



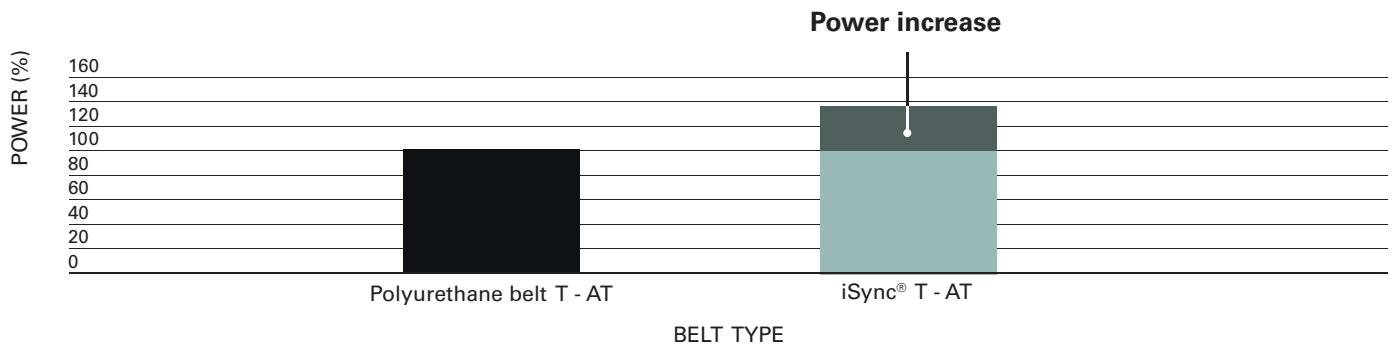
Elatech® iSync®

high performance
timing belts

ELATECH[®] iSync[®]

In the spirit of continuous innovation, in order to answer to the increased need of industry in power transmission, ELATECH[®] has developed the iSync[®] range of belts. iSync[®] belts are made with special polyurethane compound and high resistance steel tension cords which are processed with a unique and highly sophisticated technology to get

a superior polyurethane belt. iSync[®] belts offer optimal performances on all types of industrial applications. **iSync[®] belts are able to transmit up to 30% more than conventional T, AT type of belts in the same space or same power with a more compact drive.**



Features

- High power transmission capabilities
- Maintenance free
- Superior length stability
- Clean power transmission with no dust dispersion
- No contamination of object in contact
- Very high chemical resistance and particularly to oils, greases and gasoline
- Superior abrasion resistance
- High quality, thermo-set polyurethane designed specifically for timing belt applications
- Available with either steel or Kevlar[®] reinforcement
- Application temperature -10°C - +80 °C (standard)
- Up to +125 °C with special compound PU 53

Typical application fields

ELATECH[®] iSync[®] belts are suitable for power transmission drives where high precision is needed, cleanliness is critical and in difficult environment (presence of chemicals).

- | | |
|---------------------------------|------------------------------------|
| · Plotters | · Cameras |
| · Office automation | · Machine tools |
| · Medical technology | · Robot arms |
| · Packaging machines | · Home appliances |
| · Swimming pool cleaning robots | · Vacuum systems |
| · Banking machines | · Food processing machines |
| · Coin dispenser | · Textile machines |
| · Vending machines | · Gardening equipment and machines |
| · Optical instruments | |

Applications with special backing and cleats are specifically designed for special heavy duty conveying drives.

Available profile range

ELATECH[®] iSync[®] belts are available in a standard range in the following profile range:

T2,5, T5, T10, AT5, AT10, XL, L

As special the following profile can be manufactured on request **MXL, H, HTD5M, DD double sided executions.**

Tension cords

ELATECH[®] iSync[®] timing belts are manufactured with high tensile strength steel cords as standard. All technical data shown in the catalogue are valid for standard cords. Belt with special cords have different mechanical and chemical properties. Special type of tension member such as stainless steel, HFE high flexibility or aramid fiber (Kevlar[®]) are available on request for special applications.

Aramid (Kevlar[®]) tension cords are used where non-magnetic drives are requested.

Stainless steel is used where high corrosion resistance is required.

Fiberglass and polyester are used where high flexibility and water resistance are required.

Food contact approved belts - on request

ELATECH[®] has developed a special formulation for iSync[®] moulded belts for application in:

- packing
- conveying
- processing

of dairy, meat and food products which complies to the food contact law and regulations.

Please contact our Sales Department for more details.

Standard belt sizes - Single tothing

T2,5

Number of teeth z	Length [mm]
48	120
58	145
64	160
71	177,5
72	180
74	185
80	200
84	210
92	230
98	245
106	265
111	277,5
114	285
116	290
122	305
127	317,5
132	330
137	342,5
152	380
168	420
192	480
200	500
216	540
240	600
260	650
312	780
366	915
380	950
590	1475

T5

Number of teeth z	Length [mm]	Number of teeth z	Length [mm]
33	165	112	560
36	180	115	575
37	185	118	590
40	200	120	600
42	210	122	610
43	215	124	620
44	220	125	625
45	225	126	630
49	245	128	640
50	250	130	650
51	255	132	660
52	260	135	675
54	270	138	690
55	275	140	700
56	280	144	720
59	295	145	725
60	300	150	750
61	305	153	765
64	320	156	780
65	325	160	800
66	330	163	815
68	340	166	830
70	350	168	840
71	355	170	850
72	360	172	860
73	365	180	900
75	375	188	940
78	390	198	990
80	400	200	1000
82	410	215	1075
84	420	220	1100
85	425	223	1115
86	430	228	1140
88	440	240	1200
89	445	243	1215
90	450	253	1265
91	455	255	1275
92	460	256	1280
95	475	263	1315
96	480	270	1350
100	500	271	1355
102	510	276	1380
105	525	288	1440
109	545	391	1955
110	550	-	-

T10

Number of teeth z	Length [mm]	Number of teeth z	Length [mm]
26	260	95	950
32	320	96	960
35	350	97	970
37	370	98	980
40	400	100	1000
41	410	101	1010
44	440	105	1050
45	450	108	1080
48	480	110	1100
50	500	111	1110
51	510	114	1140
53	530	115	1150
55	550	120	1200
56	560	121	1210
60	600	124	1240
61	610	125	1250
63	630	130	1300
65	650	132	1320
66	660	135	1350
68	680	139	1390
69	690	140	1400
70	700	142	1420
72	720	144	1440
73	730	145	1450
75	750	146	1460
76	760	150	1500
78	780	156	1560
80	800	160	1600
81	810	161	1610
84	840	170	1700
85	850	175	1750
88	880	178	1780
89	890	180	1800
90	900	188	1880
91	910	196	1960
92	920	225	2250

Ordering example metric pitch:

iSync® metric pitch **U 420 T5 /16**

ELATECH® iSync® metric pitch

Length in mm

Profile "T" pitch 5 mm

Width in mm

VACUUM - T10

Number of teeth z	Length [mm]
60	600
63	630
72	720
80	800
92	920

AT5	
Number of teeth z	Length [mm]
45	225
51	255
56	280
60	300
68	340
75	375
78	390
84	420
90	450
91	455
100	500
109	545
120	600
122	610
132	660
142	710
144	720
150	750
156	780
165	825
172	860
195	975
210	1050
225	1125
257	1285
300	1500

AT10	
Number of teeth z	Length [mm]
50	500
53	530
56	560
58	580
60	600
61	610
66	660
70	700
73	730
78	780
80	800
81	810
84	840
88	880
89	890
92	920
96	960
98	980
100	1000
101	1010
105	1050
108	1080
110	1100
115	1150
120	1200
121	1210
123	1230
125	1250
128	1280
130	1300
132	1320
135	1350
136	1360
140	1400
142	1420
148	1480
150	1500
160	1600
170	1700
172	1720
180	1800
186	1860
194	1940

XL		
Number of teeth z	Length [mm]	Length [inch]
30	152,4	6,00
35	177,8	7,00
40	203,2	8,00
45	228,6	9,00
50	254,0	10,00
55	279,4	11,00
60	304,8	12,00
65	330,2	13,00
70	355,6	14,00
75	381,0	15,00
80	406,4	16,00
85	431,8	17,00
90	457,2	18,00
95	482,6	19,00
100	508,6	20,00
105	533,4	21,00
110	558,8	22,00
115	584,2	23,00
120	609,6	24,00

L		
Number of teeth z	Length [mm]	Length [inch]
33	314,3	12,38
40	381,0	15,00
44	419,1	16,50
46	438,2	17,30
50	476,3	18,75
54	514,4	20,25
56	533,4	21,00
60	571,5	22,50
64	609,6	24,00
68	647,7	25,50
72	685,8	27,00
76	723,9	28,50
80	762,0	30,00
86	819,2	32,25
92	876,3	34,50
98	933,5	36,70
104	990,6	39,00
112	1066,8	42,00
136	1295,4	51,00
144	1371,6	54,00

Ordering example imperial pitch:

iSync® imperial pitch **U 225 L /100**

ELATECH® iSync® Timing Belt

Length x 10 (inches)

Pitch "L"

Width x 100 (inches)

Standard belt sizes - Dual toothing

DT5

Number of teeth z	Length [mm]
82	410
92	460
118	590
124	620
125	625
150	750
160	800
163	815
168	840
172	860
188	940
220	1100

DT10

Number of teeth z	Length [mm]
26	260
53	530
63	630
66	660
72	720
81	810
84	840
92	920
98	980
110	1100
121	1210
124	1240
125	1250
132	1320
135	1350
142	1420
161	1610
188	1880

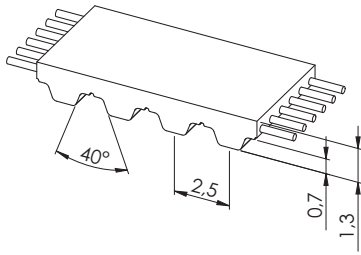
Ordering example dual imperial pitch:

iSync® dual metric pitch UD 620 DT5 /16
 ELATECH® iSync® Timing Belt
 Length in mm
 Profile "T" pitch 5 mm - DUAL
 Width in mm

Special belts

Special belts with cleats, backing and with special moulded shape are designed and manufactured to maximize application performance.




BELT CHARACTERISTICS

- Truly endless polyurethane timing belt with steel tension cords
- Tooth profile according to ISO 17396
- Metric pitch 2,5 mm
- Ideal for drives where high belt flexibility is required
- Allows the use of small diameter pulleys
- Transmissible power up to 5 kW

STANDARD TOLERANCES

WIDTH TOLERANCE: $\pm 0,3$ [mm]
 THICKNESS TOLERANCE: $\pm 0,15$ [mm]

TECHNICAL DATA
Standard steel cord

Belt width b [mm]	4	6	8	10	12	16	25	32
Allowable tensile load [N]	100	160	220	300	360	480	780	1000
Weight [g/m]	6	9	12	15	18	24	37	48

Other widths are available on request

Tooth shear strength

rpm [min ⁻¹]	0	20	40	60	80	100	200	300	400	500	600	700	800	900	1000	1100
M _{spez} [Ncm/cm]	0,471	0,454	0,440	0,429	0,421	0,414	0,382	0,362	0,347	0,335	0,325	0,317	0,31	0,303	0,297	0,292
P _{spez} [W/cm]	0,000	0,010	0,018	0,027	0,035	0,043	0,080	0,114	0,145	0,175	0,204	0,232	0,259	0,286	0,311	0,336
rpm [min ⁻¹]	1200	1300	1400	1440	1500	1600	1700	1800	1900	2000	2200	2400	2600	2800	3000	3200
M _{spez} [Ncm/cm]	0,287	0,283	0,278	0,277	0,274	0,271	0,267	0,264	0,261	0,258	0,253	0,248	0,243	0,239	0,235	0,231
P _{spez} [W/cm]	0,361	0,385	0,408	0,417	0,431	0,454	0,476	0,498	0,519	0,541	0,582	0,622	0,662	0,700	0,715	0,738
rpm [min ⁻¹]	3400	3600	3800	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
M _{spez} [Ncm/cm]	0,228	0,224	0,221	0,218	0,211	0,205	0,200	0,195	0,190	0,186	0,182	0,178	0,174	0,171	0,168	0,165
P _{spez} [W/cm]	0,810	0,845	0,880	0,914	0,996	1,074	1,150	1,223	1,293	1,360	1,426	1,489	1,551	1,611	1,668	1,725

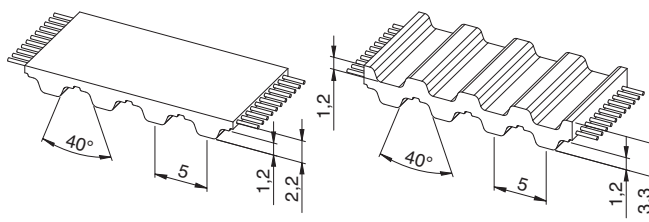
Flexibility

Minimum pulley number of teeth and minimum idler diameter	Drive without reverse bending		Drive with reverse bending	
	z _{min}	idler d _{min}	z _{min}	idler d _{min}
STANDARD	10	15 mm	18	15 mm

Timing pulleys → page 158

BELT CHARACTERISTICS

- Truly endless polyurethane timing belt with steel tension cords
- Tooth profile according to ISO 17396
- Metric pitch 5 mm
- Ideal for drives where high belt flexibility is required
- Allows the use of small diameter pulleys



STANDARD TOLERANCES

WIDTH TOLERANCE: $\pm 0,5$ [mm]
 THICKNESS TOLERANCE: $\pm 0,15$ [mm]

TECHNICAL DATA

Standard steel cord

Belt width b [mm]	10	12	16	25	32	50	75	100
Allowable tensile load [N]	430	520	690	1090	1380	2170	3290	4160
Weight [g/m]	24	28	38	60	77	120	180	240
Weight DT5 [g/m]	27	32	43	68	97	138	210	270

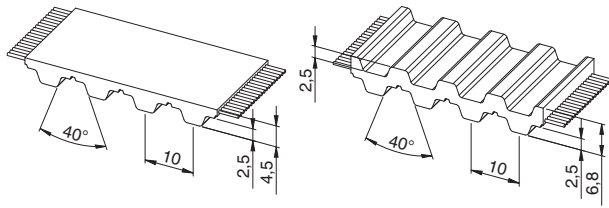
Other widths are available on request

Tooth shear strength

rpm [min ⁻¹]	0	20	40	60	80	100	200	300	400	500	600	700	800	900	1000	1100
M _{spez} [Ncm/cm]	2,523	2,458	2,403	2,354	2,312	2,276	2,135	2,032	1,951	1,884	1,829	1,781	1,738	1,701	1,667	1,635
P _{spez} [W/cm]	0,000	0,051	0,101	0,148	0,194	0,238	0,447	0,638	0,817	0,987	1,149	1,306	1,456	1,603	1,745	1,884
rpm [min ⁻¹]	1200	1300	1400	1440	1500	1600	1700	1800	1900	2000	2200	2400	2600	2800	3000	3200
M _{spez} [Ncm/cm]	1,607	1,580	1,555	1,545	1,532	1,510	1,489	1,470	1,451	1,433	1,400	1,371	1,342	1,317	1,306	1,292
P _{spez} [W/cm]	2,019	2,151	2,279	2,330	2,406	2,529	2,651	2,770	2,888	3,001	3,226	3,445	3,654	3,860	3,940	4,059
rpm [min ⁻¹]	3400	3600	3800	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
M _{spez} [Ncm/cm]	1,248	1,229	1,209	1,191	1,149	1,111	1,078	1,046	1,017	0,991	0,966	0,943	0,920	0,900	0,880	0,862
P _{spez} [W/cm]	4,444	4,632	4,812	4,988	5,414	5,818	6,206	6,571	6,924	7,262	7,588	7,897	8,191	8,480	8,758	9,027

Flexibility

Minimum pulley number of teeth and minimum idler diameter	Drive without reverse bending		Drive with reverse bending	
	z _{min}	idler d _{min}	z _{min}	idler d _{min}
STANDARD	10	30 mm	15	30 mm



BELT CHARACTERISTICS

- Truly endless polyurethane timing belt with steel tension cords
- Tooth profile according to ISO 17396
- Metric pitch 10 mm
- Ideal for drives where high belt flexibility is required
- Allows the use of small diameter pulleys

STANDARD TOLERANCES

WIDTH TOLERANCE: $\pm 0,5$ [mm]

THICKNESS TOLERANCE: $\pm 0,2$ [mm]

TECHNICAL DATA

Standard steel cord

Belt width b [mm]	10	16	25	32	50	75	100	150
Allowable tensile load [N]	890	1520	2280	3040	4680	7080	9490	14170
Weight [g/m]	50	77	120	155	240	365	480	725
Weight DT10 [g/m]	62	92	145	190	290	430	570	900

Other widths are available on request

Tooth shear strength

rpm [min ⁻¹]	0	20	40	60	80	100	200	300	400	500	600	700	800	900	1000	1100
M _{spez} [Ncm/cm]	10,717	10,412	10,147	9,916	9,715	9,541	8,846	8,334	7,938	7,615	7,342	7,106	6,899	6,713	6,545	6,391
P _{spez} [W/cm]	0,000	0,218	0,425	0,623	0,814	0,999	1,853	2,618	3,325	3,987	4,613	5,209	5,779	6,326	6,853	7,362
rpm [min ⁻¹]	1200	1300	1400	1440	1500	1600	1700	1800	1900	2000	2200	2400	2600	2800	3000	3200
M _{spez} [Ncm/cm]	6,250	6,119	5,998	5,951	5,884	5,777	5,676	5,580	5,490	5,404	5,243	5,095	4,959	4,832	4,714	4,603
P _{spez} [W/cm]	7,854	8,330	8,792	8,974	9,242	9,678	10,104	10,518	10,922	11,316	12,077	12,805	13,501	14,168	14,809	15,424
rpm [min ⁻¹]	3400	3600	3800	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
M _{spez} [Ncm/cm]	4,499	4,400	4,307	4,218	4,013	3,829	3,663	3,510	3,370	3,239	3,118	3,004	2,897	2,795	2,700	2,609
P _{spez} [W/cm]	16,017	16,587	17,136	17,666	18,910	20,049	21,094	22,054	22,935	23,743	24,484	25,162	25,781	26,345	26,855	27,317

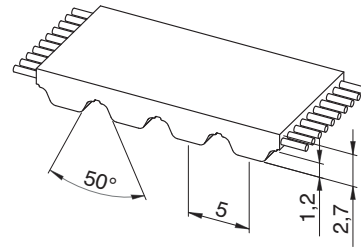
Flexibility

Minimum pulley number of teeth and minimum idler diameter	Drive without reverse bending		Drive with reverse bending	
	z _{min}	idler d _{min}	z _{min}	idler d _{min}
STANDARD	12	60 mm	20	60 mm

Timing pulleys → page 160

BELT CHARACTERISTICS

- Truly endless polyurethane timing belt with steel tension cords
- Tooth profile according to ISO 17396
- Metric pitch 5 mm
- Tooth profile and dimension are optimised to guarantee uniform load distribution and minimum deformation under load
- High resistance and low stretch steel cords to guarantee high stability and low elongation



STANDARD TOLERANCES

WIDTH TOLERANCE: $\pm 0,5$ [mm]
THICKNESS TOLERANCE: $\pm 0,15$ [mm]

TECHNICAL DATA

Standard steel cord

Belt width b [mm]	6	10	16	25	32	50	75	100
Allowable tensile load [N]	430	790	1350	2200	2950	4700	7100	9500
Weight [g/m]	21	34	54	86	110	175	260	350

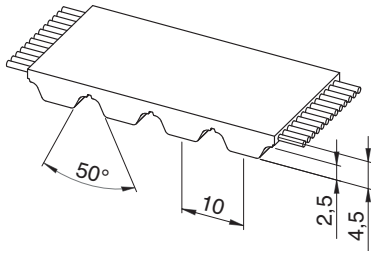
Other widths are available on request

Tooth shear strength

rpm [min ⁻¹]	0	20	40	60	80	100	200	300	400	500	600	700	800	900	1000	1100
M _{spez} [Ncm/cm]	3,813	3,758	3,708	3,663	3,623	3,586	3,448	3,343	3,235	3,137	3,050	2,972	2,900	2,834	2,775	2,719
P _{spez} [W/cm]	0,000	0,079	0,155	0,230	0,304	0,376	0,722	1,050	1,355	1,642	1,916	2,178	2,430	2,671	2,905	3,132
rpm [min ⁻¹]	1200	1300	1400	1440	1500	1600	1700	1800	1900	2000	2200	2400	2600	2800	3000	3200
M _{spez} [Ncm/cm]	2,668	2,620	2,574	2,557	2,531	2,491	2,452	2,416	2,381	2,348	2,285	2,229	2,175	2,125	2,106	2,079
P _{spez} [W/cm]	3,352	3,566	3,773	3,855	3,975	4,173	4,365	4,554	4,737	4,918	5,265	5,601	5,923	6,231	6,352	6,531
rpm [min ⁻¹]	3400	3600	3800	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
M _{spez} [Ncm/cm]	1,993	1,954	1,917	1,881	1,799	1,725	1,658	1,596	1,539	1,485	1,436	1,389	1,346	1,304	1,264	1,228
P _{spez} [W/cm]	7,096	7,368	7,627	7,879	8,479	9,032	9,549	10,029	10,473	10,887	11,278	11,635	11,980	12,289	12,576	12,854

Flexibility

Minimum pulley number of teeth and minimum idler diameter	Drive without reverse bending		Drive with reverse bending	
	z _{min}	idler d _{min}	z _{min}	idler d _{min}
STANDARD	15	25 mm	20	60 mm


BELT CHARACTERISTICS

- Truly endless polyurethane timing belt with steel tension cords
- Tooth profile according to ISO 17396
- Metric pitch 10 mm
- Tooth profile and dimension are optimised to guarantee uniform load distribution and minimum deformation under load
- High resistance and low stretch steel cords to guarantee high stability and low elongation

STANDARD TOLERANCES

WIDTH TOLERANCE: $\pm 0,5$ [mm]
 THICKNESS TOLERANCE: $\pm 0,2$ [mm]

TECHNICAL DATA
Standard steel cord

Belt width b [mm]	16	25	32	50	75	100	150
Allowable tensile load [N]	3150	5450	7100	11000	17200	23000	34600
Weight [g/m]	101	158	200	316	475	630	950

Other widths are available on request

Tooth shear strength

rpm [min ⁻¹]	0	20	40	60	80	100	200	300	400	500	600	700	800	900	1000	1100
M _{spez} [Ncm/cm]	15,903	15,670	15,452	15,246	15,053	14,870	14,103	13,483	12,927	12,439	12,008	11,626	11,282	10,969	10,683	10,418
P _{spez} [W/cm]	0,000	0,328	0,647	0,958	1,261	1,557	2,954	4,236	5,414	6,513	7,545	8,522	9,451	10,337	11,186	12,000
rpm [min ⁻¹]	1200	1300	1400	1440	1500	1600	1700	1800	1900	2000	2200	2400	2600	2800	3000	3200
M _{spez} [Ncm/cm]	10,174	9,945	9,731	9,649	9,529	9,340	9,160	8,990	8,828	8,672	8,380	8,113	7,866	7,632	7,544	7,416
P _{spez} [W/cm]	12,785	13,538	14,266	14,550	14,968	15,649	16,305	16,944	17,563	18,162	19,305	20,390	21,414	22,378	22,751	23,296
rpm [min ⁻¹]	3400	3600	3800	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
M _{spez} [Ncm/cm]	7,019	6,838	6,664	6,500	6,120	5,777	5,464	5,179	4,916	4,670	4,441	4,227	4,023	3,832	3,651	3,479
P _{spez} [W/cm]	24,989	25,778	26,516	27,225	28,837	30,248	31,470	32,536	33,460	34,232	34,878	35,409	35,808	36,113	36,322	36,429

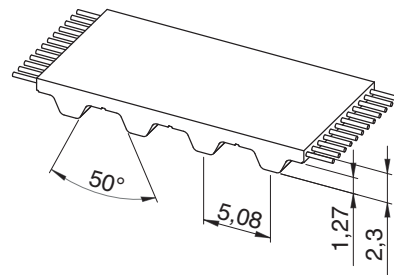
Flexibility

Minimum pulley number of teeth and minimum idler diameter	Drive without reverse bending		Drive with reverse bending	
	z _{min}	idler d _{min}	z _{min}	idler d _{min}
STANDARD	15	50 mm	25	120 mm

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BELT CHARACTERISTICS

- Truly endless polyurethane timing belt with steel tension cords and trapezoidal tooth profile according to UNI/ISO 5296
- Imperial pitch 1/5" = 5,08 mm
- Transmissible power up to 5 kW



STANDARD TOLERANCES

WIDTH TOLERANCE: ±0,5 [mm]
THICKNESS TOLERANCE: ±0,2 [mm]

TECHNICAL DATA

Standard steel cord

Belt width b [inch]/[mm]	0,25/6,35	0,31/7,94	0,37/9,53	0,50/12,7
Allowable tensile load [N]	224	320	384	512
Weight [g/m]	12	16	19	22

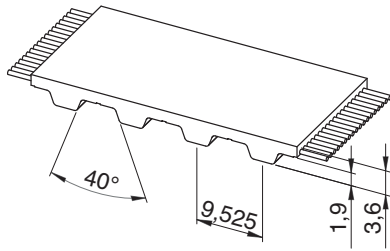
Other widths are available on request

Tooth shear strength

rpm [min ⁻¹]	0	20	40	60	80	100	200	300	400	500	600	700	800	900	1000	1100
M _{spez} [Ncm/cm]	2,638	2,571	2,512	2,462	2,417	2,379	2,233	2,125	2,041	1,973	1,915	1,865	1,821	1,781	1,745	1,712
P _{spez} [W/cm]	0,000	0,054	0,105	0,155	0,202	0,249	0,468	0,668	0,855	1,033	1,203	1,367	1,525	1,678	1,827	1,972
rpm [min ⁻¹]	1200	1300	1400	1440	1500	1600	1700	1800	1900	2000	2200	2400	2600	2800	3000	3200
M _{spez} [Ncm/cm]	1,682	1,654	1,628	1,618	1,604	1,581	1,560	1,539	1,520	1,501	1,467	1,435	1,406	1,379	1,354	1,330
P _{spez} [W/cm]	2,114	2,252	2,387	2,440	2,519	2,649	2,776	2,901	3,024	3,144	3,379	3,607	3,828	4,043	4,253	4,457
rpm [min ⁻¹]	3400	3600	3800	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
M _{spez} [Ncm/cm]	1,308	1,287	1,266	1,247	1,204	1,164	1,129	1,096	1,066	1,038	1,012	0,987	0,964	0,943	0,922	0,903
P _{spez} [W/cm]	4,655	4,850	5,039	5,225	5,671	6,095	6,499	6,885	7,253	7,606	7,945	8,270	8,582	8,883	9,172	9,450

Flexibility

Minimum pulley number of teeth and minimum idler diameter	Drive without reverse bending		Drive with reverse bending	
	z _{min}	idler d _{min}	z _{min}	idler d _{min}
STANDARD	10	30 mm	15	30 mm



BELT CHARACTERISTICS

- Truly endless polyurethane timing belt with steel tension cords and trapezoidal tooth profile according to UNI/ISO 5296
- Imperial pitch 3/8" = 9,525 mm
- Transmissible power up to 20 kW

STANDARD TOLERANCES

WIDTH TOLERANCE: ±0,5 [mm]

THICKNESS TOLERANCE: ±0,2 [mm]

TECHNICAL DATA

Standard steel cord

Belt width b [inch]/[mm]	0,50/12,7	0,75/19,1	1,00/25,4	1,50/38,1	2,00/50,8	3,00/76,2	4,00/101,6
Allowable tensile load [N]	880	1280	1760	2720	3600	5440	7280
Weight [g/m]	50	80	100	150	200	300	400

Other widths are available on request

Tooth shear strength

rpm [min ⁻¹]	0	20	40	60	80	100	200	300	400	500	600	700	800	900	1000	1100
M _{spez} [Ncm/cm]	7,607	7,375	7,174	6,999	6,847	6,714	6,225	5,872	5,596	5,370	5,179	5,013	4,867	4,737	4,618	4,510
P _{spez} [W/cm]	0,000	0,154	0,300	0,440	0,574	0,703	1,304	1,844	2,344	2,811	3,254	3,675	4,077	4,464	4,836	5,195
rpm [min ⁻¹]	1200	1300	1400	1440	1500	1600	1700	1800	1900	2000	2200	2400	2600	2800	3000	3200
M _{spez} [Ncm/cm]	4,411	4,319	4,233	4,200	4,153	4,077	4,006	3,938	3,874	3,813	3,700	3,596	3,499	3,410	3,326	3,248
P _{spez} [W/cm]	5,543	5,879	6,205	6,333	6,522	6,831	7,131	7,423	7,708	7,986	8,523	9,036	9,527	9,997	10,448	10,882
rpm [min ⁻¹]	3400	3600	3800	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	9500	10000
M _{spez} [Ncm/cm]	3,174	3,104	3,038	2,975	2,830	2,700	2,582	2,474	2,374	2,282	2,196	2,115	2,039	1,967	1,899	1,835
P _{spez} [W/cm]	11,299	11,701	12,087	12,460	13,335	14,135	14,869	15,542	16,159	16,725	17,243	17,716	18,148	18,540	18,894	19,214

Flexibility

Minimum pulley number of teeth and minimum idler diameter	Drive without reverse bending		Drive with reverse bending	
	z _{min}	idler d _{min}	z _{min}	idler d _{min}
STANDARD	15	60 mm	20	60 mm

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