

Super High Torque Timing Belts (EV5GT, EV8YU)

Feature: Circular Tooth Profile Timing Belts with little backlash, suitable for positioning.

EV5GT is compatible with the High Torque Timing Pulley 5GT on P.1143, while EV8YU is compatible with the High Torque Timing Pulley 8YU on P.1145.

GBN

Operating Temp.: -10~80°C (Reference Value)

| Type | Material |
|----------------|---------------------|
| GBN | High Modulus Rubber |
| ① Back Rubber | High Modulus Rubber |
| ② Tooth Rubber | High Modulus Rubber |
| ③ Core Wire | Glass Fiber Cord |
| ④ Tooth Fabric | Nylon Cloth |

Features and Cautions P.1137
 Selection Method P.1967
 Belt Circumference Length is the length of Core Wire.

Ordering Example

| Part Number | | |
|-------------|-------------|--------------------|
| Type | Belt Number | Belt Nominal Width |
| GBN | 300 EV5GT | - 120 |

Days to Ship [Configure Online](#)

| Type | Pitch | R1 | R2 | R3 | b | H | h | i | PLD | Unit Mass g/m (Width: 10mm) |
|-------|-------|------|------|------|------|------|------|------|--------|-----------------------------|
| EV5GT | 5 | 0.51 | 2.54 | 1.37 | 1.03 | 3.80 | 1.93 | 1.87 | 0.5715 | 40.0 |
| EV8YU | 8 | 1.08 | 3.80 | 2.10 | 1.43 | 5.0 | 3.02 | 1.98 | 0.686 | 51.0 |

EV5GT Type (Pitch:5mm)

| Type | Belt Number | Belt Nominal Width | Number of Teeth | Belt Circumference Length (mm) | Unit Price 1~5 pc(s). | | |
|---------------------------|-------------|--------------------|-----------------|--------------------------------|-----------------------|-----|-----|
| | | | | | 90 | 120 | 150 |
| GBN (High Modulus Rubber) | 185 EV5GT | 37 | 185 | | | | |
| | 225 EV5GT | 45 | 225 | | | | |
| | 230 EV5GT | 46 | 230 | | | | |
| | 240 EV5GT | 48 | 240 | | | | |
| | 245 EV5GT | 49 | 245 | | | | |
| | 250 EV5GT | 50 | 250 | | | | |
| | 255 EV5GT | 51 | 255 | | | | |
| | 260 EV5GT | 52 | 260 | | | | |
| | 270 EV5GT | 54 | 270 | | | | |
| | 275 EV5GT | 55 | 275 | | | | |
| | 295 EV5GT | 59 | 295 | | | | |
| | 300 EV5GT | 60 | 300 | | | | |
| | 315 EV5GT | 63 | 315 | | | | |
| | 320 EV5GT | 64 | 320 | | | | |
| | 340 EV5GT | 68 | 340 | | | | |
| | 350 EV5GT | 70 | 350 | | | | |
| | 360 EV5GT | 72 | 360 | | | | |
| | 365 EV5GT | 73 | 365 | | | | |
| | 370 EV5GT | 74 | 370 | | | | |
| | 375 EV5GT | 75 | 375 | | | | |
| | 385 EV5GT | 77 | 385 | | | | |
| | 390 EV5GT | 78 | 390 | | | | |
| | 400 EV5GT | 80 | 400 | | | | |
| | 405 EV5GT | 81 | 405 | | | | |
| | 410 EV5GT | 82 | 410 | | | | |
| | 415 EV5GT | 83 | 415 | | | | |
| | 420 EV5GT | 84 | 420 | | | | |
| | 430 EV5GT | 86 | 430 | | | | |
| | 435 EV5GT | 87 | 435 | | | | |
| | 440 EV5GT | 88 | 440 | | | | |
| | 450 EV5GT | 90 | 450 | | | | |
| | 460 EV5GT | 92 | 460 | | | | |
| | 465 EV5GT | 93 | 465 | | | | |
| | 470 EV5GT | 94 | 470 | | | | |
| | 475 EV5GT | 95 | 475 | | | | |
| | 485 EV5GT | 97 | 485 | | | | |
| | 490 EV5GT | 98 | 490 | | | | |
| | 500 EV5GT | 100 | 500 | | | | |
| | 505 EV5GT | 101 | 505 | | | | |
| | 510 EV5GT | 102 | 510 | | | | |
| | 520 EV5GT | 104 | 520 | | | | |
| | 525 EV5GT | 105 | 525 | | | | |
| | 530 EV5GT | 106 | 530 | | | | |
| | 540 EV5GT | 108 | 540 | | | | |
| | 545 EV5GT | 109 | 545 | | | | |
| | 550 EV5GT | 110 | 550 | | | | |
| | 560 EV5GT | 112 | 560 | | | | |
| | 565 EV5GT | 113 | 565 | | | | |
| | 570 EV5GT | 114 | 570 | | | | |
| | 575 EV5GT | 115 | 575 | | | | |
| | 580 EV5GT | 116 | 580 | | | | |
| | 595 EV5GT | 119 | 595 | | | | |
| | 600 EV5GT | 120 | 600 | | | | |
| | 610 EV5GT | 122 | 610 | | | | |
| | 615 EV5GT | 123 | 615 | | | | |
| | 625 EV5GT | 125 | 625 | | | | |
| | 635 EV5GT | 127 | 635 | | | | |
| | 645 EV5GT | 129 | 645 | | | | |
| | 655 EV5GT | 131 | 655 | | | | |
| | 670 EV5GT | 134 | 670 | | | | |
| | 675 EV5GT | 135 | 675 | | | | |
| | 695 EV5GT | 139 | 695 | | | | |
| | 700 EV5GT | 140 | 700 | | | | |

| Type | Belt Number | Belt Nominal Width | Number of Teeth | Belt Circumference Length (mm) | Unit Price 1~5 pc(s). | | |
|---------------------------|-------------|--------------------|-----------------|--------------------------------|-----------------------|-----|-----|
| | | | | | 90 | 120 | 150 |
| GBN (High Modulus Rubber) | 710 EV5GT | 142 | 710 | | | | |
| | 720 EV5GT | 144 | 720 | | | | |
| | 730 EV5GT | 146 | 730 | | | | |
| | 740 EV5GT | 148 | 740 | | | | |
| | 750 EV5GT | 150 | 750 | | | | |
| | 770 EV5GT | 154 | 770 | | | | |
| | 775 EV5GT | 155 | 775 | | | | |
| | 800 EV5GT | 160 | 800 | | | | |
| | 810 EV5GT | 162 | 810 | | | | |
| | 815 EV5GT | 163 | 815 | | | | |
| | 825 EV5GT | 165 | 825 | | | | |
| | 830 EV5GT | 166 | 830 | | | | |
| | 840 EV5GT | 168 | 840 | | | | |
| | 845 EV5GT | 169 | 845 | | | | |
| | 850 EV5GT | 170 | 850 | | | | |
| | 860 EV5GT | 172 | 860 | | | | |
| | 870 EV5GT | 174 | 870 | | | | |
| | 880 EV5GT | 176 | 880 | | | | |
| | 895 EV5GT | 179 | 895 | | | | |
| | 900 EV5GT | 180 | 900 | | | | |
| | 920 EV5GT | 184 | 920 | | | | |
| | 935 EV5GT | 187 | 935 | | | | |
| | 960 EV5GT | 192 | 960 | | | | |
| | 970 EV5GT | 194 | 970 | | | | |
| | 1000 EV5GT | 200 | 1000 | | | | |
| | 1015 EV5GT | 203 | 1015 | | | | |
| | 1025 EV5GT | 205 | 1025 | | | | |
| | 1050 EV5GT | 210 | 1050 | | | | |
| | 1080 EV5GT | 216 | 1080 | | | | |
| | 1090 EV5GT | 218 | 1090 | | | | |
| | 1145 EV5GT | 229 | 1145 | | | | |
| | 1155 EV5GT | 231 | 1155 | | | | |
| | 1165 EV5GT | 233 | 1165 | | | | |
| | 1170 EV5GT | 234 | 1170 | | | | |
| | 1180 EV5GT | 236 | 1180 | | | | |
| | 1190 EV5GT | 238 | 1190 | | | | |
| | 1210 EV5GT | 242 | 1210 | | | | |
| | 1225 EV5GT | 245 | 1225 | | | | |
| | 1250 EV5GT | 250 | 1250 | | | | |
| | 1270 EV5GT | 254 | 1270 | | | | |
| | 1290 EV5GT | 258 | 1290 | | | | |
| | 1315 EV5GT | 263 | 1315 | | | | |
| | 1330 EV5GT | 266 | 1330 | | | | |
| | 1390 EV5GT | 278 | 1390 | | | | |
| | 1400 EV5GT | 280 | 1400 | | | | |
| | 1440 EV5GT | 288 | 1440 | | | | |
| | 1475 EV5GT | 295 | 1475 | | | | |
| | 1500 EV5GT | 300 | 1500 | | | | |
| | 1530 EV5GT | 306 | 1530 | | | | |
| | 1535 EV5GT | 307 | 1535 | | | | |
| | 1550 EV5GT | 310 | 1550 | | | | |
| | 1585 EV5GT | 317 | 1585 | | | | |
| | 1615 EV5GT | 323 | 1615 | | | | |
| | 1630 EV5GT | 326 | 1630 | | | | |
| | 1675 EV5GT | 335 | 1675 | | | | |
| | 1690 EV5GT | 338 | 1690 | | | | |
| | 1715 EV5GT | 343 | 1715 | | | | |
| | 1800 EV5GT | 360 | 1800 | | | | |
| | 1875 EV5GT | 375 | 1875 | | | | |
| | 1960 EV5GT | 392 | 1960 | | | | |

EV8YU Type (Pitch:8mm)

| Type | Belt Number | Belt Nominal Width | Number of Teeth | Belt Circumference Length (mm) | Unit Price 1~5 pc(s). | | |
|---------------------------|-------------|--------------------|-----------------|--------------------------------|-----------------------|-----|-----|
| | | | | | 150 | 200 | 250 |
| GBN (High Modulus Rubber) | 408 EV8YU | 51 | 408 | | | | |
| | 416 EV8YU | 52 | 416 | | | | |
| | 432 EV8YU | 54 | 432 | | | | |
| | 440 EV8YU | 55 | 440 | | | | |
| | 464 EV8YU | 58 | 464 | | | | |
| | 472 EV8YU | 59 | 472 | | | | |
| | 480 EV8YU | 60 | 480 | | | | |
| | 488 EV8YU | 61 | 488 | | | | |
| | 504 EV8YU | 63 | 504 | | | | |
| | 512 EV8YU | 64 | 512 | | | | |
| | 520 EV8YU | 65 | 520 | | | | |
| | 536 EV8YU | 67 | 536 | | | | |
| | 544 EV8YU | 68 | 544 | | | | |
| | 552 EV8YU | 69 | 552 | | | | |
| | 560 EV8YU | 70 | 560 | | | | |
| | 576 EV8YU | 72 | 576 | | | | |
| | 600 EV8YU | 75 | 600 | | | | |
| | 608 EV8YU | 76 | 608 | | | | |
| | 616 EV8YU | 77 | 616 | | | | |
| | 624 EV8YU | 78 | 624 | | | | |
| | 632 EV8YU | 79 | 632 | | | | |
| | 640 EV8YU | 80 | 640 | | | | |
| | 656 EV8YU | 82 | 656 | | | | |
| | 664 EV8YU | 83 | 664 | | | | |
| | 680 EV8YU | 85 | 680 | | | | |
| | 704 EV8YU | 88 | 704 | | | | |
| | 720 EV8YU | 90 | 720 | | | | |
| | 728 EV8YU | 91 | 728 | | | | |
| | 744 EV8YU | 93 | 744 | | | | |
| | 752 EV8YU | 94 | 752 | | | | |
| | 760 EV8YU | 95 | 760 | | | | |
| | 768 EV8YU | 96 | 768 | | | | |
| | 776 EV8YU | 97 | 776 | | | | |
| | 784 EV8YU | 98 | 784 | | | | |
| | 792 EV8YU | 99 | 792 | | | | |
| | 800 EV8YU | 100 | 800 | | | | |
| | 808 EV8YU | 101 | 808 | | | | |
| | 816 EV8YU | 102 | 816 | | | | |
| | 824 EV8YU | 103 | 824 | | | | |
| | 832 EV8YU | 104 | 832 | | | | |
| | 840 EV8YU | 105 | 840 | | | | |
| | 848 EV8YU | 106 | 848 | | | | |
| | 856 EV8YU | 107 | 856 | | | | |
| | 864 EV8YU | 108 | 864 | | | | |
| | 872 EV8YU | 109 | 872 | | | | |
| | 880 EV8YU | 110 | 880 | | | | |
| | 888 EV8YU | 111 | 888 | | | | |
| | 896 EV8YU | 112 | 896 | | | | |
| | 904 EV8YU | 113 | 904 | | | | |
| | 912 EV8YU | 114 | 912 | | | | |
| | 920 EV8YU | 115 | 920 | | | | |
| | 928 EV8YU | 116 | 928 | | | | |
| | 936 EV8YU | 117 | 936 | | | | |
| | 944 EV8YU | 118 | 944 | | | | |
| | 952 EV8YU | 119 | 952 | | | | |
| | 960 EV8YU | 120 | 960 | | | | |
| | 968 EV8YU | 121 | 968 | | | | |
| | 976 EV8YU | 122 | 976 | | | | |
| | 984 EV8YU | 123 | 984 | | | | |
| | 992 EV8YU | 124 | 992 | | | | |
| | 1000 EV8YU | 125 | 1000 | | | | |
| | 1008 EV8YU | 126 | 1008 | | | | |
| | 1016 EV8YU | 127 | 1016 | | | | |
| | 1032 EV8YU | 129 | 1032 | | | | |
| | 1040 EV8YU | 130 | 1040 | | | | |
| | 1064 EV8YU | 133 | 1064 | | | | |
| | 1072 EV8YU | 134 | 1072 | | | | |
| | 1080 EV8YU | 135 | 1080 | | | | |
| | 1088 EV8YU | 136 | 1088 | | | | |
| | 1096 EV8YU | 137 | 1096 | | | | |
| | 1112 EV8YU | 139 | 1112 | | | | |
| | 1120 EV8YU | 140 | 1120 | | | | |
| | 1128 EV8YU | 141 | 1128 | | | | |
| | 1136 EV8YU | 142 | 1136 | | | | |
| | 1144 EV8YU | 143 | 1144 | | | | |
| | 1152 EV8YU | 144 | 1152 | | | | |
| | 1160 EV8YU | 145 | 1160 | | | | |
| | 1168 EV8YU | 146 | 1168 | | | | |
| | 1176 EV8YU | 147 | 1176 | | | | |
| | 1184 EV8YU | 148 | 1184 | | | | |
| | 1192 EV8YU | 149 | 1192 | | | | |
| | 1200 EV8YU | 150 | 1200 | | | | |
| | 1208 EV8YU | 151 | 1208 | | | | |
| | 1216 EV8YU | 152 | 1216 | | | | |

| Type | Belt Number | Belt Nominal Width | Number of Teeth | Belt Circumference Length (mm) | Unit Price 1~5 pc(s). | | |
|---------------------------|-------------|--------------------|-----------------|--------------------------------|-----------------------|-----|-----|
| | | | | | 150 | 200 | 250 |
| GBN (High Modulus Rubber) | 1224 EV8YU | 153 | 1224 | | | | |
| | 1232 EV8YU | 154 | 1232 | | | | |
| | 1240 EV8YU | 155 | 1240 | | | | |
| | 1248 EV8YU | 156 | 1248 | | | | |
| | 1256 EV8YU | 157 | 1256 | | | | |
| | 1264 EV8YU | 158 | 1264 | | | | |
| | 1272 EV8YU | 159 | 1272 | | | | |