

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 |
| 275-5MGT | 275 | 55 |
| 280-5MGT | 280 | 56 |
| 285-5MGT | 285 | 57 |
| 300-5MGT | 300 | 60 |
| 325-5MGT | 325 | 65 |
| 330-5MGT | 330 | 66 |
| 340-5MGT | 340 | 68 |
| 350-5MGT | 350 | 70 |
| 360-5MGT | 360 | 72 |
| 375-5MGT | 375 | 75 |
| 400-5MGT | 400 | 80 |
| 410-5MGT | 410 | 82 |
| 415-5MGT | 415 | 83 |
| 425-5MGT | 425 | 85 |
| 450-5MGT | 450 | 90 |
| 460-5MGT | 460 | 92 |
| 475-5MGT | 475 | 95 |
| 490-5MGT | 490 | 98 |
| 500-5MGT | 500 | 100 |
| 510-5MGT | 510 | 102 |

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



| Length and pitch designation | Pitch length mm | Number of teeth |
|------------------------------|-----------------|-----------------|
| 525-5MGT | 525 | 105 |
| 530-5MGT | 530 | 106 |
| 540-5MGT | 540 | 108 |
| 550-5MGT | 550 | 110 |
| 600-5MGT | 600 | 120 |
| 625-5MGT | 625 | 125 |
| 650-5MGT | 650 | 130 |
| 665-5MGT | 665 | 133 |
| 700-5MGT | 700 | 140 |
| 750-5MGT | 750 | 150 |
| 775-5MGT | 775 | 155 |
| 800-5MGT | 800 | 160 |
| 850-5MGT | 850 | 170 |
| 860-5MGT | 860 | 172 |
| 900-5MGT | 900 | 180 |
| 950-5MGT | 950 | 190 |
| 980-5MGT | 980 | 196 |
| 1000-5MGT | 1000 | 200 |
| 1050-5MGT | 1050 | 210 |
| 1150-5MGT | 1150 | 230 |
| 1270-5MGT | 1270 | 254 |
| 1500-5MGT | 1500 | 300 |
| 2100-5MGT | 2100 | 420 |
| 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 |
|------------------------------|-----------------|-----------------|
| 966-14MGT | 966 | 69 |
| 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:



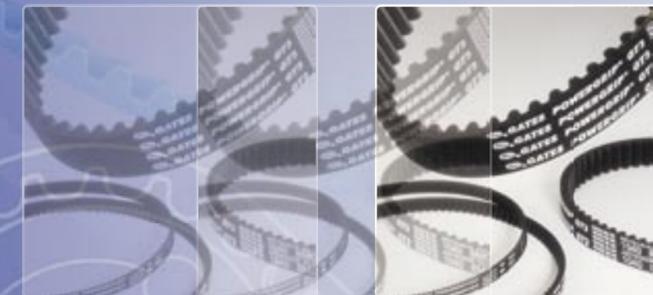
New

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.

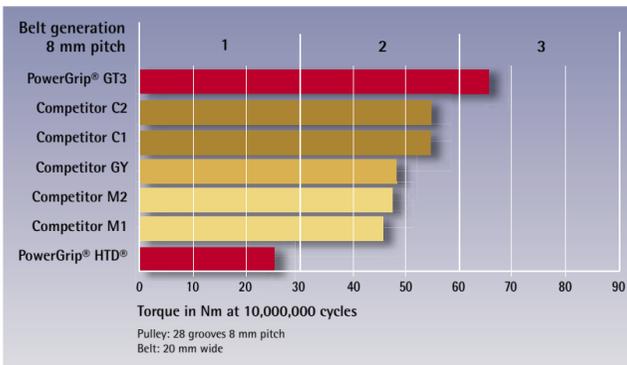
Construction

- 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 |
| 150-3MGT | 150 | 50 |
| 165-3MGT | 165 | 55 |
| 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 |
| 225-3MGT | 225 | 75 |
| 231-3MGT | 231 | 77 |
| 234-3MGT | 234 | 78 |
| 240-3MGT | 240 | 80 |
| 243-3MGT | 243 | 81 |
| 246-3MGT | 246 | 82 |
| 252-3MGT | 252 | 84 |
| 255-3MGT | 255 | 85 |
| 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 |
| 390-3MGT | 390 | 130 |
| 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 |
| 480-3MGT | 480 | 160 |
| 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 |
| 540-3MGT | 540 | 180 |
| 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.