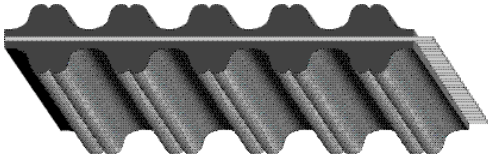




# DUAL HI-PERFORMANCE Pd™ & DUAL POSITIVE DRIVE

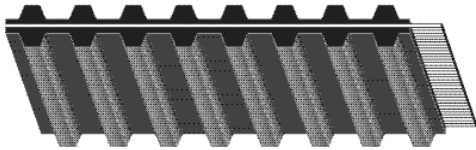
SYNCHRONOUS



## DUAL HI-PERFORMANCE Pd™

Part No: D10408M20

|      |                                  |
|------|----------------------------------|
| D    | Dual Sided                       |
| 1040 | 1040 mm Pitch Length             |
| 8M   | 8 mm Pitch – Round Tooth Profile |
| 20   | 20 mm Wide                       |



## DUAL POSITIVE DRIVE

Part No: D225L050

|     |                                     |
|-----|-------------------------------------|
| D   | Dual Sided                          |
| 225 | 22.5" Pitch Length                  |
| L   | L Pitch – Trapezoidal Tooth Profile |
| 050 | .50" Wide                           |

### IMPROVED EFFICIENCY WITH DUAL SYNCHRONOUS BELTS

Goodyear's dual synchronous belts have precision teeth on both sides. This allows the design of more sophisticated, more efficient, and more compact drives where a single belt is needed to provide accurate timing from either side, rotation direction changes, or both.

Since a Dual Hi-Performance Pd or Dual Positive Drive belt can replace two or more single-sided synchronous belts, less space is needed. This reduction in space means smaller sprockets can be used, bringing the weight and component cost of the drive system down considerably, contributing to a more efficient drive system.

### DUAL HI-PERFORMANCE Pd BELTS— 8M & 14M PROFILES

Dual Hi-Performance Pd belts, with their unique round tooth profile, drop into corresponding HTD sprockets. They were designed to minimize interference between belt and sprocket during mesh, providing greater horsepower capacity without slippage or speed variation. By designing the tooth to disperse critical stresses and create a positive engagement with the sprocket, belt performance is improved along with assuring longer belt life.

### APPLICATIONS

For precision drives where synchronized reverse rotation drive shafts are encountered and compactness is desired.

### KEY FEATURES & BENEFITS

- Dual-sided teeth versatility in 8M, 14M, XL, L, and H profiles.
- High-grade Goodyear compound.
- Fiberglass tension cords for excellent resistance to shrinkage/elongation.
- More compact drive designs.
- Oil, heat, ozone, and abrasion resistant.

### DUAL POSITIVE DRIVE BELTS— XL, L, & H PROFILES

Goodyear Dual Positive Drive belts drop into existing trapezoidal profiled sprockets.

### HIGH-STRENGTH TENSION CORDS

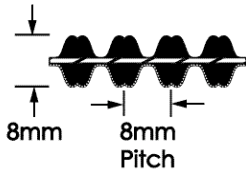
The tension-carrying member in Dual HPPD and Dual Positive Drive belts is twisted from multiple strands of fiberglass cord which are high in tensile strength, flex life, and resistance to elongation.

### ADVANCED GOODYEAR COMPOUND TECHNOLOGY FOR LONG LIFE

Goodyear dual synchronous belts are made with the specialized Goodyear compound technology which is specially compounded to resist damaging environmental factors that can shorten belt life. This compound technology has excellent oil, heat, ozone, and abrasion resistance, increasing durability and preserving belt flexibility leading to extended belt life.

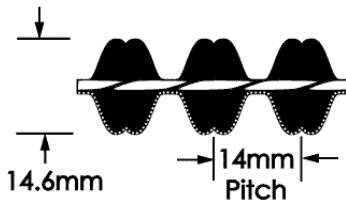
# DUAL HI-PERFORMANCE Pd™ & DUAL POSITIVE DRIVE

## DUAL HI-PERFORMANCE Pd™



8 M

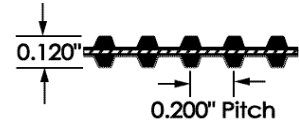
| Part Number | No. of Teeth | Part Number                             | No. of Teeth |
|-------------|--------------|---|--------------|
| D720 8M     | 90           | D2000 8M                                | 250          |
| D800 8M     | 100          | D2400 8M                                | 300          |
| D880 8M     | 110          | D2600 8M                                | 325          |
| D960 8M     | 120          | D2800 8M                                | 350          |
| D1040 8M    | 130          | D3048 8M                                | 381          |
| D1120 8M    | 140          | D3280 8M                                | 410          |
| D1200 8M    | 150          | D3600 8M                                | 450          |
| D1280 8M    | 160          | D4400 8M                                | 550          |
| D1440 8M    | 180          |   |              |
| D1600 8M    | 200          | Available in 20, 30, 50 & 85 mm widths. |              |
| D1760 8M    | 220          |   |              |
| D1800 8M    | 225          |   |              |



14 M

| Part Number | No. of Teeth | Part Number                              | No. of Teeth |
|-------------|--------------|--|--------------|
| D1400 14M   | 100          | D3850 14M                                | 275          |
| D1610 14M   | 115          | D4326 14M                                | 309          |
| D1778 14M   | 127          | D4578 14M                                | 327          |
| D1890 14M   | 135          | D6160 14M                                | 440          |
| D2100 14M   | 150          |  |              |
| D2450 14M   | 175          | Available in 40, 55, 85 & 115 mm widths. |              |
| D3150 14M   | 225          |  |              |
| D3500 14M   | 250          |  |              |

## DUAL POSITIVE DRIVE



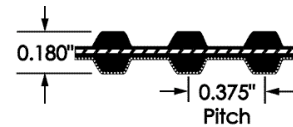
XL (Extra Light)

1/5-inch pitch

For business machines, instruments, sound equipment, etc.

| XL Part Numbers |        |        |
|-----------------|--------|--------|
| D60XL           | D170XL | D290XL |
| D70XL           | D180XL | D300XL |
| D80XL           | D190XL | D310XL |
| D90XL           | D200XL | D330XL |
| D100XL          | D210XL | D362XL |
| D110XL          | D220XL | D392XL |
| D120XL          | D230XL | D450XL |
| D130XL          | D240XL | D492XL |
| D140XL          | D250XL | D690XL |
| D150XL          | D260XL | D900XL |
| D160XL          | D280XL |        |

Stock Widths\* 1/4 inch=025, 3/8 inch=037



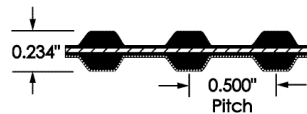
L (Light)

3/8-inch pitch

For fraction power-rated motor applications such as in-home appliances, small tools, pumps, etc.

| L Part Numbers |       |       |
|----------------|-------|-------|
| D124L          | D270L | D420L |
| D150L          | D285L | D450L |
| D187L          | D300L | D480L |
| D210L          | D322L | D510L |
| D225L          | D345L | D540L |
| D240L          | D367L | D600L |
| D255L          | D390L | D660L |

Stock Widths\* 1/2 inch=050, 3/4 inch=075, 1 inch=100



H (Heavy)

1/2-inch pitch

For machine tools, pumps, fans, presses, motor generator sets, etc.

| H Part Numbers |       |        |
|----------------|-------|--------|
| D240H          | D510H | D800H  |
| D270H          | D540H | D850H  |
| D300H          | D560H | D900H  |
| D330H          | D570H | D1000H |
| D360H          | D600H | D1100H |
| D390H          | D630H | D1250H |
| D420H          | D660H | D1400H |
| D450H          | D700H | D1700H |
| D480H          | D750H |        |

Stock Widths\* 3/4 inch=075, 1 inch=100, 1-1/2 inch=150, 2 inches=200, 3 inches=300

\*Stock Widths: Use the three-digit size number as a suffix to the belt number when ordering. For nonstock sizes, contact your local Goodyear industrial products distributor.  
Note: Other sizes available upon request.

SYNCHRONOUS