

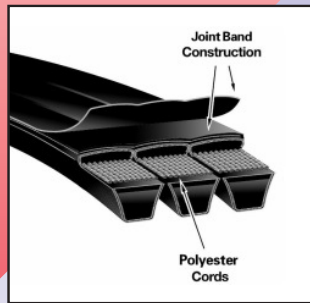
# High-Speed Fan Motor Drive use of Antistatic **Cogged V Belt**

Made in India

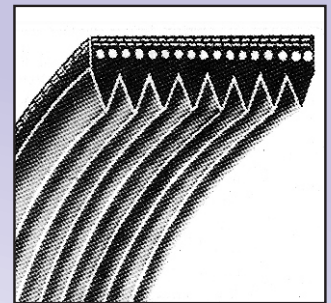


**PERFORMANCE MEETS  
SUPER-POWER RATED  
FEATURES**

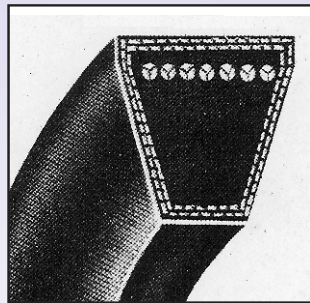
[www.hicPowerDrive.com](http://www.hicPowerDrive.com)  
T: +91 88266 79660, 72890 45000



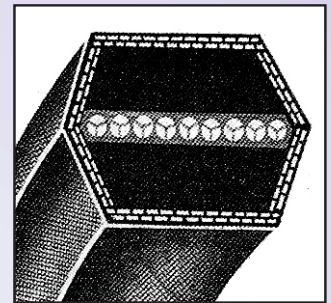
Even Load Banded  
as per DIN 7753



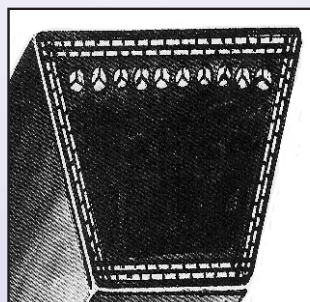
Extreme Speed V Ribbed  
Automotive PJ, PK, PL, PM  
per ISO 9982



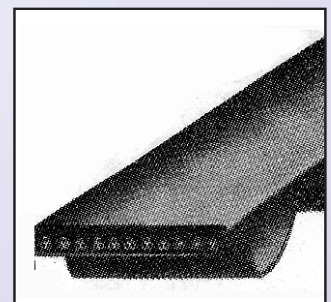
High Life Wedge SPA,  
SPB, SPC, SPZ per BS 3790



Double Sided Power  
BB, CC per DIN 7722



Classic A, B, C, D, E  
per IS 2494



Efficient Synchronous Timing  
XL, L, H, XH, HTD per DIN 7721

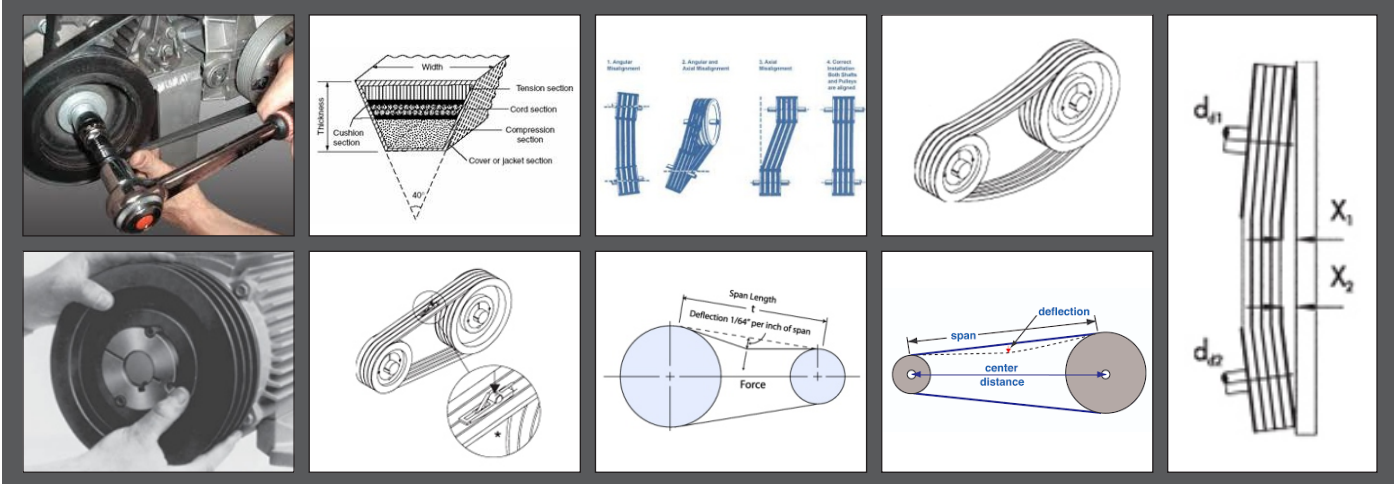


**Installation & Warranty  
Information**



## Thank You for Purchasing HIC "UNIVERSAL" V-Belts

HIC International Co.'s Manufactured Quality Stretch-free Anti-static Rubber V Belt for industrial Heavy-Duty drive produced of high tenacity polyester cord reinforced neoprene rubber jacketed with different power rating, while, Extra Heavy Duty Banded Belts made of very high strength that bends easily over pulleys, superseding IS:2494, DIN 7753, BS 3790, IS 11038, DIN 2215, RMA IP 22, ISO 4184, ISO 5290 quality standards, Superb Heat and Fatigue Resistant & High Shock Loads Tolerant aspect Advantage assures Long Life Reliability.



## Break-free Industrial and Agricultural Machinery Drive V-Belts Installation Tips

1. **Install V-belts without use of Force** or screwdriver by fitting to the pulleys and then attach them to the shafts.
  2. **Align the Motor** parallel up to the recommended belt tension.
  3. **Check for Allowable Shaft Misalignment** after tightening to the correct initial belt tension.
  4. **Inspect at Regular Intervals** for wear and tear say 6 months or so.
  5. **Pulley Size** must be OK & grooves not worn out or sharp edged else slippage or breakage problem can happen. Suggest to use HIC UNIVERSAL Quick-Fit Taper Lock Bush Pulley for no problem drive and min. pitch Diameter (mm) 95 for A, 145 for B, 225 for C, 350 for D, 63 for SPZ, 90 for SPA, 160 for SPB & 224 for SPC section.
  6. **Excessive Belt Stretch** can be avoided by keeping pulley Alignment OK using string that will also prevent belts turning over in groove. Ensure drive is not under-rated.
  7. **Complete New Set of V-belts** be put properly seated in the pulley by Hand only moving motor towards the driven unit & not with screw drivers or other levers else belt cords may get damaged. Mixing of new & used belts to make a set must not be done.
  8. **Cross-Section Selection** roughly may be done choosing: A/SPA up to 3 HP motor speed; SPZ up to 7.5HP; B/SPB up to 10HP; C/SPC up to 40HP; D above 40HP, though design drive factors be considered.
  9. **Tensioning** must be OK so that V belts feel alive by applying force to cause deflection of 16mm per 1mtr of span at center distance.
  10. **Ventilation** must be kept proper and never use belt dressing.
  11. **Wedge Belts** SPZ, SPA, SPB, SPC cross section sizes have 2 times more power transmitting capacity than classical A B C D E belts.
  12. **Flat Belts** are useful for running at high speeds up to 100 meters/sec.
- Size Variation** (+2%, -1% Length; +, -1mm section Dimension) as per HIC manufacturing tolerance should be acceptable.

**Disclaimer:** Information's, written and verbal are provided by HIC, relative to its **industrial vee belts** which it determines to be reliable & no liabilities of whatsoever nature in regards to its uses. The purchaser of HIC UNIVERSAL brand **rubber v-belt, fan belt, banded belt, combine harvester belts** should determine for itself the suitability of such industrial products.



# Why HIC Universal Rubber V-Belts?

**HIC**  
**UNIVERSAL**  
True Performance Rubbers

## Superb Heat and Fatigue Resistant Classic, Wedge Sections A,B,C,D,E | SPC,SPB,XPA SPZ | 5V | BB | 6PK,8PK

Enables High Power Drive of industrial Fans, Train Lighting Alternators

## Higher Horsepower Rated Shock Loads Tolerant Narrow Banded

Prevents Whip & Eases Replacement in Agricultural Combine Harvester, Stone Crusher, Compressors

## Zero Slippage Polyester or Aramid Cord Ribbed Poly-V Sizes

Allows Silent Compact Higher Speed Drive in Automotive, Machine Tools

## Antistatic Cogged, Wrapped Featuring Minimal Elongation

Aids High Power Transmission in industrial Motors, Pumps, Lathes, Wind Turbine



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- in.pinterest.com/universaldelhi/

[www.hic-india.com](http://www.hic-india.com)

## WARRANTY CERTIFICATE

The goods tailor-made, supplied as per buyer's P.O. specifications is warranted against any manufacturing defects for 12 months from the date of Invoice, and assume liability of repairing free of cost in the event of any manufacturing defects.

HIC Int. shall be under no liability in respect of any defect in the goods arising from any drawing, design or specification supplied by the Client. Goods claimed to be in default must be returned to HIC's factory at client cost; cost for return transport prepaid.



**HIC INTERNATIONAL CO INC**

+91 88266 79660 | [export@hicrubber.com](mailto:export@hicrubber.com)

