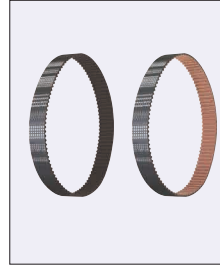


# High Torque Timing Belts (S2M, S3M, S5M, S8M, S14M)

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

## Type: S2M (Pitch: 2mm)

Type	Part Number	Belt Nominal Width	Number of Teeth	Unit Price			
				HTBN		HTUN	
HTBN (Rubber)	76 S2M	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	Unit Price				
				HTBN		HTUN		
HTBN (Rubber)	120 S3M	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					
	174 S3M	58	174					
	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	116	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						

## Type: S5M (Pitch: 5mm)

Type	Part Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price		
					HTBN		
HTBN (Rubber)	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				