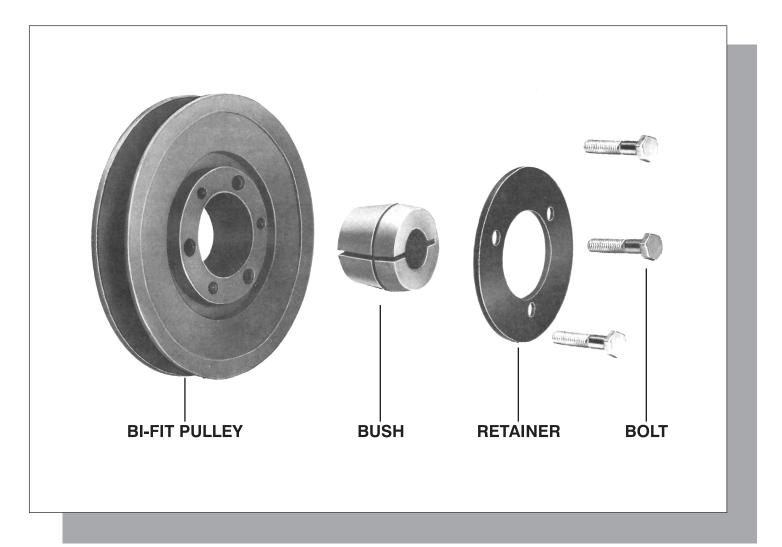


BI - FIT SYSTEMS



FEATURES

- New Metric range of BI-FIT dual duty pulleys.
- All sizes accept A or B V-belts.
- Single and double pulleys from minimum basic stock.
- Light-weight cast iron pulleys and twin taper steel bushes in metric and imperial bores.
- Shrunk-on-fit without keys or grub screws ON and OFF in a minute.
- Easily fitted all you need is a spanner-for removal; slacken screws and lightly tap hexagon heads - it is so easy.

1

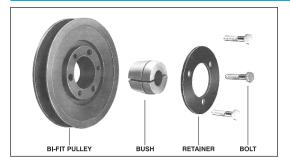
The BI-FIT system provides real benefits - no costly reboring.

R-Y-01/0-05/13



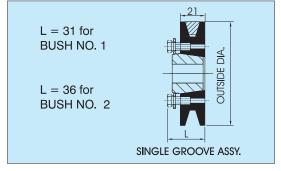
BI-FIT SYSTEMS

TYPE BF

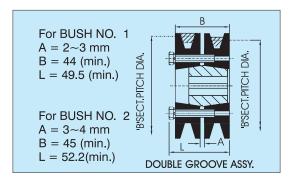


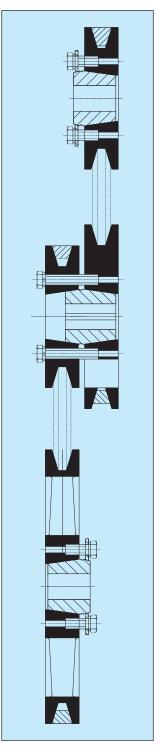






- *For actual pitch dia. deduct 0.2 mm. up to 190 mm. deduct 0.3 mm above 190 mm.
- #For actual outside diameter deduct 0.32 mm.
- •All dimensions are in mm. otherwise stated.





- Pulleys are made from graded Cast Iron and twin taper bushes in steel.
- Twin taper bushes are available in wide range of bores - Metric & Imperial.
- Pulleys are fully machined (Upto size 180 A); inherently balanced.
- Suitable for 'A' or 'B' section V-Belts.
- Simple & easy to install and remove.
- Shrunk-on-fit. No keys or grub screws required.
- Can be used as single, double and stepped pulley from minimum stock.
- Low cost and low inventory.

| BI-FIT PULLEYS | | | | | | |
|----------------|-------|---------|------|---------------|--|--|
| Pulley | Pitch | Outside | Mass | Suitable Bush | | |
| Size | Dia * | Dia # | Kg. | Retainer Size | | |
| 71A | 81 | 88 | 0.35 | | | |
| 75A | 85 | 92 | 0.40 | | | |
| 80A | 90 | 97 | 0.45 | | | |
| 85A | 95 | 102 | 0.50 | | | |
| 90A | 100 | 107 | 0.55 | | | |
| 95A | 105 | 111 | 0.65 | 1 | | |
| 100A | 110 | 117 | 0.75 | | | |
| 106A | 116 | 123 | 0.80 | | | |
| 112A | 122 | 129 | 0.95 | | | |
| 118A | 128 | 135 | 1.00 | | | |
| 125A | 135 | 142 | 1.05 | | | |
| 132A | 142 | 149 | 1.10 | | | |
| 140A | 150 | 157 | 1.35 | | | |
| 150A | 160 | 167 | 1.45 | | | |
| 160A | 170 | 177 | 1.65 | | | |
| 180A | 190 | 197 | 1.90 | | | |
| 200A | 209 | 216 | 2.20 | | | |
| 224A | 233 | 240 | 2.40 | | | |
| 250A | 259 | 266 | 2.75 | 2 | | |
| 280A | 289 | 296 | 3.10 | | | |
| 315A | 324 | 331 | 3.60 | | | |
| 355A | 364 | 371 | 4.10 | | | |
| 400A | 409 | 416 | 6.35 | | | |
| 450A | 459 | 466 | 7.30 | | | |

| BI-FIT BUSHES | | | | | | |
|--|--|--|---|--|--|--|
| BUSH | I NO.1 | BUSH NO.2 | | | | |
| METRIC | IMPERIAL | METRIC | IMPERIAL | | | |
| 11 12 14 15 18 19 20 224 228 | 0.375" 0.437" 0.500" 0.562" 0.685" 0.687" 0.750" 0.812" 0.875" 0.937" 1.000" 1.062" 1.125" | 16 18 19 20 22 25 28 30 32 35 38 40 42 | 0.500" 0.562" 0.675" 0.687" 0.750" 0.812" 0.875" 1.000" 1.062" 1.125" 1.187" 1.250 1.312" 1.375" 1.437" 1.500" 1.562" 1.625" | | | |
| Mass kg0.14 | | Mass kg0.32 | | | | |

NOTES:

- 1. Mount single, double or diferent diameter pulleys on one bush.
- 2. Use Retainer & Screws for single pulley assembly.
- 3. Use Bolts for double groove pulley assembly.

In view of our constant endeavour to improve quality of our products, we reserve the right to alter or change specifications without prior notice. $\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left(\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{2} \left(\frac{1}{2$

This document is the intellectual property of Rathi Transpower Pvt. Ltd. and subject to copyright.



Rathi Transpower Pvt Ltd

Rathi Chambers, 7, Deccan College Road,

Pune 411 006.(INDIA) Phone : 91-20-30517201 Fax : 91-20-30517212

E-mail : enquiry@rathigroup.com Website : www.rathicouplings.com Distributor