

## POWERGRIP® HTD® BELTS

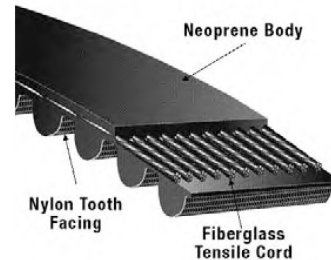
PowerGrip® HTD® belts have a larger, more robust tooth profile for increased capacity, as compared to timing belts.

### MARKETS/APPLICATIONS

PowerGrip® HTD® belts are suitable for many applications including data storage, hand power tools, postage handling, food processors, office machines, centrifuges, money handling, medical diagnostic, sewing machines, ticket dispensers, robotics, vending machines and vacuum cleaners.

### FEATURES/ADVANTAGES

- **Fiberglass tensile cord** provides high strength, excellent flex life, and high resistance to elongation.
- **Neoprene body** provides protection against grime, grease, oil and moisture.
- **Nylon tooth facing** provides a durable wear surface for long service life.
- Thirty percent increase in horsepower ratings, as compared to traditional timing belts.



- Eliminates lubrication and re-tensioning to reduce maintenance and labor required on drives.

#### Recommended Pulleys

PowerGrip® HTD® Sprockets

#### Notes

PowerGrip® HTD® part numbers are comprised of pitch length, pitch and width. For example 900-3M-15 denotes 900 pitch length, 3mm pitch and 15mm width. Belt **pitch** is the distance in millimeter between two adjacent tooth centers as measured on the pitch line of the belt. Belt pitch length is the total length (circumference) in millimeters as measured along the pitch line. The theoretical pitch line of a PowerGrip® HTD® belt lies within the tensile member.

### 3M PITCH HTD SLEEVES PRODUCT SERIES NO. 9296

| Length & Pitch | No. of Teeth |
|----------------|--------------|
| 87-3M          | 29           |
| 102-3M         | 34           |
| 105-3M         | 35           |
| 108-3M         | 36           |
| 111-3M         | 37           |
| 120-3M         | 40           |
| 123-3M         | 41           |
| 126-3M         | 42           |
| 129-3M         | 43           |
| 132-3M         | 44           |
| 135-3M         | 45           |
| 141-3M         | 47           |
| 144-3M         | 48           |
| 147-3M         | 49           |
| 150-3M         | 50           |
| 153-3M         | 51           |
| 156-3M         | 52           |
| 159-3M         | 53           |
| 162-3M         | 54           |
| 165-3M         | 55           |
| 168-3M         | 56           |
| 171-3M         | 57           |
| 174-3M         | 58           |
| 177-3M         | 59           |
| 180-3M         | 60           |
| 183-3M         | 61           |
| 186-3M         | 62           |
| 189-3M         | 63           |
| 192-3M         | 64           |
| 195-3M         | 65           |
| 198-3M         | 66           |
| 201-3M         | 67           |
| 204-3M         | 68           |
| 207-3M         | 69           |
| 210-3M         | 70           |

| Length & Pitch | No. of Teeth |
|----------------|--------------|
| 213-3M         | 71           |
| 216-3M         | 72           |
| 219-3M         | 73           |
| 222-3M         | 74           |
| 225-3M         | 75           |
| 228-3M         | 76           |
| 234-3M         | 78           |
| 237-3M         | 79           |
| 240-3M         | 80           |
| 243-3M         | 81           |
| 246-3M         | 82           |
| 249-3M         | 83           |
| 252-3M         | 84           |
| 255-3M         | 85           |
| 258-3M         | 86           |
| 261-3M         | 87           |
| 264-3M         | 88           |
| 267-3M         | 89           |
| 270-3M         | 90           |
| 276-3M         | 92           |
| 279-3M         | 93           |
| 282-3M         | 94           |
| 285-3M         | 95           |
| 288-3M         | 96           |
| 291-3M         | 97           |
| 294-3M         | 98           |
| 297-3M         | 99           |
| 300-3M         | 100          |
| 303-3M         | 101          |
| 306-3M         | 102          |
| 309-3M         | 103          |
| 312-3M         | 104          |
| 315-3M         | 105          |
| 318-3M         | 106          |
| 324-3M         | 108          |

| Length & Pitch | No. of Teeth |
|----------------|--------------|
| 327-3M         | 109          |
| 330-3M         | 110          |
| 333-3M         | 111          |
| 336-3M         | 112          |
| 339-3M         | 113          |
| 342-3M         | 114          |
| 345-3M         | 115          |
| 351-3M         | 117          |
| 357-3M         | 119          |
| 360-3M         | 120          |
| 363-3M         | 121          |
| 366-3M         | 122          |
| 369-3M         | 123          |
| 372-3M         | 124          |
| 375-3M         | 125          |
| 381-3M         | 127          |
| 384-3M         | 128          |
| 390-3M         | 130          |
| 393-3M         | 131          |
| 396-3M         | 132          |
| 399-3M         | 133          |
| 402-3M         | 134          |
| 405-3M         | 135          |
| 411-3M         | 137          |
| 417-3M         | 139          |
| 420-3M         | 140          |
| 423-3M         | 141          |
| 426-3M         | 142          |
| 432-3M         | 144          |
| 435-3M         | 145          |
| 438-3M         | 146          |
| 441-3M         | 147          |
| 444-3M         | 148          |
| 447-3M         | 149          |
| 459-3M         | 153          |

| Length & Pitch | No. of Teeth |
|----------------|--------------|
| 462-3M         | 154          |
| 465-3M         | 155          |
| 468-3M         | 156          |
| 471-3M         | 157          |
| 474-3M         | 158          |
| 477-3M         | 159          |
| 480-3M         | 160          |
| 483-3M         | 161          |
| 486-3M         | 162          |
| 489-3M         | 163          |
| 492-3M         | 164          |
| 501-3M         | 167          |
| 504-3M         | 168          |
| 510-3M         | 170          |
| 513-3M         | 171          |
| 516-3M         | 172          |
| 519-3M         | 173          |
| 522-3M         | 174          |
| 525-3M         | 175          |
| 528-3M         | 176          |
| 531-3M         | 177          |
| 537-3M         | 179          |
| 549-3M         | 183          |
| 552-3M         | 184          |
| 558-3M         | 186          |
| 564-3M         | 188          |
| 567-3M         | 189          |
| 570-3M         | 190          |
| 573-3M         | 191          |
| 576-3M         | 192          |
| 579-3M         | 193          |
| 582-3M         | 194          |
| 585-3M         | 195          |
| 591-3M         | 197          |
| 594-3M         | 198          |

\*\* Standard Belt Widths in 6mm, 9mm, 15mm

## INDUSTRIAL BELTS

Effective Date: 01 January 2008

## 3M PITCH HTD      PRODUCT NO. SERIES 9296

| Length & Pitch | No. of Teeth |
|----------------|--------------|
| 597-3M         | 199          |
| 600-3M         | 200          |
| 606-3M         | 202          |
| 609-3M         | 203          |
| 612-3M         | 204          |
| 627-3M         | 209          |
| 633-3M         | 211          |
| 639-3M         | 213          |
| 642-3M         | 214          |
| 645-3M         | 215          |
| 648-3M         | 216          |
| 651-3M         | 217          |
| 654-3M         | 218          |
| 657-3M         | 219          |
| 660-3M         | 220          |
| 663-3M         | 221          |
| 666-3M         | 222          |
| 669-3M         | 223          |
| 672-3M         | 224          |
| 681-3M         | 227          |
| 684-3M         | 228          |
| 687-3M         | 229          |
| 690-3M         | 230          |
| 693-3M         | 231          |
| 696-3M         | 232          |
| 699-3M         | 233          |
| 702-3M         | 234          |
| 705-3M         | 235          |
| 711-3M         | 237          |
| 720-3M         | 240          |
| 723-3M         | 241          |
| 732-3M         | 244          |
| 735-3M         | 245          |
| 738-3M         | 246          |
| 750-3M         | 250          |
| 753-3M         | 251          |
| 783-3M         | 261          |
| 795-3M         | 265          |
| 804-3M         | 268          |
| 822-3M         | 274          |
| 825-3M         | 275          |
| 843-3M         | 281          |
| 858-3M         | 286          |
| 861-3M         | 287          |
| 873-3M         | 291          |
| 882-3M         | 294          |
| 891-3M         | 297          |
| 900-3M         | 300          |
| 915-3M         | 305          |
| 936-3M         | 312          |
| 945-3M         | 315          |
| 981-3M         | 327          |
| 1002-3M        | 334          |
| 1026-3M        | 342          |
| 1035-3M        | 345          |
| 1038-3M        | 346          |
| 1050-3M        | 350          |
| 1056-3M        | 352          |
| 1062-3M        | 354          |
| 1071-3M        | 357          |
| 1080-3M        | 360          |
| 1086-3M        | 362          |
| 1110-3M        | 370          |
| 1125-3M        | 375          |
| 1155-3M        | 385          |
| 1188-3M        | 396          |
| 1191-3M        | 397          |
| 1227-3M        | 409          |

[illegible]

5M PITCH HTD      PRODUCT NO. SERIES 9296

| Length & Pitch | No. of Teeth |
|----------------|--------------|
| 120-5M         | 24           |
| 175-5M         | 35           |
| 180-5M         | 36           |
| 200-5M         | 40           |
| 225-5M         | 45           |
| 230-5M         | 46           |
| 245-5M         | 49           |
| 255-5M         | 51           |
| 260-5M         | 52           |
| 265-5M         | 53           |
| 270-5M         | 54           |
| 275-5M         | 55           |
| 280-5M         | 56           |
| 285-5M         | 57           |
| 295-5M         | 59           |
| 300-5M         | 60           |
| 305-5M         | 61           |
| 310-5M         | 62           |
| 320-5M         | 64           |
| 325-5M         | 65           |
| 330-5M         | 66           |
| 335-5M         | 67           |
| 340-5M         | 68           |
| 345-5M         | 69           |
| 350-5M         | 70           |
| 360-5M         | 72           |
| 365-5M         | 73           |
| 370-5M         | 74           |
| 375-5M         | 75           |
| 385-5M         | 77           |
| 400-5M         | 80           |
| 405-5M         | 81           |
| 410-5M         | 82           |
| 415-5M         | 83           |
| 420-5M         | 84           |
| 425-5M         | 85           |
| 450-5M         | 90           |
| 460-5M         | 92           |
| 465-5M         | 93           |
| 475-5M         | 95           |
| 480-5M         | 96           |
| 495-5M         | 99           |
| 500-5M         | 100          |
| 520-5M         | 104          |
| 525-5M         | 105          |
| 535-5M         | 107          |
| 550-5M         | 110          |
| 560-5M         | 112          |
| 565-5M         | 113          |
| 575-5M         | 115          |
| 580-5M         | 116          |
| 585-5M         | 117          |
| 590-5M         | 118          |
| 600-5M         | 120          |
| 610-5M         | 122          |
| 615-5M         | 123          |
| 625-5M         | 125          |
| 635-5M         | 127          |
| 640-5M         | 128          |
| 645-5M         | 129          |
| 655-5M         | 131          |
| 665-5M         | 133          |
| 670-5M         | 134          |
| 680-5M         | 136          |
| 685-5M         | 137          |
| 695-5M         | 139          |
| 700-5M         | 140          |
| 710-5M         | 142          |

| Length & Pitch | No. of Teeth |
|----------------|--------------|
| 720-5M         | 144          |
| 740-5M         | 148          |
| 745-5M         | 149          |
| 750-5M         | 150          |
| 755-5M         | 151          |
| 765-5M         | 153          |
| 770-5M         | 154          |
| 775-5M         | 155          |
| 790-5M         | 158          |
| 800-5M         | 160          |
| 810-5M         | 162          |
| 825-5M         | 165          |
| 830-5M         | 166          |
| 835-5M         | 167          |
| 845-5M         | 169          |
| 850-5M         | 170          |
| 860-5M         | 172          |
| 870-5M         | 174          |
| 890-5M         | 178          |
| 900-5M         | 180          |
| 920-5M         | 184          |
| 925-5M         | 185          |
| 930-5M         | 186          |
| 935-5M         | 187          |
| 940-5M         | 188          |
| 950-5M         | 190          |
| 965-5M         | 193          |
| 975-5M         | 195          |
| 980-5M         | 196          |
| 985-5M         | 197          |
| 1000-5M        | 200          |
| 1025-5M        | 205          |
| 1035-5M        | 207          |
| 1040-5M        | 208          |
| 1050-5M        | 210          |
| 1100-5M        | 220          |
| 1125-5M        | 225          |
| 1135-5M        | 227          |
| 1145-5M        | 229          |
| 1175-5M        | 235          |
| 1195-5M        | 239          |
| 1200-5M        | 240          |
| 1225-5M        | 245          |
| 1235-5M        | 247          |
| 1250-5M        | 250          |
| 1270-5M        | 254          |
| 1295-5M        | 259          |
| 1350-5M        | 270          |
| 1375-5M        | 275          |
| 1380-5M        | 276          |
| 1420-5M        | 284          |
| 1520-5M        | 304          |
| 1575-5M        | 315          |
| 1595-5M        | 319          |
| 1635-5M        | 327          |
| 1685-5M        | 337          |
| 1690-5M        | 338          |
| 1790-5M        | 358          |
| 1800-5M        | 360          |
| 1870-5M        | 362          |
| 1895-5M        | 379          |
| 1945-5M        | 389          |
| 2000-5M        | 400          |
| 2100-5M        | 420          |
| 2110-5M        | 422          |
| 2250-5M        | 450          |
| 2350-5M        | 470          |
| 2525-5M        | 505          |

15 : 15mm Belt width

\*\* Standard Belt Widths in 9mm, 15mm, 25mm

## INDUSTRIAL BELTS

Effective Date: 01 January 2008

## POWERGRIP® HTD SLEEVES

**8M PITCH HTD**  
**PRODUCT NO. SERIES 9296**

| Length & Pitch | No. of Teeth |
|----------------|--------------|
| 264-8M         | 33           |
| 320-8M         | 40           |
| 360-8M         | 45           |
| 376-8M         | 47           |
| 384-8M         | 48           |
| 416-8M         | 52           |
| 424-8M         | 53           |
| 480-8M         | 60           |
| 512-8M         | 64           |
| 520-8M         | 65           |
| 560-8M         | 70           |
| 576-8M         | 72           |
| 592-8M         | 74           |
| 600-8M         | 75           |
| 608-8M         | 76           |
| 624-8M         | 78           |
| 640-8M         | 80           |
| 656-8M         | 82           |
| 672-8M         | 84           |
| 680-8M         | 85           |
| 720-8M         | 90           |
| 760-8M         | 95           |
| 776-8M         | 97           |
| 800-8M         | 100          |
| 840-8M         | 105          |
| 856-8M         | 107          |
| 880-8M         | 110          |
| 888-8M         | 111          |
| 896-8M         | 112          |
| 912-8M         | 114          |
| 920-8M         | 115          |
| 936-8M         | 117          |
| 960-8M         | 120          |
| 968-8M         | 121          |
| 976-8M         | 122          |
| 1000-8M        | 125          |
| 1040-8M        | 130          |
| 1056-8M        | 132          |
| 1064-8M        | 133          |
| 1080-8M        | 135          |
| 1120-8M        | 140          |
| 1128-8M        | 141          |
| 1152-8M        | 144          |
| 1160-8M        | 145          |
| 1176-8M        | 147          |
| 1184-8M        | 148          |
| 1192-8M        | 149          |
| 1200-8M        | 150          |
| 1216-8M        | 152          |

**14M PITCH HTD**  
**PRODUCT NO. SERIES 9296**

| Length & Pitch | No. of Teeth |
|----------------|--------------|
| 784-14M        | 56           |
| 798-14M        | 57           |
| 826-14M        | 59           |
| 924-14M        | 66           |
| 966-14M        | 69           |
| 1092-14M       | 78           |
| 1148-14M       | 82           |
| 1190-14M       | 85           |
| 1344-14M       | 96           |
| 1358-14M       | 97           |
| 1400-14M       | 100          |
| 1456-14M       | 104          |
| 1470-14M       | 105          |
| 1512-14M       | 108          |
| 1540-14M       | 110          |
| 1568-14M       | 112          |
| 1610-14M       | 115          |
| 1638-14M       | 117          |
| 1652-14M       | 118          |
| 1680-14M       | 120          |
| 1736-14M       | 124          |
| 1778-14M       | 127          |
| 1890-14M       | 135          |
| 1904-14M       | 136          |
| 1932-14M       | 138          |
| 1946-14M       | 139          |
| 2002-14M       | 143          |
| 2100-14M       | 150          |
| 2198-14M       | 157          |
| 2310-14M       | 165          |
| 2450-14M       | 175          |
| 2590-14M       | 185          |
| 2660-14M       | 190          |
| 2800-14M       | 200          |
| 2940-14M       | 210          |
| 3150-14M       | 225          |
| 3360-14M       | 240          |
| 3500-14M       | 250          |
| 3850-14M       | 275          |
| 4004-14M       | 286          |
| 4326-14M       | 309          |
| 4578-14M       | 327          |
| 4956-14M       | 354          |
| 5320-14M       | 380          |
| 5740-14M       | 410          |
| 6160-14M       | 440          |
| 6860-14M       | 490          |

**POWERGRIP® HTD BELT  
(CUT WIDTH)  
20MM PITCH BELTS**

[illegible]

### PowerGrip® HTD Ordering Code

**Example : 1064-8M-15**

1064mm : Belt Pitch length

8M : 8mm Belt Pitch

15 : 15mm Belt width

\*\* 8M Pitch Standard Belt Widths: 20mm, 30mm, 50mm, 85mm

\*\* 14M Pitch Standard Belt Widths: 40mm, 55mm, 85mm, 115mm, 170mm

**\*\* 20mm Pitch Cut Belt Widths: 115mm, 170mm, 230mm, 290mm, 340mm**