

## 5MGT Pitch: 5 mm

Length and pitch designation	Pitch length mm	Number of teeth
200-5MGT	200	40
225-5MGT	225	45
250-5MGT	250	50
265-5MGT	265	53
<b>275-5MGT</b>	<b>275</b>	<b>55</b>
280-5MGT	280	56
285-5MGT	285	57
300-5MGT	300	60
<b>325-5MGT</b>	<b>325</b>	<b>65</b>
330-5MGT	330	66
340-5MGT	340	68
<b>350-5MGT</b>	<b>350</b>	<b>70</b>
360-5MGT	360	72
375-5MGT	375	75
<b>400-5MGT</b>	<b>400</b>	<b>80</b>
410-5MGT	410	82
415-5MGT	415	83
<b>425-5MGT</b>	<b>425</b>	<b>85</b>
<b>450-5MGT</b>	<b>450</b>	<b>90</b>
460-5MGT	460	92
<b>475-5MGT</b>	<b>475</b>	<b>95</b>
490-5MGT	490	98
<b>500-5MGT</b>	<b>500</b>	<b>100</b>
<b>510-5MGT</b>	<b>510</b>	<b>102</b>

Available in widths of 9 mm, 15 mm and 25 mm.



Length and pitch designation	Pitch length mm	Number of teeth
<b>525-5MGT</b>	<b>525</b>	<b>105</b>
<b>530-5MGT</b>	<b>530</b>	<b>106</b>
540-5MGT	540	108
<b>550-5MGT</b>	<b>550</b>	<b>110</b>
<b>600-5MGT</b>	<b>600</b>	<b>120</b>
625-5MGT	625	125
<b>650-5MGT</b>	<b>650</b>	<b>130</b>
665-5MGT	665	133
<b>700-5MGT</b>	<b>700</b>	<b>140</b>
<b>750-5MGT</b>	<b>750</b>	<b>150</b>
775-5MGT	775	155
<b>800-5MGT</b>	<b>800</b>	<b>160</b>
<b>850-5MGT</b>	<b>850</b>	<b>170</b>
860-5MGT	860	172
<b>900-5MGT</b>	<b>900</b>	<b>180</b>
<b>950-5MGT</b>	<b>950</b>	<b>190</b>
980-5MGT	980	196
<b>1000-5MGT</b>	<b>1000</b>	<b>200</b>
1050-5MGT	1050	210
<b>1150-5MGT</b>	<b>1150</b>	<b>230</b>
1270-5MGT	1270	254
1500-5MGT	1500	300
<b>2100-5MGT</b>	<b>2100</b>	<b>420</b>
2440-5MGT	2440	488

## 8MGT Pitch: 8 mm

Length and pitch designation	Pitch length mm	Number of teeth
384-8MGT	384	48
480-8MGT	480	60
560-8MGT	560	70
600-8MGT	600	80
640-8MGT	640	90
720-8MGT	720	90
800-8MGT	800	100
840-8MGT	840	105
880-8MGT	880	110
920-8MGT	920	115
960-8MGT	960	120
1040-8MGT	1040	130
1064-8MGT	1064	133
1080-8MGT	1080	135
1120-8MGT	1120	140
1160-8MGT	1160	145
1200-8MGT	1200	150
1280-8MGT	1280	160
1440-8MGT	1440	180
1512-8MGT	1512	189
1584-8MGT	1584	198
1600-8MGT	1600	200
1760-8MGT	1760	220
1800-8MGT	1800	225
2000-8MGT	2000	250
2400-8MGT	2400	300
2600-8MGT	2600	325
2800-8MGT	2800	350
3048-8MGT	3048	381
3280-8MGT	3280	410
3600-8MGT	3600	450
4400-8MGT	4400	550

Available in widths of 20 mm, 30 mm, 50 mm and 85 mm.

## 14MGT Pitch: 14 mm

Length and pitch designation	Pitch length mm	Number of teeth
<b>966-14MGT</b>	<b>966</b>	<b>69</b>
1190-14MGT	1190	85
1400-14MGT	1400	100
1610-14MGT	1610	115
1750-14MGT	1750	125
1778-14MGT	1778	127
1890-14MGT	1890	135
2100-14MGT	2100	150
2310-14MGT	2310	165
2450-14MGT	2450	175
2590-14MGT	2590	185
2800-14MGT	2800	200
3150-14MGT	3150	225
3360-14MGT	3360	240
3500-14MGT	3500	250
3850-14MGT	3850	275
4326-14MGT	4326	309
4578-14MGT	4578	327
4956-14MGT	4956	354
5320-14MGT	5320	380
5740-14MGT	5740	410
6160-14MGT	6160	440
6860-14MGT	6860	490

Available in widths of 40 mm, 55 mm, 85 mm, 115 mm and 170 mm.

Dimensions in bold are available from stock.

PowerGrip® GT3 ordering code is composed as follows:

PGGT3 501-3MGT-6

PGGT3 - PowerGrip® GT3  
501 - Pitch length (mm)  
3MGT - Pitch 3 mm  
6 - Belt width (mm)

www.gates.com/europe/GT3  
ptindustrial@gates.com

Your distributor:



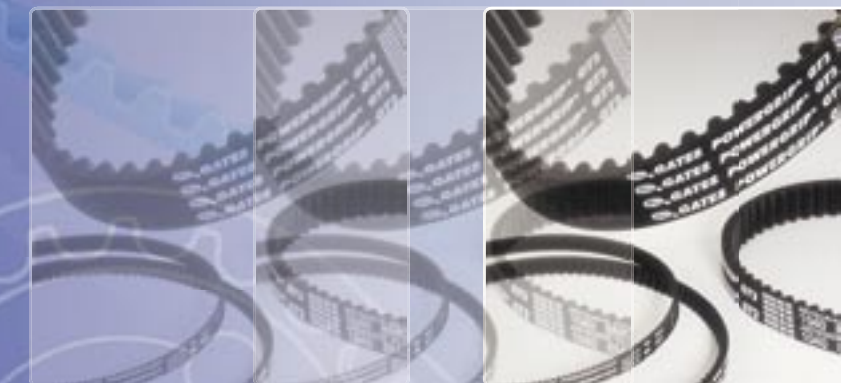
# New

## POWERGRIP® GT3

*Expands the limits of your power transmission solutions*

Today's industries require high quality products. Gates stands for an innovative and top performing product range that can be used for a wide range of applications. Gates' latest development in synchronous rubber belts is PowerGrip® GT3.

The PowerGrip® GT3 product range is a major leap in synchronous rubber belt technology. It is available in five pitches, small 2MGT, 3MGT and 5MGT as well as large 8MGT and 14MGT pitches and covers the widest range of industrial applications.





## POWERGRIP® GT3

### Outperforms all other synchronous rubber belts!

The PowerGrip® GT3 synchronous belt transmits up to 30% more power than previous generation belts. This entire belt range is designed to run on existing drives and does not require any adaptation of the system.

The small 2MGT, 3MGT and 5MGT pitches are ideal for compact drives on hand tools, business machines, domestic appliances, high precision servomotor drives and multi-axis applications. The larger 8MGT and 14MGT pitches are the optimum choice for high performance drives in the machine tool, paper and textile industries where durability and low maintenance are required. They are a perfect replacement for HTD® and GT type drives.

PowerGrip® GT3 8MGT and 14MGT pitches are standard static conductive to ISO 9563 and can be used in hazardous explosive areas. Certificates delivered on request.

They can also be supplied in a silicone-free construction and are therefore ideal for painting processes. As contamination risks are excluded, it is the ideal belt for the automotive industry.

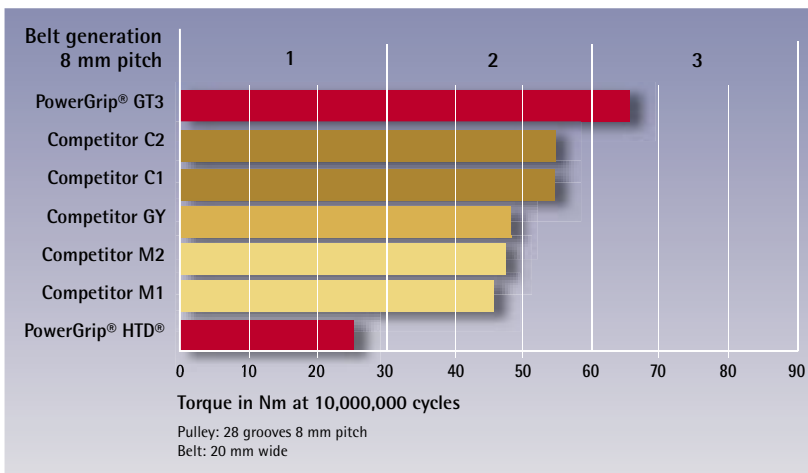
### Construction

- Technologically advanced compound with fibreglass tensile cord, elastomeric teeth and backing and nylon facing.
- Elastomeric backing protects the cords from environmental pollution and frictional wear.
- Helically wound tensile member gives enormous strength, flex life and elongation resistance.
- Low friction nylon facing protects the tooth surfaces against wear.
- Precision-formed and accurately spaced elastomeric teeth.

### Advantages

- Substantially increased power ratings: up to 30% more than previous constructions.
- Compact, light-weight and cost-effective drives.
- Improved tooth jump resistance.
- High capacity belt with reduced noise levels.
- No lubrication needed.

### PowerGrip® GT3 versus competitors' belts



## POWERGRIP® GT3

### Belt range

#### 2MGT

Pitch: 2 mm

Length and pitch designation	Pitch length mm	Number of teeth
74-2MGT	74	37
76-2MGT	76	38
80-2MGT	80	40
90-2MGT	90	45
100-2MGT	100	50
112-2MGT	112	56
124-2MGT	124	62
130-2MGT	130	65
132-2MGT	132	66
134-2MGT	134	67
140-2MGT	140	70
142-2MGT	142	71
152-2MGT	152	76
158-2MGT	158	79
164-2MGT	164	82
168-2MGT	168	84
172-2MGT	172	86
178-2MGT	178	89
180-2MGT	180	90
184-2MGT	184	92
186-2MGT	186	93
192-2MGT	192	96
194-2MGT	194	97
202-2MGT	202	101
208-2MGT	208	104
210-2MGT	210	105
212-2MGT	212	106
216-2MGT	216	108
220-2MGT	220	110
224-2MGT	224	112
232-2MGT	232	116
240-2MGT	240	120
242-2MGT	242	121
250-2MGT	250	125
252-2MGT	252	126
264-2MGT	264	132
274-2MGT	274	137
280-2MGT	280	140
284-2MGT	284	142
286-2MGT	286	143
288-2MGT	288	144
304-2MGT	304	152

Length and pitch designation	Pitch length mm	Number of teeth
310-2MGT	310	155
318-2MGT	318	159
320-2MGT	320	160
322-2MGT	322	161
330-2MGT	330	165
332-2MGT	332	166
336-2MGT	336	168
342-2MGT	342	171
356-2MGT	356	178
364-2MGT	364	182
370-2MGT	370	185
380-2MGT	380	190
386-2MGT	386	193
392-2MGT	392	196
400-2MGT	400	200
406-2MGT	406	203
412-2MGT	412	206
420-2MGT	420	210
428-2MGT	428	214
430-2MGT	430	215
436-2MGT	436	218
466-2MGT	466	233
474-2MGT	474	237
480-2MGT	480	240
488-2MGT	488	244
502-2MGT	502	251
516-2MGT	516	258
534-2MGT	534	267
544-2MGT	544	272
576-2MGT	576	288
580-2MGT	580	290
600-2MGT	600	300
660-2MGT	660	330
690-2MGT	690	345
816-2MGT	816	408
930-2MGT	930	465
1032-2MGT	1032	516
1164-2MGT	1164	582
1386-2MGT	1386	693
1700-2MGT	1700	850
1830-2MGT	1830	915

Available in widths of 3 mm, 6 mm and 9 mm.

#### 3MGT

Pitch: 3 mm

Length and pitch designation	Pitch length mm	Number of teeth
105-3MGT	105	35
120-3MGT	120	40
135-3MGT	135	45
144-3MGT	144	48
<b>150-3MGT</b>	<b>150</b>	<b>50</b>
<b>165-3MGT</b>	<b>165</b>	<b>55</b>
174-3MGT	174	58
180-3MGT	180	60
186-3MGT	186	62
192-3MGT	192	64
195-3MGT	195	65
201-3MGT	201	67
204-3MGT	204	68
210-3MGT	210	70
216-3MGT	216	72
<b>225-3MGT</b>	<b>225</b>	<b>75</b>
231-3MGT	231	77
234-3MGT	234	78
<b>240-3MGT</b>	<b>240</b>	<b>80</b>
243-3MGT	243	81
246-3MGT	246	82
<b>252-3MGT</b>	<b>252</b>	<b>84</b>
<b>255-3MGT</b>	<b>255</b>	<b>85</b>
267-3MGT	267	89
270-3MGT	270	90
276-3MGT	276	92
282-3MGT	282	94
285-3MGT	285	95
288-3MGT	288	96
294-3MGT	294	98
300-3MGT	300	100
303-3MGT	303	101
309-3MGT	309	103
312-3MGT	312	104
324-3MGT	324	108
330-3MGT	330	110
339-3MGT	339	113
354-3MGT	354	118
357-3MGT	357	119

Length and pitch designation	Pitch length mm	Number of teeth
360-3MGT	360	120
363-3MGT	363	121
375-3MGT	375	125
384-3MGT	384	128
387-3MGT	387	129
<b>390-3MGT</b>	<b>390</b>	<b>130</b>
393-3MGT	393	131
399-3MGT	399	133
408-3MGT	408	136
420-3MGT	420	140
426-3MGT	426	142
450-3MGT	450	150
456-3MGT	456	152
<b>480-3MGT</b>	<b>480</b>	<b>160</b>
483-3MGT	483	161
489-3MGT	489	163
495-3MGT	495	165
501-3MGT	501	167
510-3MGT	510	170
513-3MGT	513	171
522-3MGT	522	174
537-3MGT	537	179
<b>540-3MGT</b>	<b>540</b>	<b>180</b>
552-3MGT	552	184
561-3MGT	561	187
564-3MGT	564	188
570-3MGT	570	190
582-3MGT	582	194
588-3MGT	588	196
600-3MGT	600	200
621-3MGT	621	207
630-3MGT	630	210
657-3MGT	657	219
750-3MGT	750	250
840-3MGT	840	280
849-3MGT	849	283
897-3MGT	897	299
1587-3MGT	1587	529
1692-3MGT	1692	564

Available in widths of 6 mm, 9 mm and 15 mm.