

# Drive Accessories

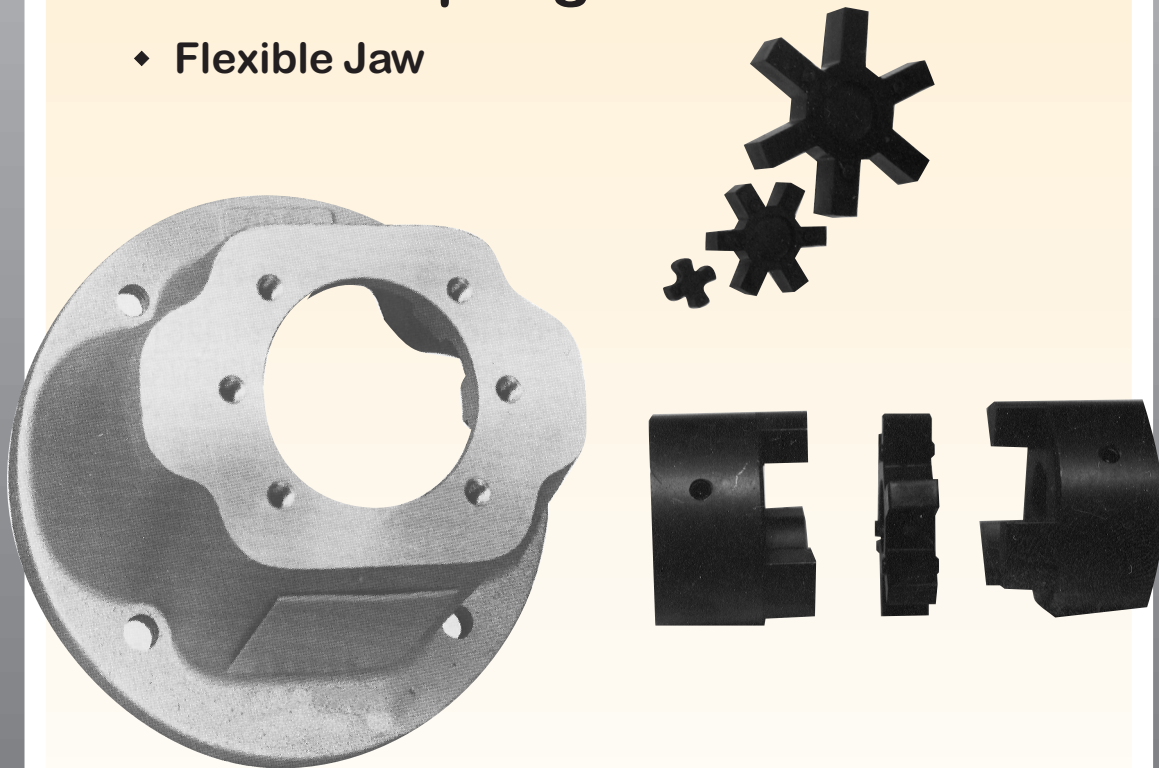
## Pump/Motor Adaptors

- ♦ Horizontal
- ♦ Vertical

## Gas Engine Pump Adaptors

## Drive Couplings

- ♦ Flexible Jaw



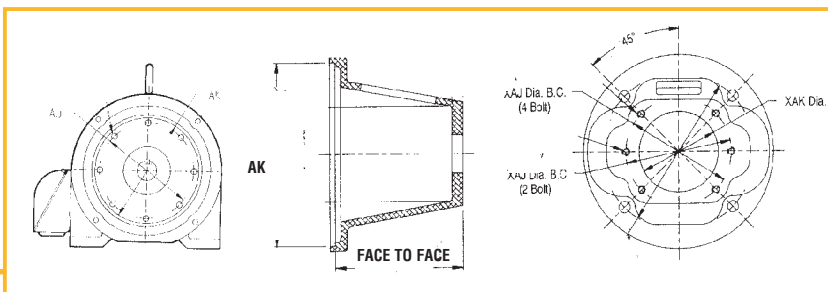
**MP FILTRI (CANADA) INC.**

# Pump Motor Adaptors-Horizontal

## Description

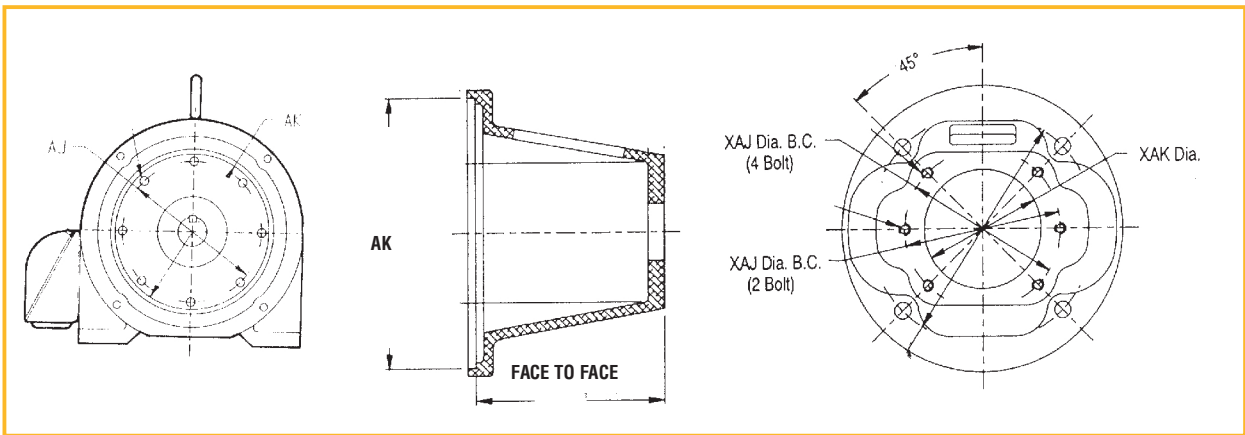
- ◆ High strength cast aluminum
- ◆ Orange, snap in access cover
- ◆ Large access hole for coupling installation

## Dimensions



| Adaptor Number | Motor Frame Size | SAE Pump Mounting | Face to Face | Electric Motor |             | Pump End         |            |
|----------------|------------------|-------------------|--------------|----------------|-------------|------------------|------------|
|                |                  |                   |              | Bolt Circle AJ | Register AK | Bolt Circle XAJ" | Pilot XAK" |
| 170499         | 56C<br>143/145TC | 2A, 4A            | 2.65"        | 5.875"         | 4.50"       | 4.19/4.12        | 3.251      |
| 170699         |                  | 2AA               | 3.50"        | 5.875"         | 4.50"       | 3.25             | 2.001      |
| 170799         |                  | 2A, 4A            | 3.50"        | 5.875"         | 4.50"       | 4.19/4.12        | 3.251      |
| 170599         |                  | 4F17              | 3.50"        | 5.875"         | 4.50"       | 2.84             | 1.781      |
| 6027           |                  | 2AA               | 4.25"        | 5.875"         | 4.50"       | 3.25             | 2.001      |
| 6028           |                  | 2A, 4A            | 4.25"        | 5.875"         | 4.50"       | 4.19/4.12        | 3.251      |
| 6029           |                  | 4F17              | 4.25"        | 5.875"         | 4.50"       | 2.84             | 1.781      |
| 2114           |                  | Spacer            | 1.00"        | 5.875"         | 4.50"       |                  |            |

|        |                           |                  |       |        |        |           |       |
|--------|---------------------------|------------------|-------|--------|--------|-----------|-------|
| 6026   | 182TC<br>Through<br>256TC | 2A, 4A           | 4.63" | 7.250" | 8.500" | 4.19/4.12 | 3.251 |
| 2000   |                           | 4F17             | 5.00" | 7.250" | 8.500" | 2.84      | 1.781 |
| 1994   |                           | 2AA              | 5.00" | 7.250" | 8.500" | 3.25      | 2.001 |
| 1960   |                           | 2A, 4A           | 5.00" | 7.250" | 8.500" | 4.19/4.12 | 3.251 |
| 1964   |                           | 2B, 4B           | 5.00" | 7.250" | 8.500" | 5.75/5.00 | 4.001 |
| 1946   |                           | 2C, 4C           | 5.44" | 7.250" | 8.500" | 7.12/6.38 | 5.001 |
| 1995   |                           | 2AA              | 5.81" | 7.250" | 8.500" | 3.25      | 2.001 |
| 1959   |                           | 2A, 4A           | 5.81" | 7.250" | 8.500" | 4.19/4.12 | 3.251 |
| 1952   |                           | 2B, 4B           | 5.81" | 7.250" | 8.500" | 5.75/5.00 | 4.001 |
| 1955   |                           | 2C, 4C           | 6.38" | 7.250" | 8.500" | 7.12/6.38 | 5.001 |
| 1950   |                           | 2A, 4A           | 6.81" | 7.250" | 8.500" | 4.19/4.12 | 3.251 |
| 1951   |                           | 2B, 4B           | 6.81" | 7.250" | 8.500" | 5.75/5.00 | 4.001 |
| 1956   |                           | 2C, 4C           | 7.38" | 7.250" | 8.500" | 7.12/6.38 | 5.001 |
| 1962   |                           | Spacer           | 1.00" | 7.250" | 8.500" |           |       |
| 268299 |                           | Vertical Adaptor | 0.50" | 7.250" | 8.500" |           |       |



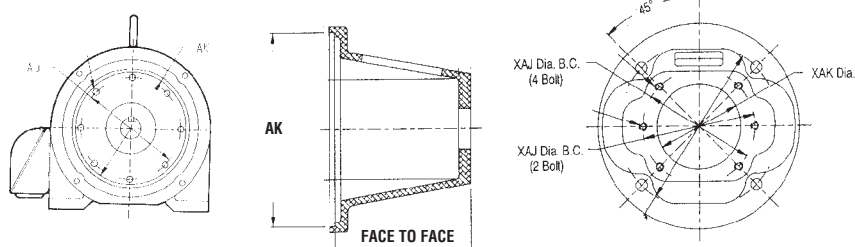
| Adaptor Number | Motor Frame Size                  | SAE Pump Mounting | Face to Face | Electric Motor |             | Pump End         |            |
|----------------|-----------------------------------|-------------------|--------------|----------------|-------------|------------------|------------|
|                |                                   |                   |              | Bolt Circle AJ | Register AK | Bolt Circle XAJ" | Pilot XAK" |
| 1851           | 284TC/TSC<br>Through<br>286TC/TSC | 2A, 4A            | 5.88"        | 9.000"         | 10.500"     | 4.19/4.12        | 3.251      |
| 1855           |                                   | 2C, 4C            | 5.88"        | 9.000"         | 10.500"     | 7.12/6.38        | 5.001      |
| 1975           |                                   | 2A, 4A            | 7.19"        | 9.000"         | 10.500"     | 4.19/4.12        | 3.251      |
| 1979           |                                   | 2B, 4B            | 7.19"        | 9.000"         | 10.500"     | 5.75/5.00        | 4.001      |
| 1981           |                                   | 2C, 4C            | 7.19"        | 9.000"         | 10.500"     | 7.12/6.38        | 5.001      |
| 1854           |                                   | 2B, 4B            | 7.88"        | 9.000"         | 10.500"     | 5.75/5.00        | 4.001      |
| 1856           |                                   | 2C, 4C            | 7.88"        | 9.000"         | 10.500"     | 7.12/6.38        | 5.001      |
| 1978           |                                   | 2A, 4A            | 8.88"        | 9.000"         | 10.500"     | 4.19/4.12        | 3.251      |
| 1980           |                                   | 2B, 4B            | 8.88"        | 9.000"         | 10.500"     | 5.75/5.00        | 4.001      |
| 1982           |                                   | 2C, 4C            | 8.88"        | 9.000"         | 10.500"     | 7.12/6.38        | 5.001      |
| 3047           |                                   | Spacer            | 0.50"        | 9.000"         | 10.500"     |                  |            |
| 268399         |                                   | Vertical Adaptor  | 0.50"        | 9.000"         | 10.500"     |                  |            |

|        |                                   |        |       |         |         |           |       |
|--------|-----------------------------------|--------|-------|---------|---------|-----------|-------|
| 260399 | 324TC/TSC<br>Through<br>405TC/TSC | 2C, 4C | 6.30" | 11.000" | 12.500" | 7.12/6.38 | 5.001 |
| 1974   |                                   | 2B, 4B | 7.68" | 11.000" | 12.500" | 5.75/5.00 | 4.001 |
| 1984   |                                   | 2C, 4C | 7.68" | 11.000" | 12.500" | 7.12/6.38 | 5.001 |
| 1986   |                                   | 2D, 4D | 7.68" | 11.000" | 12.500" | 9.00      | 6.001 |
| 1983   |                                   | 2C, 4C | 8.88" | 11.000" | 12.500" | 7.12/6.38 | 5.001 |
| 1969   |                                   | 2B, 4B | 8.88" | 11.000" | 12.500" | 5.75/5.00 | 4.001 |
| 1985   |                                   | 2D     | 8.88" | 11.000" | 12.500" | 9.00      | 6.001 |
| 235099 |                                   | 2D, 4D | 9.63" | 11.000" | 12.500" | 9.00      | 6.001 |
| 260799 |                                   | 2C, 4C | 9.88" | 11.000" | 12.500" | 7.12/6.38 | 5.001 |
| 1993   |                                   | Spacer | 1.25" | 11.000" | 12.500" |           |       |

|      |         |        |       |         |         |           |       |
|------|---------|--------|-------|---------|---------|-----------|-------|
| 1880 | 444TC   | 2C, 4C | 8.88" | 14.000" | 16.000" | 7.12/6.38 | 5.001 |
| 1881 | Through | 2D, 4D | 8.88" | 14.000" | 16.000" | 9.00      | 6.001 |
| 1882 | 445TSC  | 2E     | 8.88" | 14.000" | 16.000" | 12.50     | 6.501 |

# Pump Motor Adaptors - Vertical

## Dimensions



| Adaptor Number | Motor Frame Size          | SAE Pump Mounting | Face to Face | Electric Motor |             | Pump End         |            |
|----------------|---------------------------|-------------------|--------------|----------------|-------------|------------------|------------|
|                |                           |                   |              | Bolt Circle AJ | Register AK | Bolt Circle XAJ" | Pilot XAK" |
| 6027           | 56C<br>143/145TC          | 2AA               | 4.25"        | 5.875"         | 4.50"       | 3.25             | 2.001      |
| 6028           |                           | 2A, 4A            | 4.25"        | 5.875"         | 4.50"       | 4.19/4.12        | 3.251      |
| 6029           |                           | 4F17              | 4.25"        | 5.875"         | 5.40"       | 2.84             | 1.781      |
| 6030           | 182TC<br>Through<br>256TC | 2A, 4A            | 5.00"        | 7.250"         | 8.500"      | 4.19/4.12        | 3.251      |
| 6031           |                           | 2AA               | 5.00"        | 7.250"         | 8.500"      | 3.25             | 2.001      |
| 6034           |                           | 2A, 4A            | 5.88"        | 7.250"         | 8.500"      | 4.19/4.12        | 3.251      |
| 6036           |                           | 2B, 4B            | 5.75"        | 7.250"         | 8.500"      | 5.75/5.00        | 4.001      |
| 6038           |                           | 2A, 4A            | 6.88"        | 7.250"         | 8.500"      | 4.19/4.12        | 3.251      |
| 6040           |                           | 2B, 4B            | 6.81"        | 7.250"         | 8.500"      | 5.75/5.00        | 4.001      |
| 6054           |                           | 2A, 4A            | 5.00"        | 7.250"         | 8.500"      | 4.19/4.12        | 3.251      |
| 6055           |                           | 2A, 4A            | 5.75"        | 7.250"         | 8.500"      | 4.19/4.12        | 3.251      |

## Gas Engine Pump Adaptors

| Adaptor Number | Gas Engine  |       | Face to Face | SAE Pump |             |       |
|----------------|-------------|-------|--------------|----------|-------------|-------|
|                | Bolt Circle | Pilot |              | Mount    | Bolt Circle | Pilot |
| GAS10-4F17     | 3.625       | 1.625 | 4.44         | 4F17     | 2.84        | 1.781 |
| GAS11-2AA      | 3.625       | 1.625 | 4.44         | 2AA      | 3.25        | 2.001 |
| GAS13-2AA      | 6.5         | 5.75  | 5.00         | 2AA      | 3.25        | 2.001 |
| GAS15-4F17     | 6.5         | 5.75  | 5.63         | 4F17     | 2.84        | 1.781 |
| GAS15-2AA      | 6.5         | 5.75  | 5.63         | 2AA      | 3.25        | 2.001 |
| GAS16/5-2A     | 6.5         | 5.75  | 5.75         | 2A       | 4.19        | 3.251 |
| GAS16/7-2A     | 7.75        | 7     | 5.63         | 2A       | 4.19        | 3.251 |
| GAS13-2A       | 6.5         | 5.75  | 5.00         | 2A       | 4.19        | 3.251 |
| GAS13-4F17     | 6.5         | 5.75  | 5.00         | 4F17     | 2.84        | 1.781 |

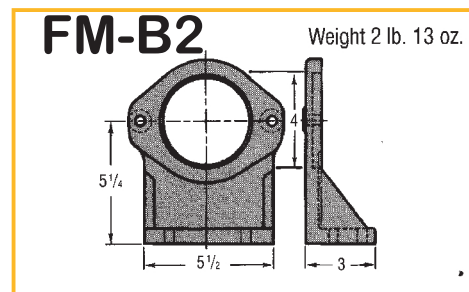
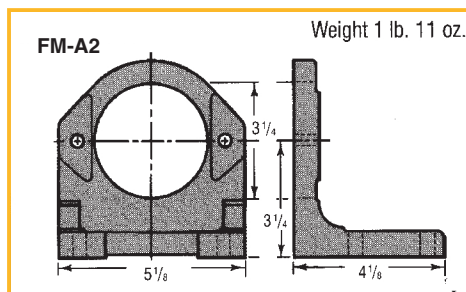
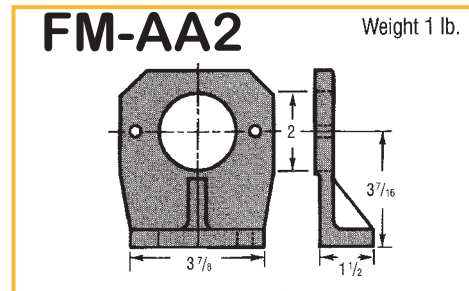
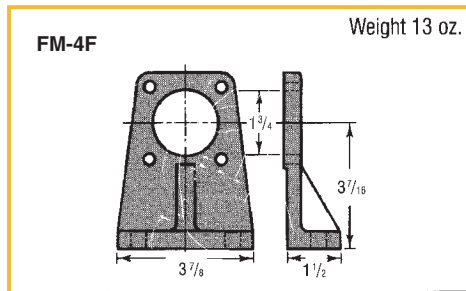
# Foot Mount Brackets For Hydraulic Pumps

## Specifications

◆ Durable aluminum casting

◆ Available in: SAE AA 4 bolt  
SAE AA 2 bolt  
SAE A 2 bolt  
SAE B 2 bolt

## Dimensions



## Ordering Information

| FM            |  | A2          |               |
|---------------|--|-------------|---------------|
| PRODUCT TYPE  |  | PUMP FLANGE |               |
| FM/Foot Mount |  | 4F          | SAE AA 4 bolt |
|               |  | AA2         | SAE AA 2 bolt |
|               |  | A2          | SAE A 2 bolt  |
|               |  | B2          | SAE B 2 bolt  |

# Drive Couplings

## Insert Specifications

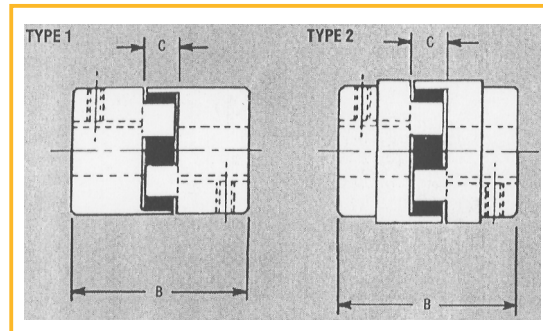
- ◆ Materials: Rubber (Buna-N)
- ◆ Max Misalignment: Angular: 1°  
Parallel: 0.015"
- ◆ Temperature: -40°C to +100° C

## Hub Specifications

- ◆ Material: L075 - L150: Sintered Iron (S.I.)  
L190 - L225: Iron (C.I.)

## Coupling Dimensions and Specifications

| Coupling Number | Type | Dimensions in. |       | Bore Weight lb |      |
|-----------------|------|----------------|-------|----------------|------|
|                 |      | C              | B     | Min.           | Max. |
| L075            | 1    | 1/2            | 2-1/8 | 1.0            | 0.8  |
| L095            | 1    | 1/2            | 2-1/2 | 1.8            | 1.3  |
| L100            | 1    | 3/4            | 3-1/2 | 3.5            | 2.5  |
| L110            | 1    | 7/8            | 4-1/4 | 6.6            | 5.0  |
| L150            | 1    | 1              | 4-1/2 | 9.1            | 7.0  |
| L190            | 2    | 1              | 4-7/8 | 17.0           | 13.0 |
| L225            | 2    | 1              | 5-3/8 | 23.0           | 18.0 |



- ◆ Torque - Horsepower Ratings for Buna-N Insert:

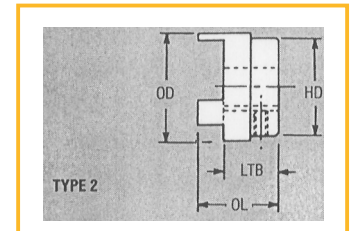
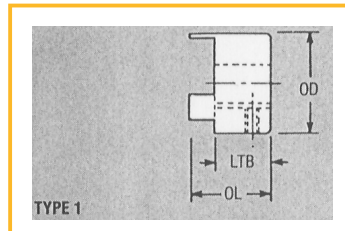
| Coupling Number | Max. Bore | Torque in Lbs | HP/100 RPM | HP / Speeds (RPM) |       |       |        |
|-----------------|-----------|---------------|------------|-------------------|-------|-------|--------|
|                 |           |               |            | 900               | 1200  | 1800  | 3600   |
| L075            | 7/8       | 88.0          | 0.140      | 1.26              | 1.68  | 2.51  | 5.03   |
| L095            | 1-1/8     | 189.0         | 0.300      | 2.70              | 3.60  | 5.40  | 10.80  |
| L100            | 1-3/8     | 416.0         | 0.660      | 5.94              | 7.92  | 11.88 | 23.76  |
| L110            | 1-5/8     | 788.0         | 1.250      | 11.25             | 15.00 | 22.51 | 45.01  |
| L150            | 1-7/8     | 1260.0        | 1.999      | 17.99             | 23.99 | 35.99 | 71.97  |
| L190            | 2-1/8     | 1700.0        | 2.697      | 24.28             | 32.37 | 48.55 | 97.10  |
| L225            | 2-3/8     | 2330.0        | 3.697      | 33.27             | 44.36 | 66.55 | 133.09 |

# Stock Bore Sizes

| Key           | Bore   | L075 | L095 | L100 | L110 | L150 | L190 | L225 |
|---------------|--------|------|------|------|------|------|------|------|
| 3/32" x 3/64" | 7/16   | •    | •    | •    |      |      |      |      |
| 1/8" x 1/16"  | 3/8    | •    |      |      |      |      |      |      |
|               | 7/16   | •    | •    | •    |      |      |      |      |
|               | 1/2    | •    | •    | •    |      |      |      |      |
|               | 9/16   | •    | •    | •    |      |      |      |      |
| 3/16" x 3/32" | 5/8    | •    | •    | •    | •    | •    |      |      |
|               | 3/4    | •    | •    | •    | •    | •    | •    | •    |
|               | 7/8    | •    | •    | •    | •    | •    | •    | •    |
| 1/4" x 1/8"   | 1      |      | •    | •    | •    | •    | •    | •    |
|               | 1-1/8  |      | •    | •    | •    | •    | •    | •    |
|               | 1-3/16 |      |      | •    | •    | •    | •    | •    |
|               | 1-1/4  |      |      | •    | •    | •    | •    | •    |
| 3/8" x 3/16"  | 1-1/2  |      |      |      | •    | •    | •    | •    |
|               | 1-5/8  |      |      |      | •    | •    | •    | •    |
|               | 1-3/4  |      |      |      |      | •    | •    | •    |
| 1/2" x 1/4"   | 1-7/8  |      |      |      |      | •    | •    | •    |
|               | 2      |      |      |      |      |      | •    | •    |
|               | 2-1/8  |      |      |      |      |      | •    | •    |
|               | 2-1/4  |      |      |      |      |      |      | •    |
| 5/8" x 5/16"  | 2-3/8  |      |      |      |      |      |      | •    |

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## Hub Dimensions and Specifications



| HUB Number | Hub   |      | Dimensions |       |         |          | Bore Range |       | Hub Weight Bores |      |
|------------|-------|------|------------|-------|---------|----------|------------|-------|------------------|------|
|            | Mat'l | Type | OD         | HD    | LTB     | OL       | Min.       | Max.  | Min.             | Max. |
| L075       | S.I.  | 1    | 1-3/4      | ---   | 13/16   | 1- 9/32  | 1/4        | 7/8   | .50              | .40  |
| L095       | S.I.  | 1    | 2-7/64     | ---   | 1       | 1-29/64  | 7/16       | 1-1/8 | .90              | .65  |
| L100       | S.I.  | 1    | 2-17/32    | --    | 1-3/8   | 2-3/64   | 7/16       | 1-3/8 | 1.75             | 1.25 |
| L110       | S.I.  | 1    | 3-5/16     | ---   | 1-11/16 | 2-31/64  | 5/8        | 1-5/8 | 3.20             | 2.40 |
| L150       | S.I.  | 1    | 3-3/4      | ---   | 1-3/4   | 2-11/16  | 5/8        | 1-7/8 | 4.50             | 3.40 |
| L190       | C.I.  | 2    | 4-1/2      | 4     | 1-15/16 | 2- 57/64 | 3/4        | 2-1/8 | 8.20             | 6.20 |
| L225       | C.I.  | 2    | 5          | 4 1/4 | 2-3/16  | 3-7/64   | 3/4        | 2-3/8 | 11.10            | 8.60 |

## Special Sizes - Non Standard

- ◆ Bore sizes available with non-standard keyways:

Special halves available from stock.

### Bore Tolerances

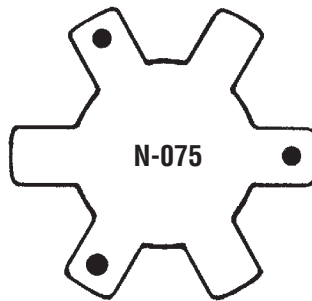
|              |               |
|--------------|---------------|
| Up to 1-7/16 | +.0015/- .000 |
| Over 1-1/2   | +.002/- .000  |

| Keyway Size               | L075 | L095 | L100 | L110 | L150 | L190 | L225 |
|---------------------------|------|------|------|------|------|------|------|
| 1/8 x 7/16<br>7/16 Bore   | •    | •    | •    |      |      |      |      |
| 5/32 x 5/64<br>5/8 Bore   | •    | •    | •    |      |      |      |      |
| 1/4 x 1/8<br>7/8 Bore     |      | •    | •    | •    | •    | •    | •    |
| 5/16 x 5/32<br>1-1/4 Bore |      |      | •    | •    | •    | •    | •    |

## Replacement Inserts

- ◆ Raised dots on each side of the cushion insert provide the correct pre-measured gap between the jaw and spider.

- ◆ Hytrel and Urethan also available



| SERIES | Replacement Inserts |
|--------|---------------------|
| L075   | N-075               |
| L095   | N-095               |
| L100   | N-100               |
| L110   | N-110               |
| L150   | N-150               |
| L190   | N-190               |
| L225   | N-225               |

## Ordering Information Drive Coupling

