


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



Although some tooth fabrics for MXL and XL rubber belts (TBN) are change from black to brown (bear-back specifications) for preventing rubber-dust, it does not affect the performance.

For Long Timing Belts No. of Teeth Configurable Type, refer to P.1203



Type	Material
HTBN	(1)Back Rubber Chloroprene Rubber
	(2)Tooth Rubber Glass Fiber Cord S and Z Twist Alternative Series
	(3)Core Wire Nylon Cloth
HTUN	(4)Base Cloth Polyurethane
	(1)(2)(4)Body Aramid Fiber
	(3)Core Wire

Operating Temp. Rubber: -30~90°C Polyurethane: 0~80°C

RoHS

Features and Cautions P.1112

Selecting Method P.1923 \*HTBN has no groove between teeth.

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	1.94	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)		Belt		Teeth		Belt Circum. Length (mm)		€ Unit Price							
Type	Belt No.	Nominal Width	Teeth	Circum. Length	HTBN	HTUN	HTBN	HTUN	150	250	300	400	400	600	1000
HTBN (Rubber)	76 S2M	38	76												
HTBN (Rubber)	78 S2M	39	78												
HTBN (Rubber)	80 S2M	40	80												
HTBN (Rubber)	88 S2M	44	88												
HTBN (Rubber)	90 S2M	45	90												
HTBN (Rubber)	100 S2M	50	100												
HTBN (Rubber)	112 S2M	56	112												
HTBN (Rubber)	116 S2M	58	116												
HTBN (Rubber)	118 S2M	59	118												
HTBN (Rubber)	122 S2M	61	122												
HTBN (Rubber)	124 S2M	62	124												
HTBN (Rubber)	126 S2M	63	126												
HTBN (Rubber)	128 S2M	64	128												
HTBN (Rubber)	130 S2M	65	130												
HTBN (Rubber)	132 S2M	66	132												
HTBN (Rubber)	134 S2M	67	134												
HTBN (Rubber)	138 S2M	69	138												
HTBN (Rubber)	140 S2M	70	140												
HTBN (Rubber)	142 S2M	71	142												
HTBN (Rubber)	144 S2M	72	144												
HTBN (Rubber)	152 S2M	76	152												
HTBN (Rubber)	160 S2M	80	160												
HTBN (Rubber)	164 S2M	82	164												
HTBN (Rubber)	166 S2M	83	166												
HTBN (Rubber)	172 S2M	86	172												
HTBN (Rubber)	176 S2M	88	176												
HTBN (Rubber)	180 S2M	90	180												
HTBN (Rubber)	186 S2M	93	186												
HTBN (Rubber)	190 S2M	95	190												
HTBN (Rubber)	194 S2M	97	194												
HTBN (Rubber)	200 S2M	100	200												
HTBN (Rubber)	204 S2M	102	204												
HTBN (Rubber)	210 S2M	105	210												
HTBN (Rubber)	212 S2M	106	212												
HTBN (Rubber)	214 S2M	107	214												
HTBN (Rubber)	218 S2M	109	218												
HTBN (Rubber)	220 S2M	110	220												
HTBN (Rubber)	224 S2M	112	224												
HTBN (Rubber)	230 S2M	115	230												
HTBN (Rubber)	234 S2M	117	234												
HTBN (Rubber)	236 S2M	118	236												
HTBN (Rubber)	240 S2M	120	240												
HTUN (Polyurethane)	242 S2M	121	242												
HTUN (Polyurethane)	244 S2M	122	244												
HTUN (Polyurethane)	246 S2M	123	246												
HTUN (Polyurethane)	250 S2M	125	250												
HTUN (Polyurethane)	256 S2M	128	256												
HTUN (Polyurethane)	260 S2M	130	260												
HTUN (Polyurethane)	266 S2M	133	266												
HTUN (Polyurethane)	280 S2M	140	280												
HTUN (Polyurethane)	290 S2M	145	290												
HTUN (Polyurethane)	300 S2M	150	300												
HTUN (Polyurethane)	320 S2M	160	320												
HTUN (Polyurethane)	324 S2M	162	324												
HTUN (Polyurethane)	328 S2M	164	328												
HTUN (Polyurethane)	330 S2M	165	330												
HTUN (Polyurethane)	340 S2M	170	340												
HTUN (Polyurethane)	360 S2M	180	360												
HTUN (Polyurethane)	370 S2M	185	370												
HTUN (Polyurethane)	380 S2M	190	380												
HTUN (Polyurethane)	396 S2M	198	396												
HTUN (Polyurethane)	400 S2M	200	400												
HTUN (Polyurethane)	436 S2M	218	436												
HTUN (Polyurethane)	448 S2M	224	448												
HTUN (Polyurethane)	486 S2M	243	486												
HTUN (Polyurethane)	488 S2M	244	488												
HTUN (Polyurethane)	500 S2M	250	500												
HTUN (Polyurethane)	520 S2M	260	520												
HTUN (Polyurethane)	560 S2M	280	560												
HTUN (Polyurethane)	572 S2M	286	572												
HTUN (Polyurethane)	580 S2M	290	580												
HTUN (Polyurethane)	600 S2M	300	600												
HTUN (Polyurethane)	630 S2M	315	630												
HTUN (Polyurethane)	710 S2M	355	710												
HTUN (Polyurethane)	800 S2M	400	800												
HTUN (Polyurethane)	900 S2M	450	900												
HTUN (Polyurethane)	984 S2M	492	984												
HTUN (Polyurethane)	1196 S2M	598	1196												
HTUN (Polyurethane)	1250 S2M	625	1250												
HTUN (Polyurethane)	1274 S2M	637	1274												
HTUN (Polyurethane)	1290 S2M	645	1290												

Type S3M(Pitch: 3mm)		Belt		Teeth		Belt Circum. Length (mm)		€ Unit Price						
Type	Belt No.	Nominal Width	Teeth	Circum. Length	HTBN	HTUN	HTBN	HTUN	100	150	150	60	100	150
HTBN (Rubber)	120 S3M	40	120											
HTBN (Rubber)	123 S3M	41	123											
HTBN (Rubber)	129 S3M	43	129											
HTBN (Rubber)	141 S3M	47	141											
HTBN (Rubber)	144 S3M	48	144											
HTBN (Rubber)	150 S3M	50	150											
HTBN (Rubber)	162 S3M	54	162											
HTBN (Rubber)	171 S3M	57	171											
HTBN (Rubber)	174 S3M	58	174											
HTBN (Rubber)	177 S3M	59	177											
HTBN (Rubber)	180 S3M	60	180											
HTBN (Rubber)	186 S3M	62	186											
HTBN (Rubber)	189 S3M	63	189											
HTBN (Rubber)	192 S3M	64	192											
HTBN (Rubber)	195 S3M	65	195											
HTBN (Rubber)	201 S3M	67	201											
HTBN (Rubber)	207 S3M	69	207											
HTBN (Rubber)	210 S3M	70	210											
HTBN (Rubber)	213 S3M	71	213											
HTBN (Rubber)	219 S3M	73	219											
HTBN (Rubber)	222 S3M	74	222											
HTBN (Rubber)	225 S3M	75	225											
HTBN (Rubber)	234 S3M	78	234											
HTBN (Rubber)	237 S3M	79	237											
HTBN (Rubber)	246 S3M	82	246											
HTBN (Rubber)	249 S3M	83	249											
HTBN (Rubber)	252 S3M	84	252											
HTBN (Rubber)	255 S3M	85	255											
HTBN (Rubber)	264 S3M	88	264											
HTBN (Rubber)	273 S3M	91	273											
HTBN (Rubber)	276 S3M	92	276											
HTBN (Rubber)	279 S3M	93	279											
HTBN (Rubber)	285 S3M	95	285											
HTBN (Rubber)	288 S3M	96	288											
HTBN (Rubber)	291 S3M	97	291											
HTBN (Rubber)	300 S3M	100	300											
HTBN (Rubber)	312 S3M	104	312											
HTBN (Rubber)	318 S3M	106	318											
HTBN (Rubber)	327 S3M	109												