



DRIVE DESIGN
AND TECHNICAL MANUAL

**EXTRUDED TIMING BELT
OPEN ENDED LINEAR ROLL
METRIC TOOTH**

**DRIVE BELT
TECHNOLOGY .**

SECTION 2.2.5 | TIMING BELTS | RUBBER BELTS

ISO CD 17396 / DIN 7721 PART 1

EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH T2.5, T5, TT5, T10, T20 AND AT5, AT10, AT20

FEATURES

Manufactured in thermoplastic polyurethane with or without special polyamide green fabric ensures low friction and resistance to abrasion. High resistance S and Z parallel steel tension members deliver high traction and breaking load, extremely low elongation and great flexibility.

Oil and grease resistance with moderate resistance to some acids and alkali

Linear speed up to 70 m.s-1, high abrasion resistance

Standard roll length of 50m or 100m at +/- 1%

Meets RoHS and REACH requirements



This belt is best suited for linear motion and synchronous conveying systems.

STRUCTURE DETAILS

Polyurethane Body

Extruded with high quality 92 shore A thermoplastic polyurethane (TPU), it enables those belts to reach high strength, great flexibility, wear resistance on shock while offering requested teeth rigidity and dimension stability.

Tensile cord

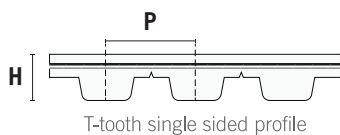
High resistance S and Z parallel steel tension members to deliver high traction and breaking load, extremely low elongation and great

flexibility. Belts can also be produce with aramid cords according to applications requirements for is non magnetic drives.

Cover Fabric

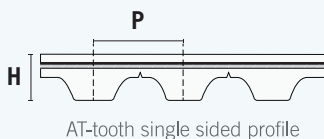
Special polyamid green fabric to ensure low friction, resistance to abrasion, protect the teeth in their perfecting matching with pulleys, low noise. This polyamid coating is available either on teeth only or back only and also on both teeth and back.

Dimensions



ISO / CD17396	OE T2.5	OE-T5	OE-TT5	OE-T10	OE-T20
Pitch (mm)	2.5	5.0	5.0	10.0	20.0
Height (mm)	0.7	1.2	1.2	2.5	5.0
Width (mm)	1.50	2.65	2.65	5.30	10.15
Foot radius (mm)	0.20	0.40	0.40	0.60	0.80
Head radius (mm)	0.20	0.40	0.40	0.60	0.80
Belt thickness (mm)	1,6 +/- 0,15	2,2 +/- 0,15	2,8 +/- 0,20	4,5 +/- 0,3	8,0 +/- 0,45
Min. Number teeth on pulley without back bending	15	10	10	12	15
Min. Diameter of idler (mm)	15	30	30	60	120
Min. Number teeth on pulley with back bending	18	15	15	20	25
Min. Diameter of back idler (mm)	18	30	30	60	120

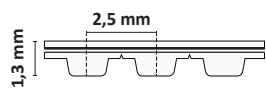
1: Maximum traction load is half of open ended belt, to be used only with conveying applications



ISO / CD 17396	OE-AT5	OE-AT10	OE-AT20
Pitch (mm)	5.0	10.0	20.0
Height (mm)	1.2	2.5	5.0
Width (mm)	2.5	5.0	10.0
Foot radius (mm)	0.86	1.25	2.50
Head radius (mm)	0.40	0.40	1.75
Belt thickness (mm)	2,7 +/- 0,2	4,5 +/- 0,25	8,0 +/- 0,45
Min. Number teeth on pulley without back bending	15	15	18
Min. Diameter of idler (mm)	30	50	120
Min. Number teeth on pulley with back bending	25	25	25
Min. Diameter of back idler (mm)	60	120	180
Min. Joined Pitch Length (mm)	500	500	900

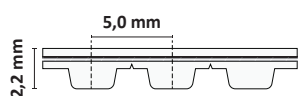
1: Maximum traction load is half of open ended belt, to be used only with conveying applications

2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH



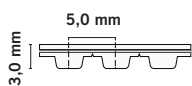
OE-T2.5

Belt Width (mm)	4	6	10	20	50	100
Max Traction Load (N)	137	200	336	735	1953	3969
Breaking Strength (N)	500	700	1200	2700	7200	14700
Belt Weight (g/m)	5	7	10	20	55	110



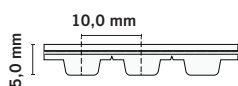
OE-T5

Belt Width (mm)	10	16	25	32	50	75	100
Max Traction Load (N)	310	530	870	1140	1800	2800	3750
Breaking Strength (N)	1260	2130	3550	4550	7300	11100	14800
Belt Weight (g/m)	20	35	55	70	105	160	210



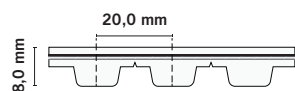
OE-TT5

Belt Width (mm) ^{+/-0.5}	10	Standard TT5 Range (mm)	TT5-5000	TT5-6600	TT5-8200	TT5-9800	TT5-11400
Belt Weight (g/m)	20		TT5-5200	TT5-6800	TT5-8400	TT5-10000	TT5-11600
Max Traction Load (N)	310		TT5-5400	TT5-7000	TT5-8600	TT5-10200	TT5-11800
Breaking Strength (N)	1400		TT5-5600	TT5-7200	TT5-8800	TT5-10400	TT5-12000
			TT5-5800	TT5-7400	TT5-9000	TT5-10600	TT5-12200
			TT5-6000	TT5-7600	TT5-9200	TT5-108000	TT5-12400
			TT5-6200	TT5-7800	TT5-9400	TT5-11000	TT5-12600
			TT5-6400	TT5-8000	TT5-9600	TT5-11200	TT5-12800



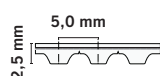
OE-T10

Belt Width (mm) ^{+/-0.5}	10	16	25	32	50	75	100	150
Max Traction Load (N)	3350	5850	9650	12550	20150	30550	41150	62150
Breaking Strength (N)	46	70	115	150	230	340	460	680
Belt Weight (g/m)	920	1600	2640	3440	5510	8410	11250	17000



OE-T20

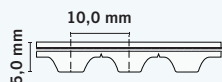
Belt Width (mm)	25	32	50	75	100	150
Max Traction Load (N)	4200	5400	8600	13000	17500	26300
Breaking Strength (N)	16200	21000	33400	50400	67500	101800
Belt Weight (g/m)	205	265	410	610	820	1230



OE-AT5

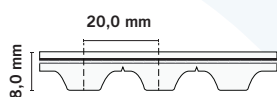
Belt Width (mm)	10	16	25	32	50	75	100
Max Traction Load (N)	650	1130	1860	2440	3850	5850	7850
Breaking Strength (N)	2150	3750	6200	8100	13000	19750	26470
Belt Weight (g/m)	35	60	85	120	170	260	340

2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH



OE-AT10

Belt Width (mm)	16	25	32	50	75	100	150
Max Traction Load (N)	2450	4150	5400	8600	13000	17500	26300
Breaking Strength (N)	9500	16200	21000	33300	50400	67500	101700
Belt Weight (g/m)	95	150	190	300	450	600	900



OE-AT20

Belt Width (mm) ^{1/-0,5}	25	32	50	75	100	150
Max Traction Load (N)	19200	26200	42000	63000	85700	130000
Breaking Strength (N)	240	310	480	730	960	1440
Belt Weight (g/m)	5250	7150	11500	17230	23500	35500

Applications



Open door -
Linear Guiding



Packaging



Wood

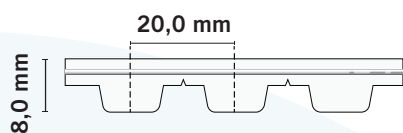
Marking

CMW	100-OE-T2,5-32-PU-S	batch code/worker code
CMW	100-OE-T10-100-PU-S-PAZ	batch code/worker code
CMW	1290-OJ-T5-32-PU-S-PAZ	batch code/worker code

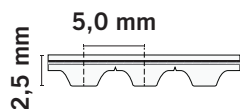
Product Codification

100-OE-AT20-200-PU-S means	100 Length / 100 meters	OE Open Ended Roll	AT20 Section AT20 Pitch 20 mm	200 Width 200mm	PU PU White	S Steel cord
50-OE-T5-50-PU-K means	50 Length / 50 meters	OE Open Ended Roll	T5 Section T5 Pitch 5,0 mm	50 Width 50,00 mm	PU PU White	K Kevlar cord
12100-OJ-T10-85-PU-S-6/NR means	12100 Length / 12100,00 mm	OJ Open Joined	T10 Section T10 Pitch 10,0 mm	85 Width 85,00mm	PU PU White	S Steel cord 6/NR Back coating 6mm Natural Rubber

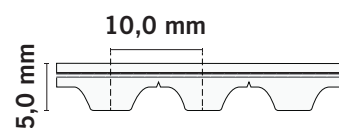
2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH



OE-T20



OE-AT5



OE-AT10

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-T20-25-PU-S	3666445010461
100-OE-T20-25-PU-S-PAZ	3666445010454
100-OE-T20-25-PU-S-PAR	3666445010447
100-OE-T20-25-PU-S-PAZ-PAR	3666445010430
100-OE-T20-32-PU-S	3666445010423
100-OE-T20-32-PU-S-PAZ	3666445010416
100-OE-T20-32-PU-S-PAR	3666445010409
100-OE-T20-32-PU-S-PAZ-PAR	3666445010393
100-OE-T20-50-PU-S	3666445010386
100-OE-T20-50-PU-S-PAZ	3666445010379
100-OE-T20-50-PU-S-PAR	3666445010362
100-OE-T20-50-PU-S-PAZ-PAR	3666445010355
100-OE-T20-75-PU-S	3666445010348
100-OE-T20-75-PU-S-PAZ	3666445010331
100-OE-T20-75-PU-S-PAR	3666445010324
100-OE-T20-75-PU-S-PAZ-PAR	3666445010317
100-OE-T20-100-PU-S	3666445010300
100-OE-T20-100-PU-S-PAZ	3666445010294
100-OE-T20-100-PU-S-PAR	3666445010287
100-OE-T20-100-PU-S-PAZ-PAZ	3666445010270
100-OE-T20-150-PU-S	3666445010263
100-OE-T20-150-PU-S-PAZ	3666445010256
100-OE-T20-150-PU-S-PAR	3666445010249
100-OE-T20-150-PU-S-PAZ-PAR	3666445010232
100-OE-T20-25-PU-K	3666445010225
100-OE-T20-25-PU-K-PAZ	3666445010218
100-OE-T20-25-PU-K-PAR	3666445010201
100-OE-T20-25-PU-K-PAZ-PAR	3666445010195
100-OE-T20-32-PU-K	3666445010188
100-OE-T20-32-PU-K-PAZ	3666445010171
100-OE-T20-32-PU-K-PAR	3666445010164
100-OE-T20-32-PU-K-PAZ-PAR	3666445010157
100-OE-T20-50-PU-K	3666445010140
100-OE-T20-50-PU-K-PAZ	3666445010133
100-OE-T20-50-PU-K-PAR	3666445010126
100-OE-T20-50-PU-K-PAZ-PAR	3666445010119
100-OE-T20-75-PU-K	3666445010102
100-OE-T20-75-PU-K-PAZ	3666445010096
100-OE-T20-75-PU-K-PAR	3666445010089
100-OE-T20-75-PU-K-PAZ-PAR	3666445010072
100-OE-T20-100-PU-K	3666445010065
100-OE-T20-100-PU-K-PAZ	3666445010058
100-OE-T20-100-PU-K-PAR	3666445010041
100-OE-T20-100-PU-K-PAZ-PAZ	3666445010034
100-OE-T20-150-PU-K	3666445010027
100-OE-T20-150-PU-K-PAZ	3666445010010
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100-OE-T20-150-PU-K-PAZ-PAR	3666445009991

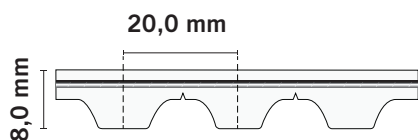
Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-AT5-6-PU-S	3666445009984
100-OE-AT5-6-PU-S-PAZ	3666445009977
100-OE-AT5-6-PU-S-PAR	3666445009960
100-OE-AT5-6-PU-S-PAZ-PAR	3666445009953
100-OE-AT5-10-PU-S	3666445009946
100-OE-AT5-10-PU-S-PAZ	3666445009939
100-OE-AT5-10-PU-S-PAR	3666445009922
100-OE-AT5-10-PU-S-PAZ-PAR	3666445009915
100-OE-AT5-16-PU-S	3666445009908
100-OE-AT5-16-PU-S-PAZ	3666445009892
100-OE-AT5-16-PU-S-PAR	3666445009885
100-OE-AT5-16-PU-S-PAZ-PAR	3666445009878
100-OE-AT5-25-PU-S	3666445009861
100-OE-AT5-25-PU-S-PAZ	3666445009854
100-OE-AT5-25-PU-S-PAR	3666445009847
100-OE-AT5-25-PU-S-PAZ-PAR	3666445009830
100-OE-AT5-32-PU-S	3666445009823
100-OE-AT5-32-PU-S-PAZ	3666445009816
100-OE-AT5-32-PU-S-PAR	3666445009809
100-OE-AT5-32-PU-S-PAZ-PAZ	3666445009793
100-OE-AT5-50-PU-S	3666445009786
100-OE-AT5-50-PU-S-PAZ	3666445009779
100-OE-AT5-50-PU-S-PAR	3666445009762
100-OE-AT5-50-PU-S-PAZ-PAR	3666445009755
100-OE-AT5-75-PU-S	3666445009748
100-OE-AT5-75-PU-S-PAZ	3666445009731
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100-OE-AT5-75-PU-S-PAZ-PAZ	3666445009717
100-OE-AT5-100-PU-S	3666445009700
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100-OE-AT5-6-PU-K-PAZ-PAR	3666445009632
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100-OE-AT5-10-PU-K-PAZ	3666445009618
100-OE-AT5-10-PU-K-PAR	3666445009601
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100-OE-AT5-16-PU-K-PAZ-PAR	3666445009557
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100-OE-AT5-25-PU-K-PAZ	3666445009533
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100-OE-AT5-75-PU-K-PAZ	3666445009410
100-OE-AT5-75-PU-K-PAR	3666445009403
100-OE-AT5-75-PU-K-PAZ-PAZ	3666445009397
100-OE-AT5-100-PU-K	3666445009380
100-OE-AT5-100-PU-K-PAZ	3666445009373
100-OE-AT5-100-PU-K-PAR	3666445009366
100-OE-AT5-100-PU-K-PAZ-PAZ	3666445009359

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-AT10-16-PU-S	3666445009342
100-OE-AT10-16-PU-S-PAZ	3666445009335
100-OE-AT10-16-PU-S-PAR	3666445009328
100-OE-AT10-16-PU-S-PAZ-PAR	3666445009311
100-OE-AT10-25-PU-S	3666445009304
100-OE-AT10-25-PU-S-PAZ	3666445009298
100-OE-AT10-25-PU-S-PAR	3666445009281
100-OE-AT10-25-PU-S-PAZ-PAR	3666445009274
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100-OE-AT10-32-PU-S-PAZ-PAR	3666445009236
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100-OE-AT10-50-PU-S-PAZ	3666445009212
100-OE-AT10-50-PU-S-PAR	3666445009205
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100-OE-AT10-75-PU-S-PAZ	3666445009175
100-OE-AT10-75-PU-S-PAR	3666445009168
100-OE-AT10-75-PU-S-PAZ-PAZ	3666445009151
100-OE-AT10-100-PU-S	3666445009144
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100-OE-AT10-100-PU-S-PAR	3666445009120
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100-OE-AT10-150-PU-S-PAZ-PAZ	3666445009076
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100-OE-AT10-16-PU-K-PAR	3666445009045
100-OE-AT10-16-PU-K-PAZ-PAR	3666445009038
100-OE-AT10-25-PU-K	3666445009021
100-OE-AT10-25-PU-K-PAZ	3666445009014
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100-OE-AT10-50-PU-K-PAZ	3666445008932
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100-OE-AT10-75-PU-K-PAZ	3666445008895
100-OE-AT10-75-PU-K-PAR	3666445008888
100-OE-AT10-75-PU-K-PAZ-PAZ	3666445008871
100-OE-AT10-100-PU-K	3666445008864
100-OE-AT10-100-PU-K-PAZ	3666445008857
100-OE-AT10-100-PU-K-PAR	3666445008840
100-OE-AT10-100-PU-K-PAZ-PAR	3666445008833
100-OE-AT10-150-PU-K	3666445008826
100-OE-AT10-150-PU-K-PAZ	3666445008819
100-OE-AT10-150-PU-K-PAR	3666445008802
100-OE-AT10-150-PU-K-PAZ-PAZ	3666445008796

2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH



OE-AT20

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-AT20-25-PU-S	3666445008789
100-OE-AT20-25-PU-S-PAZ	3666445008772
100-OE-AT20-25-PU-S-PAR	3666445008765
100-OE-AT20-25-PU-S-PAZ-PAR	3666445008758
100-OE-AT20-32-PU-S	3666445008741
100-OE-AT20-32-PU-S-PAZ	3666445008734
100-OE-AT20-32-PU-S-PAR	3666445008727
100-OE-AT20-32-PU-S-PAZ-PAR	3666445008710
100-OE-AT20-50-PU-S	3666445008703
100-OE-AT20-50-PU-S-PAZ	3666445008697
100-OE-AT20-50-PU-S-PAR	3666445008680
100-OE-AT20-50-PU-S-PAZ-PAR	3666445008673
100-OE-AT20-75-PU-S	3666445008666
100-OE-AT20-75-PU-S-PAZ	3666445008659
100-OE-AT20-75-PU-S-PAR	3666445008642
100-OE-AT20-75-PU-S-PAZ-PAR	3666445008635
100-OE-AT20-100-PU-S	3666445008628
100-OE-AT20-100-PU-S-PAZ	3666445008611
100-OE-AT20-100-PU-S-PAR	3666445008604
100-OE-AT20-100-PU-S-PAZ-PAZ	3666445008598
100-OE-AT20-150-PU-S	3666445008581
100-OE-AT20-150-PU-S-PAZ	3666445008574
100-OE-AT20-150-PU-S-PAR	3666445008567
100-OE-AT20-150-PU-S-PAZ-PAR	3666445008550
100-OE-AT20-200-PU-S	3666445008543
100-OE-AT20-200-PU-S-PAZ	3666445008536
100-OE-AT20-200-PU-S-PAR	3666445008529
100-OE-AT20-200-PU-S-PAZ-PAZ	3666445008512
100-OE-AT20-25-PU-K	3666445008505
100-OE-AT20-25-PU-K-PAZ	3666445008499
100-OE-AT20-25-PU-K-PAR	3666445008482
100-OE-AT20-25-PU-K-PAZ-PAR	3666445008475
100-OE-AT20-32-PU-K	3666445008468
100-OE-AT20-32-PU-K-PAZ	3666445008451
100-OE-AT20-32-PU-K-PAR	3666445008444
100-OE-AT20-32-PU-K-PAZ-PAR	3666445008437
100-OE-AT20-50-PU-K	3666445008420
100-OE-AT20-50-PU-K-PAZ	3666445008413
100-OE-AT20-50-PU-K-PAR	3666445008406
100-OE-AT20-50-PU-K-PAZ-PAR	3666445008390
100-OE-AT20-75-PU-K	3666445008383
100-OE-AT20-75-PU-K-PAZ	3666445008376
100-OE-AT20-75-PU-K-PAR	3666445008369
100-OE-AT20-75-PU-K-PAZ-PAR	3666445008352
100-OE-AT20-100-PU-K	3666445008345
100-OE-AT20-100-PU-K-PAZ	3666445008338
100-OE-AT20-100-PU-K-PAR	3666445008321
100-OE-AT20-100-PU-K-PAZ-PAZ	3666445008314
100-OE-AT20-150-PU-K	3666445008307
100-OE-AT20-150-PU-K-PAZ	3666445008291
100-OE-AT20-150-PU-K-PAR	3666445008284
100-OE-AT20-150-PU-K-PAZ-PAR	3666445008277
100-OE-AT20-200-PU-K	3666445008260
100-OE-AT20-200-PU-K-PAZ	3666445008253
100-OE-AT20-200-PU-K-PAR	3666445008246
100-OE-AT20-200-PU-K-PAZ-PAZ	3666445008239

OE-TT5

Standard Belt Range

CMW Product code	GTIN (EAN) code
4800-OE-TT5-10-PU-S	3666445008222
5000-OE-TT5-10-PU-S	3666445008215
5200-OE-TT5-10-PU-S	3666445008208
5600-OE-TT5-10-PU-S	3666445008192
5800-OE-TT5-10-PU-S	3666445008185
6000-OE-TT5-10-PU-S	3666445008178
6200-OE-TT5-10-PU-S	3666445008161
6400-OE-TT5-10-PU-S	3666445008154
6600-OE-TT5-10-PU-S	3666445008147
6800-OE-TT5-10-PU-S	3666445008130
7000-OE-TT5-10-PU-S	3666445008123
7200-OE-TT5-10-PU-S	3666445008116
7400-OE-TT5-10-PU-S	3666445008109
7600-OE-TT5-10-PU-S	3666445008093
7800-OE-TT5-10-PU-S	3666445008086
8000-OE-TT5-10-PU-S	3666445008079
8200-OE-TT5-10-PU-S	3666445008062
8300-OE-TT5-10-PU-S	3666445008055
8400-OE-TT5-10-PU-S	3666445008048
8600-OE-TT5-10-PU-S	3666445008031
8800-OE-TT5-10-PU-S	3666445008024
8900-OE-TT5-10-PU-S	3666445008017
9000-OE-TT5-10-PU-S	3666445008000
9200-OE-TT5-10-PU-S	3666445007997
9400-OE-TT5-10-PU-S	3666445007980
9600-OE-TT5-10-PU-S	3666445007973
9800-OE-TT5-10-PU-S	3666445007966
10000-OE-TT5-10-PU-S	3666445007959
10200-OE-TT5-10-PU-S	3666445007942
10300-OE-TT5-10-PU-S	3666445007935
10400-OE-TT5-10-PU-S	3666445007928
10500-OE-TT5-10-PU-S	3666445007911
10600-OE-TT5-10-PU-S	3666445007904
10800-OE-TT5-10-PU-S	3666445007898
11200-OE-TT5-10-PU-S	3666445007881
12300-OE-TT5-10-PU-S	3666445007874
12700-OE-TT5-10-PU-S	3666445007867
12800-OE-TT5-10-PU-S	3666445007850
13000-OE-TT5-10-PU-S	3666445007843
13200-OE-TT5-10-PU-S	3666445007836
13400-OE-TT5-10-PU-S	3666445007829
13600-OE-TT5-10-PU-S	3666445007812
15400-OE-TT5-10-PU-S	3666445007805
17900-OE-TT5-10-PU-S	3666445007799
4800-OE-TT5-10-PU-K	3666445007782
5000-OE-TT5-10-PU-K	3666445007775
5200-OE-TT5-10-PU-K	3666445007768
5600-OE-TT5-10-PU-K	3666445007751
5800-OE-TT5-10-PU-K	3666445007744
6000-OE-TT5-10-PU-K	3666445007737
6200-OE-TT5-10-PU-K	3666445007720
6400-OE-TT5-10-PU-K	3666445007713
6600-OE-TT5-10-PU-K	3666445007706
6800-OE-TT5-10-PU-K	3666445007690
7000-OE-TT5-10-PU-K	3666445007683
7200-OE-TT5-10-PU-K	3666445007676
7400-OE-TT5-10-PU-K	3666445007669
7600-OE-TT5-10-PU-K	3666445007652
7800-OE-TT5-10-PU-K	3666445007645
8000-OE-TT5-10-PU-K	3666445007638
8200-OE-TT5-10-PU-K	3666445007621
8300-OE-TT5-10-PU-K	3666445007614
8400-OE-TT5-10-PU-K	3666445007607
8600-OE-TT5-10-PU-K	3666445007591

Standard Belt Range

CMW Product code	GTIN (EAN) code
8800-OE-TT5-10-PU-K	3666445007584
8900-OE-TT5-10-PU-K	3666445007577
9000-OE-TT5-10-PU-K	3666445007560
9200-OE-TT5-10-PU-K	3666445007553
9400-OE-TT5-10-PU-K	3666445007546
9600-OE-TT5-10-PU-K	3666445007539
9800-OE-TT5-10-PU-K	3666445007522
10000-OE-TT5-10-PU-K	3666445007515
10200-OE-TT5-10-PU-K	3666445007508
10300-OE-TT5-10-PU-K	3666445007492
10400-OE-TT5-10-PU-K	3666445007485
10500-OE-TT5-10-PU-K	3666445007478
10600-OE-TT5-10-PU-K	3666445007461
10800-OE-TT5-10-PU-K	3666445007454
11200-OE-TT5-10-PU-K	3666445007447
12300-OE-TT5-10-PU-K	3666445007430
12700-OE-TT5-10-PU-K	3666445007423
12800-OE-TT5-10-PU-K	3666445007416
13000-OE-TT5-10-PU-K	3666445007409
13200-OE-TT5-10-PU-K	3666445007393
13400-OE-TT5-10-PU-K	3666445007386
13600-OE-TT5-10-PU-K	3666445007379
15400-OE-TT5-10-PU-K	3666445007362
17900-OE-TT5-10-PU-K	3666445007355

2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH

OE-TK5

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-TK5-K6-32-PU-S	3666445007348
100-OE-TK5-K6-50-PU-S	3666445007331
100-OE-TK5-K6-75-PU-S	3666445007324
100-OE-TK5-K6-100-PU-S	3666445007317
100-OE-TK5-K6-32-PU-K	3666445007300
100-OE-TK5-K6-50-PU-K	3666445007294
100-OE-TK5-K6-75-PU-K	3666445007287
100-OE-TK5-K6-100-PU-K	3666445007270

OE-TK10

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-TK10-K13-32-PU-S	3666445007263
100-OE-TK10-K13-50-PU-S	3666445007256
100-OE-TK10-K13-75-PU-S	3666445007249
100-OE-TK10-K13-100-PU-S	3666445007232
100-OE-TK10-K13-32-PU-K	3666445007225
100-OE-TK10-K13-50-PU-K	3666445007218
100-OE-TK10-K13-75-PU-K	3666445007201
100-OE-TK10-K13-100-PU-K	3666445007195
100-OE-TK10-K6-32-PU-S	3666445007188
100-OE-TK10-K6-50-PU-S	3666445007171
100-OE-TK10-K6-75-PU-S	3666445007164
100-OE-TK10-K6-100-PU-S	3666445007157
100-OE-TK10-K6-150-PU-S	3666445007140
100-OE-TK10-K6-32-PU-K	3666445007133
100-OE-TK10-K6-50-PU-K	3666445007126
100-OE-TK10-K6-75-PU-K	3666445007119
100-OE-TK10-K6-100-PU-K	3666445007102
100-OE-TK10-K6-150-PU-K	3666445007096

OE-AK5

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-ATK5-K6-32-PU-S	3666445007089
100-OE-ATK5-K6-50-PU-S	3666445007072
100-OE-ATK5-K6-75-PU-S	3666445007065
100-OE-ATK5-K6-100-PU-S	3666445007058
100-OE-ATK5-K6-32-PU-K	3666445007041
100-OE-ATK5-K6-50-PU-K	3666445007034
100-OE-ATK5-K6-75-PU-K	3666445007027
100-OE-ATK5-K6-100-PU-K	3666445007010

2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH

OE-AK10

Standard Belt Range

CMW Product code	GTIN (EAN) code
100-OE-ATK10-K13-32-PU-S	3666445007003
100-OE-ATK10-K13-50-PU-S	3666445006990
100-OE-ATK10-K13-75-PU-S	3666445006983
100-OE-ATK10-K13-100-PU-S	3666445006976
100-OE-ATK10-K13-32-PU-K	3666445006969
100-OE-ATK10-K13-50-PU-K	3666445006952
100-OE-ATK10-K13-75-PU-K	3666445006945
100-OE-ATK10-K13-100-PU-K	3666445006938
100-OE-ATK10-K6-32-PU-S	3666445006921
100-OE-ATK10-K6-50-PU-S	3666445006914
100-OE-ATK10-K6-75-PU-S	3666445006907
100-OE-ATK10-K6-100-PU-S	3666445006891
100-OE-ATK10-K6-32-PU-K	3666445006884
100-OE-ATK10-K6-50-PU-K	3666445006877
100-OE-ATK10-K6-75-PU-K	3666445006860
100-OE-ATK10-K6-100-PU-K	3666445006853

POWER RATING

2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH

Section T2,5

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
4	128		495	
6	189		742,5	0,01
10	317	158	1237,5	0,01
20	693	347	2722,5	0,02
50	1841	920	7177,5	0,05
100	3742	1872	14602,5	0,11

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	9,00	800	5,93	1900	5,00	4500	4,04
20	8,68	900	5,80	2000	4,94	5000	3,93
40	8,43	1000	5,70	2200	4,83	5500	3,82
60	8,21	1100	5,58	2400	4,74	6000	3,72
80	8,05	1200	5,50	2600	4,66	6500	3,63
100	7,92	1300	5,40	2800	4,57	7000	3,55
200	7,32	1400	5,33	3000	4,50	7500	3,48
300	6,93	1440	5,30	3200	4,42	8000	3,40
400	6,65	1500	5,26	3400	4,36	8500	3,34
500	6,41	1600	5,19	3600	4,30	9000	3,26
600	6,22	1700	5,12	3800	4,23	9500	3,21
700	6,07	1800	5,06	4000	4,18	10000	3,15

Section T5

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
inch x 100 / mm	(N)	(N)	(N)	(kg/m)
10	317	158	1238	0,02
15	535	268	2104	0,03
25	891	446	3465	0,05
32	1139	570	4455	0,07
50	1841	920	7178	0,10
75	2792	1395	10890	0,16
100	3742	1872	14603	0,21

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	24,45	800	16,85	1900	14,07	4500	11,14
20	23,83	900	16,48	2000	13,89	5000	10,77
40	23,29	1000	16,16	2200	13,58	5500	10,45
60	22,82	1100	15,85	2400	13,28	6000	10,14
80	22,41	1200	15,58	2600	13,01	6500	9,86
100	22,06	1300	15,31	2800	12,76	7000	9,61
200	20,69	1400	15,07	3000	12,52	7500	9,36
300	19,69	1440	14,98	3200	12,30	8000	9,14
400	18,91	1500	14,85	3400	12,10	8500	8,92
500	18,27	1600	14,63	3600	11,91	9000	8,72
600	17,73	1700	14,44	3800	11,72	9500	8,53
700	17,27	1800	14,25	4000	11,54	10000	8,35

POWER RATING

2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH

Section T10

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
10	911	455	3326	0,05
15	1593	797	5821	0,07
25	2624	1312	9563	0,11
32	3416	1708	12474	0,15
50	5465	2732	19958	0,23
75	8316	4158	30353	0,34
100	11158	5579	40748	0,45
150	16850	8424	61538	0,67
200	11158	5579	40748	0,59

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	51,28	800	33,01	1900	26,27	4500	19,21
20	49,82	900	32,11	2000	25,86	5000	18,33
40	48,55	1000	31,31	2200	15,19	5500	17,53
60	47,44	1100	30,58	2400	24,38	6000	16,80
80	46,48	1200	29,91	2600	23,73	6500	16,12
100	45,65	1300	29,29	2800	23,13	7000	15,50
200	42,32	1400	28,70	3000	22,55	7500	14,92
300	39,88	1440	28,47	3200	22,03	8000	14,38
400	37,98	1500	28,15	3400	21,53	8500	13,86
500	36,43	1600	27,64	3600	21,05	9000	13,38
600	35,14	1700	27,15	3800	20,60	9500	12,92
700	34,01	1800	26,70	4000	20,19	10000	12,48

Section T20

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
inch x 100 / mm	(N)	(N)	(N)	(kg/m)
25	4129	2064	15988	0,20
32	5337	2668	20691	0,26
50	8494	4248	32917	0,41
75	12861	6430	49846	0,60
100	17226	8613	66775	0,81
150	25958	12978	100633	1,21

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	103,46	800	61,53	1900	46,41	4500	30,61
20	100,09	900	59,53	2000	45,48	5000	28,64
40	97,17	1000	57,73	2200	43,76	5500	26,87
60	94,62	1100	56,07	2400	42,18	6000	25,23
80	92,42	1200	54,56	2600	40,72	6500	23,73
100	90,50	1300	53,17	2800	39,37		
200	82,67	1400	51,86	3000	38,10		
300	77,06	1440	51,35	3200	36,91		
400	72,76	1500	50,63	3400	35,80		
500	69,26	1600	49,48	3600	34,74		
600	66,31	1700	48,40	3800	33,74		
700	63,77	1800	47,38	4000	32,80		

POWER RATING

2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH

Section AT3

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
8	257	128	990	0,02
10	317	158	1238	0,02
12	412	206	1609	0,02
16	535	268	2104	0,03
20	693	347	2723	0,04
25	891	446	3465	0,05

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	32,18	800	26,82	1900	18,35	4500	15,48
20	31,81	900	26,22	2000	18,09	5000	14,81
40	31,47	1000	25,67	2200	17,59	5500	14,19
60	31,17	1100	25,15	2400	17,14	6000	13,62
80	30,88	1200	24,66	2600	16,71	6500	13,10
100	30,61	1300	24,21	2800	16,31	7000	12,61
200	29,56	1400	23,78	3000	15,94	7500	12,16
300	28,86	1440	23,63	3200	15,58	8000	11,72
400	28,19	1500	23,39	3400	15,25	8500	11,32
500	27,38	1600	23,00	3600	14,93	9000	10,94
600	26,65	1700	22,64	3800	14,63	9500	10,57
700	25,99	1800	22,29	4000	14,35	10000	10,24

Section AT5

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
inch x 100 / mm	(N)	(N)	(N)	(kg/m)
10	634	317	2138	0,03
16	1109	554	3742	0,05
25	1822	911	6148	0,09
32	2376	1188	8019	0,11
50	3802	1901	12830	0,17
75	5782	2891	19513	0,26
100	7762	3881	26195	0,34

Tooth Resistance							
Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	36,04	800	27,41	1900	22,50	4500	17,01
20	35,52	900	26,79	2000	22,20	5000	16,31
40	35,05	1000	26,23	2200	21,60	5500	15,67
60	34,62	1100	25,70	2400	21,07	6000	15,09
80	34,24	1200	25,22	2600	20,56	6500	14,54
100	33,90	1300	24,76	2800	20,09	7000	14,04
200	32,59	1400	24,32	3000	19,65	7500	13,57
300	31,60	1440	24,17	3200	19,24	8000	13,13
400	30,58	1500	23,92	3400	18,84	8500	12,72
500	29,65	1600	23,54	3600	18,47	9000	12,33
600	28,83	1700	23,18	3800	18,12	9500	11,95
700	28,09	1800	22,84	4000	17,78	10000	11,60

POWER RATING

2.2.5 EXTRUDED TIMING BELT OPEN ENDED LINEAR ROLL METRIC TOOTH

Section AT10

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
mm	(N)	(N)	(N)	(kg/m)
16	2426	1213	9405	0,09
25	4128	2064	15988,5	0,15
32	5336	2668	20691	0,19
50	8494	4247	32917,5	0,30
75	12860	6430	49846,5	0,44
100	17226	8613	66775,5	0,58
150	25958	12979	100633,5	0,89

Tooth Resistance

Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	87,68	800	62,20	1900	48,67	4500	33,74
20	86,19	900	60,48	2000	47,81	5000	31,85
40	84,80	1000	58,90	2200	46,20	5500	30,13
60	83,51	1100	57,44	2400	44,73	6000	28,55
80	82,30	1200	56,09	2600	43,36	6500	27,10
100	81,17	1300	54,84	2800	42,08	7000	25,75
200	76,59	1400	53,66	3000	40,89	7500	24,48
300	74,34	1440	53,20	3200	39,77	8000	23,29
400	71,27	1500	52,55	3400	38,70	8500	22,19
500	68,58	1600	51,50	3600	37,70	9000	21,13
600	66,21	1700	50,51	3800	36,74	9500	20,13
700	64,10	1800	49,56	4000	35,84	10000	19,18

Section AT20

Traction Resistance				
Belt width	Max Traction Load Open Ended	Max Traction Load Joined	Breaking Strength	Weight
inch x 100 / mm	(N)	(N)	(N)	(kg/m)
25	5227	2614	19057,5	0,24
32	7128	3564	25987,5	0,31
50	11405	5702	41580	0,48
75	17107	8554	62370	0,72
100	23285	11642	84892,5	0,96
150	35165	17582	128205	1,44

Tooth Resistance

Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width	Shaft speed r/min	Maximum load per tooth per 1 cm width
	(N/cm)		(N/cm)		(N/cm)		(N/cm)
0	149,89	800	96,47	1900	69,26	4500	39,32
20	147,07	900	92,99	2000	67,54	5000	35,54
40	144,43	1000	89,82	2200	64,32	5500	32,10
60	141,95	1100	86,89	2400	61,36	6000	28,94
80	139,60	1200	84,17	2600	58,61	6500	26,03
100	137,39	1300	81,65	2800	56,05		
200	128,14	1400	79,27	3000	53,66		
300	121,06	1440	78,37	3200	51,40		
400	114,80	1500	77,04	3400	49,27		
500	109,35	1600	74,94	3600	47,26		
600	104,55	1700	72,95	3800	45,34		
700	100,30	1800	71,05	4000	43,52		



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