

Super High Torque Timing Belts (MTS8M, UP5M, UP8M)

■ **Features:** Having nearly doubled transmission capacity compared to standard timing belts, higher-load transmission and space-saving design can be realized.
■ Super High Torque Timing Belt MTS8M is compatible with Super High Torque Timing Pulley S8M on **P.1403**. UP5M/UP8M is compatible with P5M/P8M on **P.1411~P.1414**.

HTBN (MTS8M)

① Belt Circumference Length is the length of Core Wire.
② Features and Cautions **P.1375**
③ Selection Method **P.2253**

Operating Temp.: -30~90°C
Applicable to the Timing Pulley S8M. **P.1403**
Backside color of MTS8M is black.

PTBN (UP5M, UP8M)

Operating Temp.: -15~80°C
Applicable to Timing Pulleys P5M and P8M. **P.1411~P.1414**
Rubber color of UP5M on the back side is black and that of UP8M is blue.

Type	Pitch	i	H	h	i	PLD	Unit Mass g/m (Width: 10mm)
MTS8M	8	5.2	5.3	3.05	2.25	0.686	45.0

Type	Pitch	i	H	h	i	PLD	Unit Mass g/m (Width: 10mm)
UP5M	5	3.25	3.60	1.81	1.79	0.571	41.0
UP8M	8	5.2	5.20	2.90	2.30	0.686	50.8

Timing Belts (T5, T10)

■ Timing Belt T5 is compatible with Timing Pulley T5 on **P.1417** and Timing Belt T10 is compatible with Timing Pulley T10 on **P.1419**.

TTBU

Type	Pitch	H	h	L	Unit Mass g/m (Width: 10mm)
T5	5	2.2	1.2	1.8	20.0
T10	10	4.5	2.5	3.5	42.0

Operating Temp.: 0~80°C
Belt Circumference Length is the length of Core Wire.
Cannot be used with tension from back side.
How to select products, **P.2253**.

■ Type: MTS8M (Pitch: 8mm)

Type	Belt Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price			
					Belt Nominal Width			
					150	250	300	400
HTBN (Rubber)	528-MTS8M	150	66	528				
	560-MTS8M	150	70	560				
	584-MTS8M	150	73	584				
	600-MTS8M	150	75	600				
	632-MTS8M	150	79	632				
	640-MTS8M	150	80	640				
	656-MTS8M	150	82	656				
	712-MTS8M	150	89	712				
	720-MTS8M	150	90	720				
	760-MTS8M	150	95	760				
	800-MTS8M	150	100	800				
	824-MTS8M	150	103	824				
	848-MTS8M	150	106	848				
	856-MTS8M	150	107	856				
	880-MTS8M	150	110	880				
	896-MTS8M	150	112	896				
	920-MTS8M	150	115	920				
	928-MTS8M	150	116	928				
	944-MTS8M	150	118	944				
	960-MTS8M	150	120	960				
	976-MTS8M	150	122	976				
	1000-MTS8M	150	125	1000				
	1024-MTS8M	250	128	1024				
	1056-MTS8M	250	132	1056				
	1080-MTS8M	250	135	1080				
	1120-MTS8M	250	140	1120				
	1152-MTS8M	250	144	1152				
	1160-MTS8M	250	145	1160				
	1200-MTS8M	250	150	1200				
	1216-MTS8M	250	152	1216				
	1248-MTS8M	300	156	1248				
	1280-MTS8M	300	160	1280				
	1304-MTS8M	300	163	1304				
	1320-MTS8M	300	165	1320				
	1352-MTS8M	300	169	1352				
	1360-MTS8M	300	170	1360				
	1400-MTS8M	300	175	1400				
	1480-MTS8M	300	185	1480				
	1520-MTS8M	300	190	1520				
	1600-MTS8M	300	200	1600				
	1640-MTS8M	300	205	1640				
	1680-MTS8M	300	210	1680				
	1760-MTS8M	300	220	1760				
	1800-MTS8M	300	225	1800				
	1880-MTS8M	300	235	1880				
	1960-MTS8M	300	245	1960				
	2000-MTS8M	300	250	2000				
	2064-MTS8M	300	258	2064				
	2400-MTS8M	300	300	2400				
	2600-MTS8M	300	325	2600				
	2800-MTS8M	300	350	2800				

■ Type: UP5M (Pitch: 5mm)

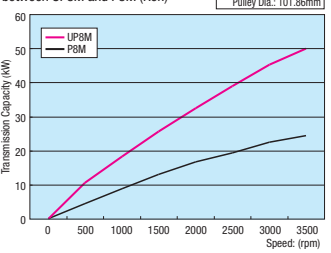
Type	Belt Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price 1 ~ 4 pcs.	
					Belt Nominal Width	
					100	150
PTBN (Rubber)	215-UP5M	100	43	215		
	225-UP5M	100	45	225		
	255-UP5M	100	51	255		
	260-UP5M	100	52	260		
	275-UP5M	100	55	275		
	295-UP5M	100	59	295		
	300-UP5M	100	60	300		
	310-UP5M	100	62	310		
	320-UP5M	100	64	320		
	325-UP5M	100	65	325		
	340-UP5M	100	68	340		
	350-UP5M	100	70	350		
	370-UP5M	100	74	370		
	375-UP5M	100	75	375		
	400-UP5M	100	80	400		
	420-UP5M	100	84	420		
	425-UP5M	100	85	425		
	430-UP5M	100	86	430		
	440-UP5M	100	88	440		
	450-UP5M	100	90	450		
	475-UP5M	100	95	475		
	480-UP5M	100	98	480		
	500-UP5M	100	100	500		
	515-UP5M	100	103	515		
	520-UP5M	100	104	520		
	525-UP5M	100	105	525		
	530-UP5M	100	106	530		
	550-UP5M	100	110	550		
	560-UP5M	100	112	560		
	575-UP5M	100	115	575		
	595-UP5M	100	119	595		
	600-UP5M	100	120	600		
	605-UP5M	100	121	605		
	635-UP5M	100	127	635		
	650-UP5M	100	130	650		
	670-UP5M	100	134	670		
	675-UP5M	100	135	675		
	690-UP5M	100	138	690		
	725-UP5M	100	145	725		
	740-UP5M	100	148	740		
	750-UP5M	100	150	750		
	780-UP5M	100	156	780		
	800-UP5M	100	160	800		
	835-UP5M	100	167	835		
	850-UP5M	100	170	850		
	900-UP5M	100	180	900		
	1000-UP5M	100	200	1000		
	1050-UP5M	100	210	1050		

■ Type: UP8M (Pitch: 8mm)

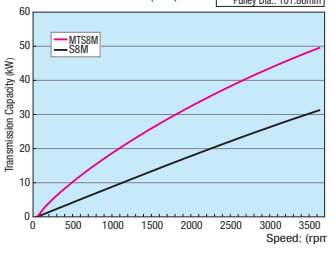
Type	Belt Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price 1 ~ 4 pcs.	
					Belt Nominal Width	
					150	250
PTBN (Rubber)	480-UP8M	150	60	480		
	512-UP8M	150	64	512		
	520-UP8M	150	65	520		
	536-UP8M	150	67	536		
	560-UP8M	150	70	560		
	584-UP8M	150	73	584		
	600-UP8M	150	75	600		
	632-UP8M	150	79	632		
	640-UP8M	150	80	640		
	680-UP8M	150	85	680		
	712-UP8M	150	89	712		
	720-UP8M	150	90	720		
	760-UP8M	150	95	760		
	800-UP8M	150	100	800		
	832-UP8M	150	104	832		
	840-UP8M	150	105	840		
	856-UP8M	150	107	856		
	880-UP8M	150	110	880		
	960-UP8M	150	120	960		
	1040-UP8M	150	130	1040		
	1080-UP8M	150	135	1080		

For orders larger than indicated quantity, please request a quotation.

■ Comparison of Transmission Capacity between UP8M and P8M (Ref.)



■ Comparison of Transmission Capacity between MTS8M and S8M (Ref.)



■ Type: T5 (Pitch: 5mm)

Type: T5 (Pitch: 5mm)								
Type	Part Number	Belt Nominal Width	Number of Teeth	Belt Circumference Length (mm)	Unit Price			
					Belt Nominal Width			
	Belt Number				100	150	200	250
TTBU	185T5	100 (10mm)	37	185				
	200T5		40	200				
	225T5		45	225				
	250T5		50	250				
	275T5		55	275				
	280T5		56	280				
	295T5		59	295				
	300T5		60	300				
	325T5		65	325				
	350T5		70	350				
	375T5		75	375				
	400T5		80	400				
	425T5		85	425				
	440T5		88	440				
	450T5		90	450				
	475T5		95	475				
	500T5	100	500					
	525T5	105	525					
	550T5	110	550					
	575T5	115	575					
	590T5	118	590					
	600T5	120	600					
	625T5	125	625					
	630T5	126	630					
	650T5	130	650					
	675T5	135	675					
	690T5	138	690					
	700T5	140	700					
	725T5	145	725					
	750T5	150	750					
	780T5	156	780					
	800T5	160	800					
	850T5	170	850					
	900T5	180	900					
	1000T5	200	1000					
1075T5	215	1075						
1090T5	218	1090						
1100T5	220	1100						
1115T5	223	1115						
1215T5	243	1215						
1350T5	270	1350						
1380T5	276	1380						