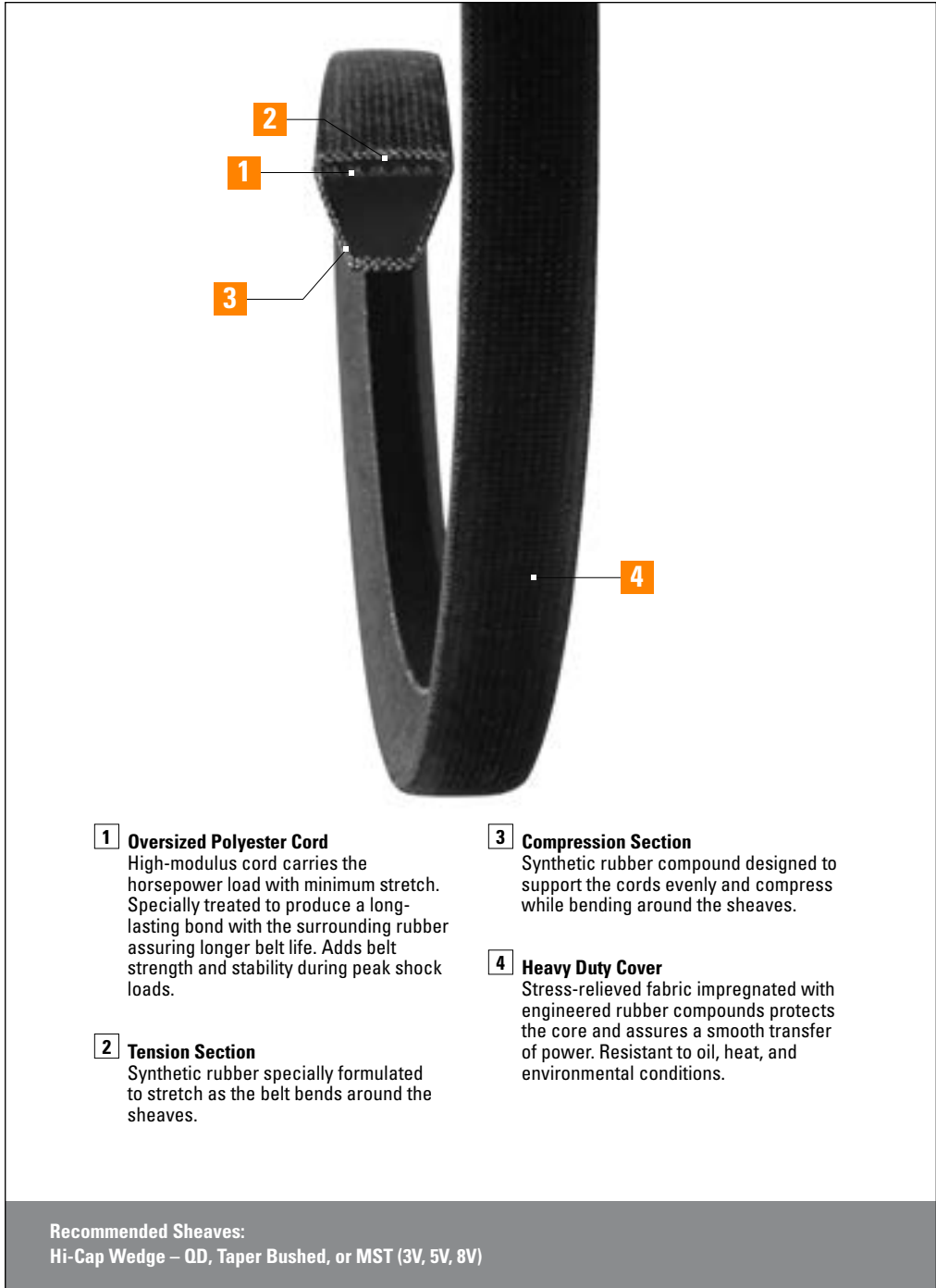


# Super Power-Wedge<sup>®</sup>

V-Belt



# Super Power-Wedge® V-Belt



- 1 Oversized Polyester Cord**  
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads.
- 2 Tension Section**  
Synthetic rubber specially formulated to stretch as the belt bends around the sheaves.

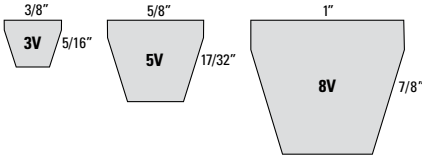
- 3 Compression Section**  
Synthetic rubber compound designed to support the cords evenly and compress while bending around the sheaves.
- 4 Heavy Duty Cover**  
Stress-relieved fabric impregnated with engineered rubber compounds protects the core and assures a smooth transfer of power. Resistant to oil, heat, and environmental conditions.

**Recommended Sheaves:**  
Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)

Smooth transfer of power  
Design flexibility  
Long belt life  
Wear resistant  
**chekmate®**  
Applications:  
Pumps  
Mixers  
& More

# Super Power-Wedge®

## V-Belt



**Super Power-Wedge® v-belts enables the design of a more compact belt drive with controlled power transfer. The cover provides superior wear resistance and is ideal for heavy duty industrial drives with shock loads.**

The narrow wrapped molded v-belt is perfect for use in applications where cog-belts are too aggressive. It also allows more compact design on multiple belt drives. The stress-relieved fabric-wrapped cover provides outstanding resistance to oil, heat, grease and ozone. Oversized high-modulus cord carries the horsepower load with minimum stretch. Adds belt strength and stability during peak shock loads.

- Made of specially formulated rubber compounds
- Heavy duty cover protects against harsh environmental conditions
- Provides excellent static dissipation
- Proven wedge cross section assures stability when heavy shock loads are encountered
- Delivers an ideal balance between controlled power transfer and slippage
- Reduces cost and space on multiple belt drives
- Ideal for clutching applications
- Long belt life
- Built to Chek Mate belt tolerances for a matched set



# Super Power-Wedge® V-Belt

## Super Power-Wedge® Part Numbers

Part Number Example: **3V1000** = **3V** **1000**  
Cross Section      Effective Length  
 (inches in tenths: 100.0")

| Part Number   | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---|--------------------------------|----------------------------|---------------|
| <b>3V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)</b> |                                |                            |               |
| 3V265   | 26.8                           | 680                        | 0.1           |
| 3V335   | 33.8                           | 858                        | 0.1           |
| 3V355   | 35.8                           | 909                        | 0.1           |
| 3V375   | 37.8                           | 960                        | 0.1           |
| 3V450   | 45.3                           | 1150                       | 0.2           |
| 3V475   | 47.8                           | 1213                       | 0.2           |
| 3V560   | 56.2                           | 1428                       | 0.2           |
| 3V630   | 63.2                           | 1606                       | 0.2           |
| 3V800   | 80.2                           | 2036                       | 0.3           |
| 3V850   | 85.2                           | 2163                       | 0.3           |
| 3V900   | 90.2                           | 2290                       | 0.3           |
| 3V1000  | 100.1                          | 2543                       | 0.4           |
| 3V1060  | 106.1                          | 2695                       | 0.4           |
| 3V1250  | 125                            | 3176                       | 0.5           |
| 3V1320  | 132.4                          | 3362                       | 0.5           |
| 3V1400  | 140.4                          | 3566                       | 0.5           |



# Super Power-Wedge®

## V-Belt

### Super Power-Wedge® Part Numbers

Part Number Example: **5V1000** = **5V** **1000**  
Cross Section      Effective Length (inches in tenths: 100.0")

| Part Number   | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---|--------------------------------|----------------------------|---------------|
| <b>5V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – OD, Taper Bushed, or MST (5V)</b> |                                |                            |               |
| 5V500   | 50.5                           | 1283                       | 0.6           |
| 5V530   | 53.6                           | 1361                       | 0.6           |
| 5V560   | 56.6                           | 1438                       | 0.7           |
| 5V600   | 60.6                           | 1539                       | 0.7           |
| 5V630   | 63.5                           | 1613                       | 0.7           |
| 5V670   | 67.5                           | 1715                       | 0.8           |
| 5V710   | 71.6                           | 1819                       | 0.8           |
| 5V750   | 75.5                           | 1918                       | 0.9           |
| 5V800   | 80.5                           | 2045                       | 0.9           |
| 5V850   | 85.5                           | 2172                       | 1.0           |
| 5V900   | 90.5                           | 2299                       | 1.1           |
| 5V950   | 95.5                           | 2426                       | 1.1           |
| 5V1000  | 100.4                          | 2550                       | 1.2           |
| 5V1060  | 106.6                          | 2708                       | 1.3           |
| 5V1120  | 112.5                          | 2858                       | 1.3           |
| 5V1180  | 118.3                          | 3005                       | 1.4           |
| 5V1250  | 125.7                          | 3193                       | 1.5           |
| 5V1320  | 132.5                          | 3366                       | 1.6           |
| 5V1400  | 140.4                          | 3566                       | 1.7           |
| 5V1500  | 150.5                          | 3823                       | 1.7           |
| 5V1600  | 160.5                          | 4077                       | 1.8           |
| 5V1700  | 170.5                          | 4331                       | 2.0           |
| 5V1800  | 180.5                          | 4585                       | 2.1           |
| 5V1900  | 190.5                          | 4839                       | 2.2           |
| 5V2000  | 200.5                          | 5093                       | 2.3           |
| 5V2090  | 209.5                          | 5321                       | 2.3           |
| 5V2120  | 212.5                          | 5398                       | 2.4           |
| 5V2200  | 221                            | 5613                       | 2.5           |
| 5V2210  | 221.5                          | 5626                       | 2.5           |
| 5V2240  | 224.5                          | 5702                       | 2.6           |
| 5V2360  | 236.5                          | 6007                       | 2.7           |
| 5V2365  | 237                            | 6020                       | 2.7           |
| 5V2485  | 249                            | 6325                       | 2.8           |
| 5V2500  | 250.5                          | 6363                       | 2.9           |
| 5V2640  | 264.5                          | 6718                       | 3.0           |
| 5V2650  | 265.5                          | 6744                       | 3.0           |
| 5V2800  | 280.5                          | 7125                       | 3.2           |

| Part Number   | Outside Circumference (inches) | Outside Circumference (mm) | Weight (lbs.) |
|---|--------------------------------|----------------------------|---------------|
| <b>5V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – OD, Taper Bushed, or MST (5V)</b> |                                |                            |               |
| 5V3000  | 300.5                          | 7633                       | 3.5           |
| 5V3150  | 315.5                          | 8014                       | 3.6           |
| 5V3350  | 335.5                          | 8522                       | 3.9           |
| 5V3550  | 355.5                          | 9030                       | 4.1           |
| <b>8V Section – Recommended Sheaves:<br/>Hi-Cap Wedge – OD, Taper Bushed, or MST (8V)</b> |                                |                            |               |
| 8V1000  | 100.5                          | 2553                       | 3.1           |
| 8V1060  | 106.5                          | 2705                       | 3.3           |
| 8V1120  | 112.5                          | 2858                       | 3.4           |
| 8V1180  | 118.5                          | 3010                       | 3.6           |
| 8V1250  | 125.5                          | 3188                       | 3.8           |
| 8V1320  | 132.5                          | 3366                       | 4.1           |
| 8V1400  | 140.5                          | 3569                       | 4.3           |
| 8V1500  | 150.5                          | 3823                       | 4.6           |
| 8V1600  | 160.5                          | 4077                       | 4.9           |
| 8V1700  | 170.5                          | 4331                       | 5.2           |
| 8V1800  | 180.5                          | 4585                       | 5.5           |
| 8V1900  | 190.5                          | 4839                       | 5.8           |
| 8V2000  | 200.5                          | 5093                       | 6.1           |
| 8V2120  | 212.5                          | 5398                       | 6.5           |
| 8V2240  | 224.5                          | 5702                       | 6.9           |
| 8V2360  | 236.5                          | 6007                       | 7.2           |
| 8V2500  | 250.5                          | 6363                       | 7.7           |
| 8V2650  | 265.5                          | 6744                       | 8.1           |
| 8V2800  | 280.5                          | 7125                       | 8.6           |
| 8V3000  | 300.5                          | 7633                       | 9.2           |
| 8V3150  | 315.5                          | 8014                       | 9.7           |
| 8V3350  | 335.5                          | 8522                       | 10.3          |
| 8V3550  | 355.5                          | 9030                       | 10.9          |
| 8V3750  | 375.5                          | 9538                       | 11.9          |
| 8V4000  | 400.5                          | 10173                      | 12.8          |
| 8V4250  | 425.5                          | 10808                      | 13.6          |
| 8V4500  | 450.5                          | 11443                      | 14.4          |
| 8V4750  | 475.5                          | 12078                      | 15.2          |
| 8V5000  | 500.5                          | 12713                      | 16.0          |