S8M		175	1400				
	1440 S8M		180	1440				
	1480 S8M		185	1480				
	1520 S8M		190	1520				
	1600 S8M		200	1600				
	1680 S8M		210	1680				
	1760 S8M		220	1760				
	1800 S8M		225	1800				
	1912 S8M		239	1912				
	2000 S8M		250	2000				
	2240 S8M		280	2240				
	2304 S8M		288	2304				
	2400 S8M		300	2400				
	2496 S8M		312	2496				
	2600 S8M		325	2600				
	2800 S8M		350	2800				
	3200 S8M		400	3200				
	3680 S8M		460	3680				
	4400 S8M		550	4400				

HTBN
(Rubber)

150
(15mm)

250
(25mm)

300
(30mm)

400
(40mm)

Type: S14M (Pitch: 14mm)

Type	Part Number Belt Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price		
					HTBN		
					400	600	
	1008 S14M		72	1008			
	1120 S14M		80	1120			
	1190 S14M		85	1190			
	1246 S14M		89	1246			
	1400 S14M		100	1400			
	1540 S14M		110	1540			
	1610 S14M		115	1610			
	1652 S14M		118	1652			
	1778 S14M		127	1778			
	1806 S14M		129	1806			
	1890 S14M		135	1890			
	2100 S14M		150	2100			
	2310 S14M		165	2310			
	2450 S14M		175	2450			
	2590 S14M		185	2590			
	2660 S14M		190	2660			
	2800 S14M		200	2800			
	3500 S14M		250	3500			
	3850 S14M		275	3850			
	4508 S14M		322	4508			
	5012 S14M		358	5012			

HTBN
(Rubber)

400
(40mm)

600
(60mm)



Ordering
Example

Part Number

Type	Belt Number	-	Belt Nominal Width
HTBN	2800 S14M	-	400
HTUN	225 S3M	-	100