PINGXIANG HUSHENG RUBBER PRODUCTS CO.,LTD

# HTD 5M Synchronous Belt — Specification & Complete Size Chart

5 mm Pitch Curvilinear (HTD) Timing Belt · Conforms to ISO 13050 · Shusheng Brand

**Shusheng**

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# HTD 5M Synchronous Belt — Specification, Materials & Complete Size Chart

## 1. HTD 5M Synchronous Belt Overview

A 5 mm pitch curvilinear tooth belt for precise, quiet drives in appliances, office machines and light automation.

The HTD 5M synchronous belt (also written 5M timing belt) is a **curvilinear tooth** timing belt with an exact **5 mm pitch** — the intermediate size of the HTD family, smaller than 8M and 14M but larger than 3M. It suits compact machines that still need accurate timing, and it transmits power by tooth-and-groove meshing rather than friction, so a 5M drive runs with no slip, no speed drift and no lubrication. The rounded HTD tooth spreads stress evenly at the root and therefore carries more torque than a trapezoidal profile of the same width.

A 5M belt delivers up to **98% transmission efficiency**, runs at line speeds up to **40 m/s** and holds a speed ratio up to **1:10**. Every belt here conforms to **ISO 13050**, the standard for metric-pitch curvilinear (HTD) synchronous belt drives, and is dimensionally interchangeable with equivalent-profile 5M belts from other makers. This document covers the belt code (section 2), the technical specification (section 3), the complete size list from **5M-170** to **5M-4410** (section 4), the materials (section 5) and contact details.




**Figure 1:** An HTD 5M synchronous belt — 5 mm pitch, 2.06 mm tooth height, 3.8 mm belt thickness — with the moulded belt code (HTD 5M-520) on the back.

## 2. Belt Designation & Code Meaning

How the profile, the dimensions and the code on the belt are read.

### 2.1 Profile geometry

rounded tooth flank meshes progressively with uniform stress distribution and minimal backlash.

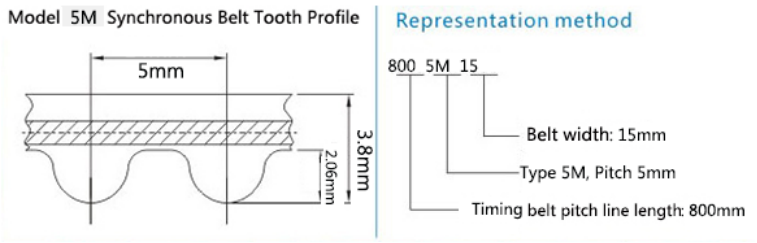



**Figure 2:** HTD 5M tooth profile and representation method — a 5 mm tooth pitch, a 2.06 mm tooth height and about a 3.8 mm belt total thickness, with the code read as pitch line length – type 5M – belt width.

### 2.2 How the code reads

A 5M belt is designated by its **pitch line length in millimetres** together with the profile code **5M** and the width: **[Pitch Length] - [Pitch Code] - [Belt Width]**, for example **450-5M-15** is a 5M belt with a **450 mm pitch line length** and a **15 mm width**. Our size list and purchase codes write the same belt as **5M-450**; the codes **5M-450 and 450-5M are identical** and both mean a 5M belt with a 450 mm pitch line length. The size chart gives both forms side by side.

The number is the **pitch line length** measured at the cord line, not the outside or inside length. Since the pitch length is always a whole multiple of 5 mm, the tooth count follows directly: teeth = pitch length ÷ 5 mm. So **5M-450** is **450 mm** / 90 teeth, while **5M-170** is 170 mm and **5M-4410** is 4410 mm.

### 2.3 Belt widths

Four standard widths are stocked, chosen separately from the pitch length to suit the torque transmitted; non-standard widths and custom lengths are supplied on request.

**Table 1 HTD 5M standard belt widths**

| Width (mm) | Typical Drive Duty |
|---|---|
| **10 mm** | Very light office and appliance drives such as small fans and sweepers |
| **15 mm** | Printers, copiers and light conveyors |
| **20 mm** | Packaging machines and CNC auxiliaries |
| **25 mm** | Widest standard width, highest torque capacity of the 5M range |

### 2.4 Marking & interchangeability

Each belt carries its pitch line length and the profile code 5M on the back, so a belt in service can be re-ordered without measuring the drive. A 5M belt must run on a 5M (HTD) pulley — not

on an S5M or other pulley, whose flatter tooth form is not interchangeable.

## 3. Technical Specifications

All sizes share the same profile, materials and performance; only the pitch length and tooth count change.

**Table 2 HTD 5M Synchronous Belt — Profile & Dimensions**

| Property | Specification |
|---|---|
| **Profile / System** | Metric-pitch curvilinear synchronous belt (HTD 5M series) |
| **Tooth Pitch** | 5 mm |
| **Tooth Height** | ~2.06 mm |
| **Belt Total Thickness** | ~3.8 mm |
| **Tooth Profile** | Curvilinear (HTD) |
| **Standard Widths** | 10 / 15 / 20 / 25 mm; non-standard widths on request |
| **Standard** | Conforms to ISO 13050 (synchronous belt drives, metric pitch, curvilinear tooth profile) |

**Table 3 HTD 5M Synchronous Belt — Performance & Ordering Data**

| Property | Specification |
|---|---|
| **Tensile Member** | Imported high-strength glass fiber cord; aramid (Kevlar) cord optional |
| **Body Compound** | Premium synthetic chloroprene rubber (CR); HNBR compound optional for high-oil or high-temperature duty |
| **Tooth Facing** | Specially treated high-elasticity Nylon 66 fabric |
| **Transmission Efficiency** | Up to 98% |
| **Maximum Linear Speed** | 40 m/s |
| **Speed Ratio** | Up to 1:10 |
| **Operating Temperature** | −30 °C to +90 °C |
| **Pitch Length Range** | 5M-170 to 5M-4410 — 170 mm to 4410 mm (424 standard models) |
| **Minimum Order Quantity** | 50 pcs per size (standard); custom sizes on request |
| **Indicative Price Range** | US$1.02 – US$88.20 per piece (varies by length and width) |
| **Lead Time** | 15–20 days |

Every code in the range maps directly to its dimensions: the **number in the code is the pitch line length in millimetres**, and the **tooth count is that length divided by the 5 mm pitch**. So 5M-170 is 170 mm / 34 teeth, 5M-450 is 450 mm / 90 teeth, and 5M-4410 is 4410 mm / 882 teeth.

## 4. Complete HTD 5M Size Chart

The table below lists every stocked HTD 5M belt with its pitch line length and tooth count, in both accepted code forms. The number in a 5M belt code is the pitch line length in millimetres — so **5M-450 and 450-5M are the same belt** — and the tooth count follows as pitch length divided by the 5 mm pitch.

**Table 4 Complete HTD 5M Size Chart — 284 standard models, 5M-170 to 5M-1585 • both code forms are given (5M-170 = 170-5M)**

| Belt Code | Equivalent Code | Pitch Length (mm) | Teeth (n) | Belt Code | Equivalent Code | Pitch Length (mm) | Teeth (n) | Belt Code | Equivalent Code | Pitch Length (mm) | Teeth (n) | Belt Code | Equivalent Code | Pitch Length (mm) | Teeth (n) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5M-170 | 170-5M | 170 | 34 | 5M-525 | 525-5M | 525 | 105 | 5M-880 | 880-5M | 880 | 176 | 5M-1235 | 1235-5M | 1235 | 247 |
| 5M-175 | 175-5M | 175 | 35 | 5M-530 | 530-5M | 530 | 106 | 5M-885 | 885-5M | 885 | 177 | 5M-1240 | 1240-5M | 1240 | 248 |
| 5M-180 | 180-5M | 180 | 36 | 5M-535 | 535-5M | 535 | 107 | 5M-890 | 890-5M | 890 | 178 | 5M-1245 | 1245-5M | 1245 | 249 |
| 5M-185 | 185-5M | 185 | 37 | 5M-540 | 540-5M | 540 | 108 | 5M-895 | 895-5M | 895 | 179 | 5M-1250 | 1250-5M | 1250 | 250 |
| 5M-190 | 190-5M | 190 | 38 | 5M-545 | 545-5M | 545 | 109 | 5M-900 | 900-5M | 900 | 180 | 5M-1255 | 1255-5M | 1255 | 251 |
| 5M-195 | 195-5M | 195 | 39 | 5M-550 | 550-5M | 550 | 110 | 5M-905 | 905-5M | 905 | 181 | 5M-1260 | 1260-5M | 1260 | 252 |
| 5M-200 | 200-5M | 200 | 40 | 5M-555 | 555-5M | 555 | 111 | 5M-910 | 910-5M | 910 | 182 | 5M-1265 | 1265-5M | 1265 | 253 |
| 5M-205 | 205-5M | 205 | 41 | 5M-560 | 560-5M | 560 | 112 | 5M-915 | 915-5M | 915 | 183 | 5M-1270 | 1270-5M | 1270 | 254 |
| 5M-210 | 210-5M | 210 | 42 | 5M-565 | 565-5M | 565 | 113 | 5M-920 | 920-5M | 920 | 184 | 5M-1275 | 1275-5M | 1275 | 255 |
| 5M-215 | 215-5M | 215 | 43 | 5M-570 | 570-5M | 570 | 114 | 5M-925 | 925-5M | 925 | 185 | 5M-1280 | 1280-5M | 1280 | 256 |
| 5M-220 | 220-5M | 220 | 44 | 5M-575 | 575-5M | 575 | 115 | 5M-930 | 930-5M | 930 | 186 | 5M-1285 | 1285-5M | 1285 | 257 |
| 5M-225 | 225-5M | 225 | 45 | 5M-580 | 580-5M | 580 | 116 | 5M-935 | 935-5M | 935 | 187 | 5M-1290 | 1290-5M | 1290 | 258 |
| 5M-230 | 230-5M | 230 | 46 | 5M-585 | 585-5M | 585 | 117 | 5M-940 | 940-5M | 940 | 188 | 5M-1295 | 1295-5M | 1295 | 259 |
| 5M-235 | 235-5M | 235 | 47 | 5M-590 | 590-5M | 590 | 118 | 5M-945 | 945-5M | 945 | 189 | 5M-1300 | 1300-5M | 1300 | 260 |
| 5M-240 | 240-5M | 240 | 48 | 5M-595 | 595-5M | 595 | 119 | 5M-950 | 950-5M | 950 | 190 | 5M-1305 | 1305-5M | 1305 | 261 |
| 5M-245 | 245-5M | 245 | 49 | 5M-600 | 600-5M | 600 | 120 | 5M-955 | 955-5M | 955 | 191 | 5M-1310 | 1310-5M | 1310 | 262 |
| 5M-250 | 250-5M | 250 | 50 | 5M-605 | 605-5M | 605 | 121 | 5M-960 | 960-5M | 960 | 192 | 5M-1315 | 1315-5M | 1315 | 263 |
| 5M-255 | 255-5M | 255 | 51 | 5M-610 | 610-5M | 610 | 122 | 5M-965 | 965-5M | 965 | 193 | 5M-1320 | 1320-5M | 1320 | 264 |
| 5M-260 | 260-5M | 260 | 52 | 5M-615 | 615-5M | 615 | 123 | 5M-970 | 970-5M | 970 | 194 | 5M-1325 | 1325-5M | 1325 | 265 |
| 5M-265 | 265-5M | 265 | 53 | 5M-620 | 620-5M | 620 | 124 | 5M-975 | 975-5M | 975 | 195 | 5M-1330 | 1330-5M | 1330 | 266 |
| 5M-270 | 270-5M | 270 | 54 | 5M-625 | 625-5M | 625 | 125 | 5M-980 | 980-5M | 980 | 196 | 5M-1335 | 1335-5M | 1335 | 267 |
| 5M-275 | 275-5M | 275 | 55 | 5M-630 | 630-5M | 630 | 126 | 5M-985 | 985-5M | 985 | 197 | 5M-1340 | 1340-5M | 1340 | 268 |
| 5M-280 | 280-5M | 280 | 56 | 5M-635 | 635-5M | 635 | 127 | 5M-990 | 990-5M | 990 | 198 | 5M-1345 | 1345-5M | 1345 | 269 |
| 5M-285 | 285-5M | 285 | 57 | 5M-640 | 640-5M | 640 | 128 | 5M-995 | 995-5M | 995 | 199 | 5M-1350 | 1350-5M | 1350 | 270 |
| 5M-290 | 290-5M | 290 | 58 | 5M-645 | 645-5M | 645 | 129 | 5M-1000 | 1000-5M | 1000 | 200 | 5M-1355 | 1355-5M | 1355 | 271 |
| 5M-295 | 295-5M | 295 | 59 | 5M-650 | 650-5M | 650 | 130 | 5M-1005 | 1005-5M | 1005 | 201 | 5M-1360 | 1360-5M | 1360 | 272 |
| 5M-300 | 300-5M | 300 | 60 | 5M-655 | 655-5M | 655 | 131 | 5M-1010 | 1010-5M | 1010 | 202 | 5M-1365 | 1365-5M | 1365 | 273 |
| 5M-305 | 305-5M | 305 | 61 | 5M-660 | 660-5M | 660 | 132 | 5M-1015 | 1015-5M | 1015 | 203 | 5M-1370 | 1370-5M | 1370 | 274 |
| 5M-310 | 310-5M | 310 | 62 | 5M-665 | 665-5M | 665 | 133 | 5M-1020 | 1020-5M | 1020 | 204 | 5M-1375 | 1375-5M | 1375 | 275 |
| 5M-315 | 315-5M | 315 | 63 | 5M-670 | 670-5M | 670 | 134 | 5M-1025 | 1025-5M | 1025 | 205 | 5M-1380 | 1380-5M | 1380 | 276 |
| 5M-320 | 320-5M | 320 | 64 | 5M-675 | 675-5M | 675 | 135 | 5M-1030 | 1030-5M | 1030 | 206 | 5M-1385 | 1385-5M | 1385 | 277 |
| 5M-325 | 325-5M | 325 | 65 | 5M-680 | 680-5M | 680 | 136 | 5M-1035 | 1035-5M | 1035 | 207 | 5M-1390 | 1390-5M | 1390 | 278 |
| 5M-330 | 330-5M | 330 | 66 | 5M-685 | 685-5M | 685 | 137 | 5M-1040 | 1040-5M | 1040 | 208 | 5M-1395 | 1395-5M | 1395 | 279 |
| 5M-335 | 335-5M | 335 | 67 | 5M-690 | 690-5M | 690 | 138 | 5M-1045 | 1045-5M | 1045 | 209 | 5M-1400 | 1400-5M | 1400 | 280 |
| 5M-340 | 340-5M | 340 | 68 | 5M-695 | 695-5M | 695 | 139 | 5M-1050 | 1050-5M | 1050 | 210 | 5M-1405 | 1405-5M | 1405 | 281 |
| 5M-345 | 345-5M | 345 | 69 | 5M-700 | 700-5M | 700 | 140 | 5M-1055 | 1055-5M | 1055 | 211 | 5M-1410 | 1410-5M | 1410 | 282 |
| 5M-350 | 350-5M | 350 | 70 | 5M-705 | 705-5M | 705 | 141 | 5M-1060 | 1060-5M | 1060 | 212 | 5M-1415 | 1415-5M | 1415 | 283 |
| 5M-355 | 355-5M | 355 | 71 | 5M-710 | 710-5M | 710 | 142 | 5M-1065 | 1065-5M | 1065 | 213 | 5M-1420 | 1420-5M | 1420 | 284 |
| 5M-360 | 360-5M | 360 | 72 | 5M-715 | 715-5M | 715 | 143 | 5M-1070 | 1070-5M | 1070 | 214 | 5M-1425 | 1425-5M | 1425 | 285 |
| 5M-365 | 365-5M | 365 | 73 | 5M-720 | 720-5M | 720 | 144 | 5M-1075 | 1075-5M | 1075 | 215 | 5M-1430 | 1430-5M | 1430 | 286 |
| 5M-370 | 370-5M | 370 | 74 | 5M-725 | 725-5M | 725 | 145 | 5M-1080 | 1080-5M | 1080 | 216 | 5M-1435 | 1435-5M | 1435 | 287 |
| 5M-375 | 375-5M | 375 | 75 | 5M-730 | 730-5M | 730 | 146 | 5M-1085 | 1085-5M | 1085 | 217 | 5M-1440 | 1440-5M | 1440 | 288 |
| 5M-380 | 380-5M | 380 | 76 | 5M-735 | 735-5M | 735 | 147 | 5M-1090 | 1090-5M | 1090 | 218 | 5M-1445 | 1445-5M | 1445 | 289 |
| 5M-385 | 385-5M | 385 | 77 | 5M-740 | 740-5M | 740 | 148 | 5M-1095 | 1095-5M | 1095 | 219 | 5M-1450 | 1450-5M | 1450 | 290 |
| 5M-390 | 390-5M | 390 | 78 | 5M-745 | 745-5M | 745 | 149 | 5M-1100 | 1100-5M | 1100 | 220 | 5M-1455 | 1455-5M | 1455 | 291 |
| 5M-395 | 395-5M | 395 | 79 | 5M-750 | 750-5M | 750 | 150 | 5M-1105 | 1105-5M | 1105 | 221 | 5M-1460 | 1460-5M | 1460 | 292 |
| 5M-400 | 400-5M | 400 | 80 | 5M-755 | 755-5M | 755 | 151 | 5M-1110 | 1110-5M | 1110 | 222 | 5M-1465 | 1465-5M | 1465 | 293 |
| 5M-405 | 405-5M | 405 | 81 | 5M-760 | 760-5M | 760 | 152 | 5M-1115 | 1115-5M | 1115 | 223 | 5M-1470 | 1470-5M | 1470 | 294 |
| 5M-410 | 410-5M | 410 | 82 | 5M-765 | 765-5M | 765 | 153 | 5M-1120 | 1120-5M | 1120 | 224 | 5M-1475 | 1475-5M | 1475 | 295 |
| 5M-415 | 415-5M | 415 | 83 | 5M-770 | 770-5M | 770 | 154 | 5M-1125 | 1125-5M | 1125 | 225 | 5M-1480 | 1480-5M | 1480 | 296 |
| 5M-420 | 420-5M | 420 | 84 | 5M-775 | 775-5M | 775 | 155 | 5M-1130 | 1130-5M | 1130 | 226 | 5M-1485 | 1485-5M | 1485 | 297 |
| 5M-425 | 425-5M | 425 | 85 | 5M-780 | 780-5M | 780 | 156 | 5M-1135 | 1135-5M | 1135 | 227 | 5M-1490 | 1490-5M | 1490 | 298 |
| 5M-430 | 430-5M | 430 | 86 | 5M-785 | 785-5M | 785 | 157 | 5M-1140 | 1140-5M | 1140 | 228 | 5M-1495 | 1495-5M | 1495 | 299 |
| 5M-435 | 435-5M | 435 | 87 | 5M-790 | 790-5M | 790 | 158 | 5M-1145 | 1145-5M | 1145 | 229 | 5M-1500 | 1500-5M | 1500 | 300 |
| 5M-440 | 440-5M | 440 | 88 | 5M-795 | 795-5M | 795 | 159 | 5M-1150 | 1150-5M | 1150 | 230 | 5M-1505 | 1505-5M | 1505 | 301 |
| 5M-445 | 445-5M | 445 | 89 | 5M-800 | 800-5M | 800 | 160 | 5M-1155 | 1155-5M | 1155 | 231 | 5M-1510 | 1510-5M | 1510 | 302 |
| 5M-450 | 450-5M | 450 | 90 | 5M-805 | 805-5M | 805 | 161 | 5M-1160 | 1160-5M | 1160 | 232 | 5M-1515 | 1515-5M | 1515 | 303 |
| 5M-455 | 455-5M | 455 | 91 | 5M-810 | 810-5M | 810 | 162 | 5M-1165 | 1165-5M | 1165 | 233 | 5M-1520 | 1520-5M | 1520 | 304 |
| 5M-460 | 460-5M | 460 | 92 | 5M-815 | 815-5M | 815 | 163 | 5M-1170 | 1170-5M | 1170 | 234 | 5M-1525 | 1525-5M | 1525 | 305 |
| 5M-465 | 465-5M | 465 | 93 | 5M-820 | 820-5M | 820 | 164 | 5M-1175 | 1175-5M | 1175 | 235 | 5M-1530 | 1530-5M | 1530 | 306 |
| 5M-470 | 470-5M | 470 | 94 | 5M-825 | 825-5M | 825 | 165 | 5M-1180 | 1180-5M | 1180 | 236 | 5M-1535 | 1535-5M | 1535 | 307 |
| 5M-475 | 475-5M | 475 | 95 | 5M-830 | 830-5M | 830 | 166 | 5M-1185 | 1185-5M | 1185 | 237 | 5M-1540 | 1540-5M | 1540 | 308 |
| 5M-480 | 480-5M | 480 | 96 | 5M-835 | 835-5M | 835 | 167 | 5M-1190 | 1190-5M | 1190 | 238 | 5M-1545 | 1545-5M | 1545 | 309 |
| 5M-485 | 485-5M | 485 | 97 | 5M-840 | 840-5M | 840 | 168 | 5M-1195 | 1195-5M | 1195 | 239 | 5M-1550 | 1550-5M | 1550 | 310 |
| 5M-490 | 490-5M | 490 | 98 | 5M-845 | 845-5M | 845 | 169 | 5M-1200 | 1200-5M | 1200 | 240 | 5M-1555 | 1555-5M | 1555 | 311 |
| 5M-495 | 495-5M | 495 | 99 | 5M-850 | 850-5M | 850 | 170 | 5M-1205 | 1205-5M | 1205 | 241 | 5M-1560 | 1560-5M | 1560 | 312 |
| 5M-500 | 500-5M | 500 | 100 | 5M-855 | 855-5M | 855 | 171 | 5M-1210 | 1210-5M | 1210 | 242 | 5M-1565 | 1565-5M | 1565 | 313 |
| 5M-505 | 505-5M | 505 | 101 | 5M-860 | 860-5M | 860 | 172 | 5M-1215 | 1215-5M | 1215 | 243 | 5M-1570 | 1570-5M | 1570 | 314 |
| 5M-510 | 510-5M | 510 | 102 | 5M-865 | 865-5M | 865 | 173 | 5M-1220 | 1220-5M | 1220 | 244 | 5M-1575 | 1575-5M | 1575 | 315 |
| 5M-515 | 515-5M | 515 | 103 | 5M-870 | 870-5M | 870 | 174 | 5M-1225 | 1225-5M | 1225 | 245 | 5M-1580 | 1580-5M | 1580 | 316 |
| 5M-520 | 520-5M | 520 | 104 | 5M-875 | 875-5M | 875 | 175 | 5M-1230 | 1230-5M | 1230 | 246 | 5M-1585 | 1585-5M | 1585 | 317 |

**Table 5 Complete HTD 5M Size Chart — 140 standard models, 5M-1590 to 5M-4410 • both code forms are given (5M-1590 = 1590-5M)**

| Belt Code | Equivalent Code | Pitch Length (mm) | Teeth (n) | Belt Code | Equivalent Code | Pitch Length (mm) | Teeth (n) | Belt Code | Equivalent Code | Pitch Length (mm) | Teeth (n) | Belt Code | Equivalent Code | Pitch Length (mm) | Teeth (n) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5M-1590 | 1590-5M | 1590 | 318 | 5M-1770 | 1770-5M | 1770 | 354 | 5M-1945 | 1945-5M | 1945 | 389 | 5M-2200 | 2200-5M | 2200 | 440 |
| 5M-1595 | 1595-5M | 1595 | 319 | 5M-1775 | 1775-5M | 1775 | 355 | 5M-1950 | 1950-5M | 1950 | 390 | 5M-2230 | 2230-5M | 2230 | 446 |
| 5M-1600 | 1600-5M | 1600 | 320 | 5M-1780 | 1780-5M | 1780 | 356 | 5M-1955 | 1955-5M | 1955 | 391 | 5M-2250 | 2250-5M | 2250 | 450 |
| 5M-1605 | 1605-5M | 1605 | 321 | 5M-1785 | 1785-5M | 1785 | 357 | 5M-1960 | 1960-5M | 1960 | 392 | 5M-2280 | 2280-5M | 2280 | 456 |
| 5M-1610 | 1610-5M | 1610 | 322 | 5M-1790 | 1790-5M | 1790 | 358 | 5M-1965 | 1965-5M | 1965 | 393 | 5M-2285 | 2285-5M | 2285 | 457 |
| 5M-1615 | 1615-5M | 1615 | 323 | 5M-1795 | 1795-5M | 1795 | 359 | 5M-1975 | 1975-5M | 1975 | 395 | 5M-2300 | 2300-5M | 2300 | 460 |
| 5M-1620 | 1620-5M | 1620 | 324 | 5M-1800 | 1800-5M | 1800 | 360 | 5M-1980 | 1980-5M | 1980 | 396 | 5M-2305 | 2305-5M | 2305 | 461 |
| 5M-1625 | 1625-5M | 1625 | 325 | 5M-1805 | 1805-5M | 1805 | 361 | 5M-1990 | 1990-5M | 1990 | 398 | 5M-2310 | 2310-5M | 2310 | 462 |
| 5M-1630 | 1630-5M | 1630 | 326 | 5M-1810 | 1810-5M | 1810 | 362 | 5M-2000 | 2000-5M | 2000 | 400 | 5M-2320 | 2320-5M | 2320 | 464 |
| 5M-1635 | 1635-5M | 1635 | 327 | 5M-1815 | 1815-5M | 1815 | 363 | 5M-2010 | 2010-5M | 2010 | 402 | 5M-2330 | 2330-5M | 2330 | 466 |
| 5M-1640 | 1640-5M | 1640 | 328 | 5M-1820 | 1820-5M | 1820 | 364 | 5M-2015 | 2015-5M | 2015 | 403 | 5M-2350 | 2350-5M | 2350 | 470 |
| 5M-1645 | 1645-5M | 1645 | 329 | 5M-1825 | 1825-5M | 1825 | 365 | 5M-2020 | 2020-5M | 2020 | 404 | 5M-2370 | 2370-5M | 2370 | 474 |
| 5M-1650 | 1650-5M | 1650 | 330 | 5M-1830 | 1830-5M | 1830 | 366 | 5M-2025 | 2025-5M | 2025 | 405 | 5M-2380 | 2380-5M | 2380 | 476 |
| 5M-1655 | 1655-5M | 1655 | 331 | 5M-1835 | 1835-5M | 1835 | 367 | 5M-2030 | 2030-5M | 2030 | 406 | 5M-2400 | 2400-5M | 2400 | 480 |
| 5M-1660 | 1660-5M | 1660 | 332 | 5M-1840 | 1840-5M | 1840 | 368 | 5M-2035 | 2035-5M | 2035 | 407 | 5M-2430 | 2430-5M | 2430 | 486 |
| 5M-1665 | 1665-5M | 1665 | 333 | 5M-1845 | 1845-5M | 1845 | 369 | 5M-2040 | 2040-5M | 2040 | 408 | 5M-2440 | 2440-5M | 2440 | 488 |
| 5M-1670 | 1670-5M | 1670 | 334 | 5M-1850 | 1850-5M | 1850 | 370 | 5M-2045 | 2045-5M | 2045 | 409 | 5M-2450 | 2450-5M | 2450 | 490 |
| 5M-1675 | 1675-5M | 1675 | 335 | 5M-1855 | 1855-5M | 1855 | 371 | 5M-2050 | 2050-5M | 2050 | 410 | 5M-2460 | 2460-5M | 2460 | 492 |
| 5M-1680 | 1680-5M | 1680 | 336 | 5M-1860 | 1860-5M | 1860 | 372 | 5M-2055 | 2055-5M | 2055 | 411 | 5M-2470 | 2470-5M | 2470 | 494 |
| 5M-1685 | 1685-5M | 1685 | 337 | 5M-1865 | 1865-5M | 1865 | 373 | 5M-2060 | 2060-5M | 2060 | 412 | 5M-2500 | 2500-5M | 2500 | 500 |
| 5M-1690 | 1690-5M | 1690 | 338 | 5M-1870 | 1870-5M | 1870 | 374 | 5M-2065 | 2065-5M | 2065 | 413 | 5M-2600 | 2600-5M | 2600 | 520 |
| 5M-1695 | 1695-5M | 1695 | 339 | 5M-1875 | 1875-5M | 1875 | 375 | 5M-2070 | 2070-5M | 2070 | 414 | 5M-2700 | 2700-5M | 2700 | 540 |
| 5M-1700 | 1700-5M | 1700 | 340 | 5M-1880 | 1880-5M | 1880 | 376 | 5M-2075 | 2075-5M | 2075 | 415 | 5M-2800 | 2800-5M | 2800 | 560 |
| 5M-1705 | 1705-5M | 1705 | 341 | 5M-1885 | 1885-5M | 1885 | 377 | 5M-2080 | 2080-5M | 2080 | 416 | 5M-3000 | 3000-5M | 3000 | 600 |
| 5M-1715 | 1715-5M | 1715 | 343 | 5M-1890 | 1890-5M | 1890 | 378 | 5M-2090 | 2090-5M | 2090 | 418 | 5M-3120 | 3120-5M | 3120 | 624 |
| 5M-1720 | 1720-5M | 1720 | 344 | 5M-1895 | 1895-5M | 1895 | 379 | 5M-2095 | 2095-5M | 2095 | 419 | 5M-3200 | 3200-5M | 3200 | 640 |
| 5M-1725 | 1725-5M | 1725 | 345 | 5M-1900 | 1900-5M | 1900 | 380 | 5M-2100 | 2100-5M | 2100 | 420 | 5M-3280 | 3280-5M | 3280 | 656 |
| 5M-1730 | 1730-5M | 1730 | 346 | 5M-1905 | 1905-5M | 1905 | 381 | 5M-2110 | 2110-5M | 2110 | 422 | 5M-3360 | 3360-5M | 3360 | 672 |
| 5M-1735 | 1735-5M | 1735 | 347 | 5M-1910 | 1910-5M | 1910 | 382 | 5M-2130 | 2130-5M | 2130 | 426 | 5M-3470 | 3470-5M | 3470 | 694 |
| 5M-1740 | 1740-5M | 1740 | 348 | 5M-1915 | 1915-5M | 1915 | 383 | 5M-2140 | 2140-5M | 2140 | 428 | 5M-3660 | 3660-5M | 3660 | 732 |
| 5M-1745 | 1745-5M | 1745 | 349 | 5M-1920 | 1920-5M | 1920 | 384 | 5M-2155 | 2155-5M | 2155 | 431 | 5M-3770 | 3770-5M | 3770 | 754 |
| 5M-1750 | 1750-5M | 1750 | 350 | 5M-1925 | 1925-5M | 1925 | 385 | 5M-2160 | 2160-5M | 2160 | 432 | 5M-4000 | 4000-5M | 4000 | 800 |
| 5M-1755 | 1755-5M | 1755 | 351 | 5M-1930 | 1930-5M | 1930 | 386 | 5M-2165 | 2165-5M | 2165 | 433 | 5M-4260 | 4260-5M | 4260 | 852 |
| 5M-1760 | 1760-5M | 1760 | 352 | 5M-1935 | 1935-5M | 1935 | 387 | 5M-2180 | 2180-5M | 2180 | 436 | 5M-4360 | 4360-5M | 4360 | 872 |
| 5M-1765 | 1765-5M | 1765 | 353 | 5M-1940 | 1940-5M | 1940 | 388 | 5M-2185 | 2185-5M | 2185 | 437 | 5M-4410 | 4410-5M | 4410 | 882 |

All **424** codes from **5M-170** to **5M-4410** are listed above; custom lengths and widths on request. Download the specification PDF from the product page: drive-belt.com/timing-belts/5m-belt.

## 5. Materials & Construction

**Layer 01 — Tensile member**

Imported high-strength glass fiber cord with very low elongation (aramid / Kevlar optional), keeping the pitch length stable under load.

**Layer 02 — Body compound**

Premium synthetic chloroprene rubber (CR), with HNBR compounds available for high-oil or high-temperature duty; bonds and protects the cord and resists heat, cold, oil, water, acid, alkali, ozone and flex fatigue.

**Layer 03 — Tooth facing**

Specially treated high-elasticity Nylon 66 fabric; low friction and high wear resistance protect the tooth profile and keep the drive quiet.

### 5.1 Application

HTD 5M belts drive domestic appliances such as vacuum cleaners, washing machines and robot vacuums, as well as compact office machines and light automation.

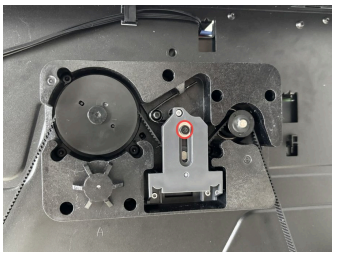


**Figure 3:** An HTD 5M belt driving an appliance mechanism — the 5 mm pitch suits compact, quiet domestic appliance drives such as vacuum cleaners.

## 6. Contact & Ordering Information

**Company:** Pingxiang Husheng Rubber Products Co.,Ltd • **Brand:** Shusheng
**Website:** https://drive-belt.com • **HTD 5M Timing Belt page:** https://drive-belt.com/timing-belts/5m-belt
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