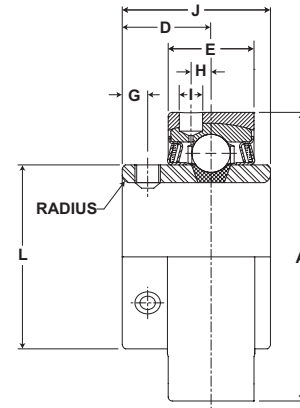




**Duty:** Standard  
**Rolling Elements:** Ball  
**Self Alignment:** +/- 2 Degrees  
**Lock:** Setscrew  
**Seal:** Felt  
**Optional Seal:** Contact  
**Temperature:** -20° to 220°F



## AR Series Standard Duty Expansion Insert - Setscrew Locking

| Bore Diameter                      |    | Part No.                                                         | Bearing Insert No.                              | Basic Dynamic Rating lb/N | Dimensions inch / mm  |                 |                 |               |               |               |                 |                  | Max Rad. To Clear | Setscrew Thread | Unit Wt. lb/kg |
|------------------------------------|----|------------------------------------------------------------------|-------------------------------------------------|---------------------------|-----------------------|-----------------|-----------------|---------------|---------------|---------------|-----------------|------------------|-------------------|-----------------|----------------|
| inch                               | mm |                                                                  |                                                 |                           | A<br>+.000"<br>-.005" | D               | E               | G             | H             | I             | J               | L                |                   |                 |                |
| 1/2<br>9/16<br>5/8<br>11/16<br>3/4 | 20 | AR-2-08<br>AR-2-09<br>AR-2-010<br>AR-2-011<br>AR-2-012<br>AR-204 | 2-08<br>2-09<br>2-010<br>2-011<br>2-012<br>5204 | 2611<br>11614             | 2.062<br>52.375       | 23/32<br>18.3   | 49/64<br>19.4   | 3/16<br>4.8   | 1/8<br>3.2    | 1/4<br>6.4    | 1 7/32<br>31.0  | 1 3/16<br>30.2   | .040<br>1.02      | 1/4-28          | .8<br>.36      |
| 13/16<br>7/8<br>15/16<br>1         | 25 | AR-2-013<br>AR-2-014<br>AR-2-015<br>AR-2-1<br>AR-205             | 2-013<br>2-014<br>2-015<br>2-1<br>5205          | 2801<br>12459             | 2.272<br>57.709       | 13/16<br>20.6   | 49/64<br>19.4   | 7/32<br>5.6   | 11/64<br>4.4  | 1/4<br>6.4    | 1 3/8<br>34.9   | 1 3/8<br>34.9    | .040<br>1.02      | 1/4-28          | 1.0<br>.45     |
| 1 1/16<br>1 1/8<br>1 3/16<br>1 1/4 | 30 | AR-2-11<br>AR-2-12<br>AR-2-13<br>AR-1-14<br>AR-206               | 2-11<br>2-12<br>2-13<br>1-14<br>5206            | 4381<br>19487             | 2.687<br>68.250       | 7/8<br>22.2     | 61/64<br>24.2   | 7/32<br>5.6   | 7/32<br>5.6   | 1/4<br>6.4    | 1 1/2<br>38.1   | 1 19/32<br>40.5  | .040<br>1.02      | 1/4-28          | 1.5<br>.68     |
| 1 1/4<br>1 5/16<br>1 3/8<br>1 7/16 | 35 | AR-2-14<br>AR-2-15<br>AR-2-16<br>AR-2-17<br>AR-207               | 2-14<br>2-15<br>2-16<br>2-17<br>5207            | 5782<br>25718             | 3.140<br>79.756       | 1<br>25.4       | 1 1/64<br>25.8  | 1/4<br>6.4    | 1/4<br>6.4    | 1/4<br>6.4    | 1 11/16<br>42.9 | 1 55/64<br>47.2  | .040<br>1.02      | 5/16-24         | 2.1<br>.95     |
| 1 1/2<br>1 9/16                    | 40 | AR-2-18<br>AR-2-19<br>AR-208                                     | 2-18<br>2-19<br>5208                            | 7340<br>32648             | 3.375<br>85.725       | 1 3/16<br>30.2  | 1 11/64<br>29.8 | 5/16<br>7.9   | 19/64<br>7.5  | 1/4<br>6.4    | 1 15/16<br>49.2 | 2 1/16<br>52.4   | .062<br>1.57      | 5/16-24         | 2.8<br>1.27    |
| 1 5/8<br>1 11/16<br>1 3/4          | 45 | AR-2-110<br>AR-2-111<br>AR-2-112<br>AR-209                       | 2-110<br>2-111<br>2-112<br>5209                 | 7901<br>35144             | 3.562<br>90.475       | 1 3/16<br>30.2  | 1 11/64<br>29.8 | 5/16<br>7.9   | 19/64<br>7.5  | 1/4<br>6.4    | 1 15/16<br>49.2 | 2 19/64<br>58.3  | .062<br>1.57      | 5/16-24         | 3<br>1.36      |
| 1 13/16<br>1 7/8<br>1 15/16<br>2   | 50 | AR-2-113<br>AR-2-114<br>AR-2-115<br>AR-1-2<br>AR-210             | 2-113<br>2-114<br>2-115<br>1-2<br>5210          | 7889<br>35090             | 3.875<br>98.425       | 1 9/32<br>32.5  | 1 13/64<br>30.6 | 3/8<br>9.5    | 17/64<br>6.7  | 11/32<br>8.7  | 2 1/32<br>51.6  | 2 15/32<br>62.7  | .062<br>1.57      | 3/8-24          | 3.5<br>1.59    |
| 2<br>2 1/8<br>2 3/16               | 55 | AR-2-2<br>AR-2-22<br>AR-2-23<br>AR-211                           | 2-2<br>2-22<br>2-23<br>5211                     | 9752<br>43377             | 4.250<br>107.950      | 1 5/16<br>33.3  | 1 17/64<br>32.1 | 3/8<br>9.5    | 19/64<br>7.5  | 11/32<br>8.7  | 2 3/16<br>55.6  | 2 23/32<br>69.1  | .080<br>2.03      | 3/8-24          | 4.4<br>2.00    |
| 2 1/4<br>2 3/8<br>2 7/16           | 60 | AR-2-24<br>AR-2-26<br>AR-2-27<br>AR-212                          | 2-24<br>2-26<br>2-27<br>5212                    | 11789<br>52437            | 4.718<br>119.837      | 1 9/16<br>39.7  | 1 21/64<br>33.7 | 7/16<br>11.1  | 21/64<br>8.3  | 11/32<br>8.7  | 2 9/16<br>65.1  | 2 63/64<br>75.8  | .080<br>2.03      | 3/8-24          | 5.8<br>2.63    |
| 2 11/16                            | 70 | AR-2-211<br>AR-214                                               | 2-211<br>5214                                   | 13971<br>62143            | 5.170<br>131.318      | 1 11/16<br>42.9 | 1 29/64<br>36.9 | 7/16<br>11.1  | 3/8<br>9.5    | 11/32<br>8.7  | 2 3/4<br>69.9   | 3 7/16<br>87.3   | .080<br>2.03      | 7/16-20         | 9.3<br>4.22    |
| 2 7/8<br>2 15/16                   | 75 | AR-2-214<br>AR-2-215<br>AR-215                                   | 2-214<br>2-215<br>5215                          | 14839<br>66004            | 5.375<br>136.525      | 1 3/4<br>44.5   | 1 37/64<br>40.1 | 7/16<br>11.1  | 3/8<br>9.5    | 11/32<br>8.7  | 3 1/16<br>77.8  | 3 41/64<br>92.5  | .080<br>2.03      | 7/16-20         | 9.6<br>4.35    |
| 3 3/16<br>3.150                    | 80 | AR-2-233<br>AR-216                                               | 2-233<br>5216                                   | 17412<br>77449            | 5.875<br>149.225      | 1 15/16<br>49.2 | 1 53/64<br>46.4 | 17/32<br>13.5 | 13/32<br>10.3 | 15/32<br>11.9 | 3 1/4<br>82.6   | 3 59/64<br>99.6  | .120<br>3.0       | 7/16-20         | 12.2<br>5.53   |
| 3 1/4<br>3 3/8<br>3 7/16           |    | AR-2-34<br>AR-2-36<br>AR-2-37                                    | 2-34<br>2-36<br>2-37                            | 18681<br>83093            | 6.280<br>159.512      | 2 1/32<br>51.6  | 2 5/64<br>52.8  | 15/32<br>11.9 | 17/32<br>13.5 | 15/32<br>11.9 | 3 3/8<br>85.7   | 4 5/32<br>105.6  | .120<br>3.05      | 7/16-20         | 15.2<br>6.89   |
| 3 1/2                              | 90 | AR-2-38<br>AR-218                                                | 2-38<br>5218                                    | 21566<br>95926            | 6.750<br>171.450      | 2 7/32<br>56.4  | 2 9/64<br>54.4  | 5/8<br>15.9   | 15/32<br>11.9 | 15/32<br>11.9 | 3 25/32<br>96.0 | 4 25/64<br>111.5 | .120<br>3.05      | 1/2-20          | 18.5<br>8.39   |

For Standard Duty Bearing Inserts - Single Lock see page G-92.