

L45400 – 46700 SERIES

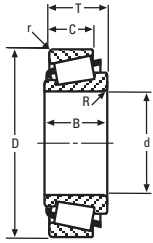
| CONE                 |                   |                  | Max Shaft Fillet Radii<br>R ① | Weight              | CUP       |                   |                  | Max Hs'ng Fillet Radii<br>r ① | Weight             | BEARING          | Remarks   |
|----------------------|-------------------|------------------|-------------------------------|---------------------|-----------|-------------------|------------------|-------------------------------|--------------------|------------------|---|
| Number               | BORE<br>d         | WIDTH<br>B       |                               |                     | Number    | OUTSIDE DIA<br>D  | WIDTH<br>C       |                               |                    | WIDTH<br>T       |   |
| <b>L45400 Series</b> |                   |                  |                               |                     |           |                   |                  |                               |                    |                  |   |
| L45449               | 29.000<br>1.1417  | 14.732<br>.5800  | 3.5<br>.14                    | .08 kg<br>.17 lb    | *L45410-Z | 50.292<br>1.9800  | 10.668<br>.4200  | 1.3<br>.05                    | .03 kg<br>.08 lb   | 14.224<br>.5600  | L45410 : CHAMFER ON FRONTFACE OD  |
| L45449F              | 29.000<br>1.1417  | 14.732<br>.5800  | 3.5<br>.14                    | -<br>-              | *L45410   | 50.292<br>1.9800  | 10.668<br>.4200  | 1.3<br>.05                    | .03 kg<br>.08 lb   | 14.224<br>.5600  | L45410-Z : CHAMFER ON FRONTFACE OD  |
| <b>46000 Series</b>  |                   |                  |                               |                     |           |                   |                  |                               |                    |                  |   |
| 46143                | 36.512<br>1.4375  | 31.750<br>1.2500 | 1.5<br>.06                    | .75 kg<br>1.65 lb   | 46368     | 93.662<br>3.6875  | 26.195<br>1.0313 | 3.3<br>.13                    | .40 kg<br>.88 lb   | 31.750<br>1.2500 |   |
| 46150                | 38.100<br>1.5000  | 31.750<br>1.2500 | .8<br>.03                     | .73 kg<br>1.60 lb   | 46369     | 93.662<br>3.6875  | 26.195<br>1.0313 | 1.3<br>.05                    | .41 kg<br>.90 lb   | 31.750<br>1.2500 |   |
| 46151                | 38.100<br>1.5000  | 31.750<br>1.2500 | 3.5<br>.14                    | .72 kg<br>1.59 lb   |           |                   |                  |                               |                    |                  |   |
| 46162                | 41.275<br>1.6250  | 31.750<br>1.2500 | .8<br>.03                     | .68 kg<br>1.49 lb   |           |                   |                  |                               |                    |                  |   |
| 46175                | 44.450<br>1.7500  | 31.750<br>1.2500 | .8<br>.03                     | .62 kg<br>1.38 lb   |           |                   |                  |                               |                    |                  |   |
| 46176                | 44.450<br>1.7500  | 31.750<br>1.2500 | 3.5<br>.14                    | .62 kg<br>1.36 lb   |           |                   |                  |                               |                    |                  |   |
| <b>46700 Series</b>  |                   |                  |                               |                     |           |                   |                  |                               |                    |                  |   |
| *46780               | 158.750<br>6.2500 | 39.688<br>1.5625 | 3.5<br>.14                    | -<br>-              | 46720     | 225.425<br>8.8750 | 33.338<br>1.3125 | 3.3<br>.13                    | 1.63 kg<br>3.59 lb | 41.275<br>1.6250 | 46777: REVERSE TAPERED BORE   |
| *46790               | 165.100<br>6.5000 | 39.688<br>1.5625 | 3.5<br>.14                    | -<br>-              | *46720-B  | 225.425<br>8.8750 | 33.338<br>1.3125 | 3.3<br>.13                    | 1.66 kg<br>3.67 lb | 13.495<br>.5313  | 46780: FRONTFACE CHAMFER<br>46780TD: TAPERED BORE   |
| *46790A              | 165.100<br>6.5000 | 39.688<br>1.5625 | spcl.<br>spcl.                | -<br>-              | *46720CD  | 225.425<br>8.8750 | 69.850<br>2.7500 | .8<br>.03                     | 3.49 kg<br>7.70 lb | 85.725<br>3.3750 | 46790: FRONTFACE CHAMFER  |
| *46791A              | 166.000<br>6.5354 | 39.688<br>1.5625 | 3.5<br>.14                    | -<br>-              | *46720DV  | 225.425<br>8.8750 | 69.850<br>2.7500 | .8<br>.03                     | 3.49 kg<br>7.70 lb | 85.725<br>3.3750 | 46790A: BROKEN FRONTFACE ID   |
| *46792               | 166.688<br>6.5625 | 39.688<br>1.5625 | spcl.<br>spcl.                | -<br>-              | *46720DW  | 225.425<br>8.8750 | 69.850<br>2.7500 | .8<br>.03                     | -<br>-             | 85.725<br>3.3750 | SPECIAL BACKFACE RADIUS   |
|                      |                   |                  |                               |                     | *46721D   | 225.425<br>8.8750 | 76.200<br>3.0000 | .8<br>.03                     | 4.15 kg<br>9.14 lb | 92.075<br>3.6250 | NA46790: BROKEN FRONTFACE ID<br>SPECIAL BACKFACE RADIUS   |
|                      |                   |                  |                               |                     | 46721XD   | 225.425<br>8.8750 | 76.200<br>3.0000 | .8<br>.03                     | -<br>-             | 92.075<br>3.6250 | NA46790-SW: FRONTFACE CHAMFER<br>SLOTS IN FRONTFACE   |
| *46780TD             | 158.750<br>6.2500 | 76.200<br>3.0000 | spcl.<br>spcl.                | 8.96 kg<br>19.76 lb | 46720     | 225.425<br>8.8750 | 33.338<br>1.3125 | 3.3<br>.13                    | 1.63 kg<br>3.59 lb | 79.375<br>3.1250 | NA46790-SWV: EXTENDED LARGE RIB<br>FRONTFACE CHAMFER<br>MADE FROM VACUUM<br>MELT STEEL<br>SLOTS IN FRONTFACE<br>SPECIAL BACKFACE RADIUS |
| 46790D               | 165.100<br>6.5000 | 76.200<br>3.0000 | spcl.<br>spcl.                | 7.53 kg<br>16.60 lb |           |                   |                  |                               |                    |                  |   |
| *46791D              | 165.100<br>6.5000 | 79.375<br>3.1250 | spcl.<br>spcl.                | 7.58 kg<br>16.72 lb |           |                   |                  |                               |                    |                  |   |
| *46791DW             | 165.100<br>6.5000 | 79.375<br>3.1250 | spcl.<br>spcl.                | 7.58 kg<br>16.72 lb |           |                   |                  |                               |                    |                  | 46791A: BROKEN FRONTFACE ID   |
|                      |                   |                  |                               |                     |           |                   |                  |                               |                    |                  | 46791D: ASYMMETRICAL BEARING<br>SHOULDER ON OD<br>RIGHTFACE   |
|                      |                   |                  |                               |                     |           |                   |                  |                               |                    |                  | 46791DW: ASYMMETRICAL BEARING<br>SHOULDER ON OD<br>RIGHTFACE<br>SLOTS IN LEFTFACE   |
|                      |                   |                  |                               |                     |           |                   |                  |                               |                    |                  | NA46791: BROKEN FRONTFACE ID<br>EXTENDED LARGE RIB<br>SPECIAL BACKFACE RADIUS   |
|                      |                   |                  |                               |                     |           |                   |                  |                               |                    |                  | 46792: BROKEN FRONTFACE ID<br>SPECIAL BACKFACE RADIUS   |
|                      |                   |                  |                               |                     |           |                   |                  |                               |                    |                  | 46792TD: REVERSE TAPERED BORE   |
|                      |                   |                  |                               |                     |           |                   |                  |                               |                    |                  | 46799T: TAPERED BORE  |
|                      |                   |                  |                               |                     |           |                   |                  |                               |                    |                  | 46799TE: EXTENDED LARGE RIB<br>SPECIAL BACKFACE RADIUS<br>SPECIAL FRONTFACE<br>RADIUS<br>TAPERED BORE                                   |
|                      |                   |                  |                               |                     |           |                   |                  |                               |                    |                  | 46720-B : FLANGE ON OD FRONTFACE,<br>BEARING WIDTH IS T1<br>DIMENSION   |
|                      |                   |                  |                               |                     |           |                   |                  |                               |                    |                  | 46720CD : GROOVE IN OD CENTER<br>HOLES IN OD CENTER   |

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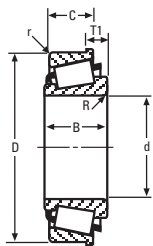
①These Maximum Fillet Radii will be cleared by the Cone or Cup Radii.  
†Bore or O.D. shown are maximum dimensions. \*See Remarks Column.

46700 – 47600 SERIES

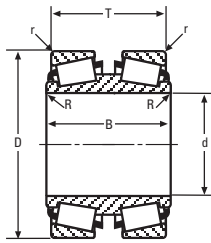
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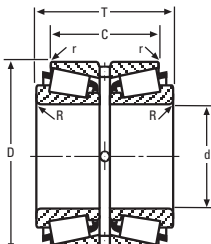
SINGLE ROW



SINGLE ROW WITH FLANGE



DOUBLE CONE



DOUBLE CUP

| CONE                       |                   |                  | Max Shaft Fillet Radii R ① | Weight              | CUP  |                   |                  | Max Hs'ng Fillet Radii r ① | Weight             | BEARING WIDTH T  | Remarks   |
|----------------------------|-------------------|------------------|----------------------------|---------------------|--|-------------------|------------------|----------------------------|--------------------|------------------|---|
| Number                     | BORE d            | WIDTH B          |                            |                     | Number   | OUTSIDE DIA D     | WIDTH C          |                            |                    |                  |   |
| <b>46700 Series (cont)</b> |                   |                  |                            |                     |  |                   |                  |                            |                    |                  |   |
| *46777T                    | 160.205<br>6.3073 | 42.862<br>1.6875 | 3.3<br>.13                 | -                   | 46720  | 225.425<br>8.8750 | 33.338<br>1.3125 | 3.3<br>.13                 | 1.63 kg<br>3.59 lb | 40.970<br>1.6130 | 46720DV : GROOVE IN OD CENTER<br>HOLES IN OD CENTER<br>MADE FROM VACUUM<br>MELT STEEL |
| *46799T                    | 170.655<br>6.7187 | 42.862<br>1.6875 | 3.0<br>.12                 | -                   | *46720-B   | 225.425<br>8.8750 | 33.338<br>1.3125 | 3.3<br>.13                 | 1.66 kg<br>3.67 lb | 13.190<br>.5193  | 46720DW : GROOVE IN OD CENTER<br>HOLES IN OD CENTER<br>KEYWAY IN OD CENTER            |
|                            |                   |                  |                            |                     | *46721D  | 225.425<br>8.8750 | 76.200<br>3.0000 | .8<br>.03                  | 4.15 kg<br>9.14 lb | 91.465<br>3.6010 | 46721D : GROOVE IN OD CENTER<br>HOLES IN OD CENTER                                    |
|                            |                   |                  |                            |                     | 46721XD  | 225.425<br>8.8750 | 76.200<br>3.0000 | .8<br>.03                  | -                  | 91.465<br>3.6010 |   |
| *NA46790                   | 165.100<br>6.5000 | 47.625<br>1.8750 | spcl.<br>spcl.             | -                   | *46720CD   | 225.425<br>8.8750 | 69.850<br>2.7500 | .8<br>.03                  | 3.49 kg<br>7.70 lb | 95.250<br>3.7500 |   |
| *NA46790-SW                | 165.100<br>6.5000 | 47.625<br>1.8750 | 3.5<br>.14                 | -                   | *46720DV   | 225.425<br>8.8750 | 69.850<br>2.7500 | .8<br>.03                  | 3.49 kg<br>7.70 lb | 95.250<br>3.7500 |   |
| *NA46790-SWV               | 165.100<br>6.5000 | 47.625<br>1.8750 | spcl.<br>spcl.             | -                   | *46720DW   | 225.425<br>8.8750 | 69.850<br>2.7500 | .8<br>.03                  | -                  | 95.250<br>3.7500 |   |
| *NA46791                   | 165.496<br>6.5156 | 47.625<br>1.8750 | spcl.<br>spcl.             | -                   | *46721D  | 225.425<br>8.8750 | 76.200<br>3.0000 | .8<br>.03                  | 4.15 kg<br>9.14 lb | 95.250<br>3.7500 |   |
|                            |                   |                  |                            |                     | 46721XD  | 225.425<br>8.8750 | 76.200<br>3.0000 | .8<br>.03                  | -                  | 95.250<br>3.7500 |   |
| *46792TD                   | 167.084<br>6.5781 | 82.550<br>3.2500 | spcl.<br>spcl.             | 8.20 kg<br>18.09 lb | 46792TD may be paired with all single cups corresponding to 46780TD and will require -.610 mm (-.0240 in) to be added to the T-width values. |                   |                  |                            |                    |                  |   |
| *46799TE                   | 173.698<br>6.8385 | 79.375<br>3.1250 | spcl.<br>spcl.             | -                   | 46799TE may be paired with all single cups corresponding to 46777T and will require 36.512 mm (1.4375 in) to be added to the T-width values. |                   |                  |                            |                    |                  |   |
|                            |                   |                  |                            |                     | 46799TE may be paired with all double cups corresponding to 46777T and will require 73.025 mm (2.8750 in) to be added to the T-width values. |                   |                  |                            |                    |                  |   |
| <b>47400 Series</b>        |                   |                  |                            |                     |  |                   |                  |                            |                    |                  |   |
| 47487                      | 69.850<br>2.7500  | 32.545<br>1.2813 | 3.5<br>.14                 | .99 kg<br>2.17 lb   | 47420  | 120.000<br>4.7244 | 26.195<br>1.0313 | 3.3<br>.13                 | .47 kg<br>1.04 lb  | 32.545<br>1.2813 | 47420D : GROOVE IN OD CENTER<br>HOLES IN OD CENTER                                    |
| 47490                      | 71.438<br>2.8125  | 32.545<br>1.2813 | 3.5<br>.14                 | .94 kg<br>2.07 lb   | 47420A   | 120.000<br>4.7244 | 26.195<br>1.0313 | .5<br>.02                  | .49 kg<br>1.07 lb  | 32.545<br>1.2813 | 47420DC : HOLES IN OD CENTER  |
|                            |                   |                  |                            |                     | *47420D  | 120.000<br>4.7244 | 58.738<br>2.3125 | .8<br>.03                  | 1.09 kg<br>2.41 lb | 71.437<br>2.8125 |   |
|                            |                   |                  |                            |                     | *47420DC   | 120.000<br>4.7244 | 58.738<br>2.3125 | .8<br>.03                  | 1.09 kg<br>2.41 lb | 71.437<br>2.8125 |   |
|                            |                   |                  |                            |                     | tJ47420X   | 120.000<br>4.7244 | 26.195<br>1.0313 | .8<br>.03                  | .47 kg<br>1.04 lb  | 32.545<br>1.2813 |   |
|                            |                   |                  |                            |                     | 47423  | 120.650<br>4.7500 | 26.195<br>1.0313 | .8<br>.03                  | .51 kg<br>1.12 lb  | 32.545<br>1.2813 |   |
| <b>47600 Series</b>        |                   |                  |                            |                     |  |                   |                  |                            |                    |                  |   |
| 47675                      | 71.438<br>2.8125  | 33.338<br>1.3125 | 3.5<br>.14                 | 1.48 kg<br>3.27 lb  | 47620  | 133.350<br>5.2500 | 26.195<br>1.0313 | 3.3<br>.13                 | .56 kg<br>1.24 lb  | 33.337<br>1.3125 | 47620-B : FLANGE ON OD FRONTFACE,<br>BEARING WIDTH IS T1<br>DIMENSION                 |
| 47678                      | 76.200<br>3.0000  | 33.338<br>1.3125 | 6.4<br>.25                 | 1.31 kg<br>2.89 lb  | 47620A   | 133.350<br>5.2500 | 26.195<br>1.0313 | .8<br>.03                  | .58 kg<br>1.28 lb  | 33.337<br>1.3125 | 47622-BW : FLANGE ON OD FRONTFACE,<br>BEARING WIDTH IS T1<br>DIMENSION                |
| 47679                      | 76.200<br>3.0000  | 33.338<br>1.3125 | 3.5<br>.14                 | 1.34 kg<br>2.95 lb  | *47620-B   | 133.350<br>5.2500 | 26.195<br>1.0313 | 3.3<br>.13                 | .72 kg<br>1.58 lb  | 12.700<br>.5000  | KEYWAY IN OD SURFACE  |
| 47679W                     | 76.200<br>3.0000  | 33.338<br>1.3125 | 3.5<br>.14                 | 1.37 kg<br>3.03 lb  | 47621  | 139.992<br>5.5115 | 29.370<br>1.1563 | 3.3<br>.13                 | .99 kg<br>2.19 lb  | 36.512<br>1.4375 | 47622W : KEYWAY IN OD SURFACE<br>THREADED OD FRONTFACE                                |
| 47680                      | 76.200<br>3.0000  | 33.338<br>1.3125 | .8<br>.03                  | 1.35 kg<br>2.98 lb  | *47622-BW  | 136.525<br>5.3750 | 51.595<br>2.0313 | 3.3<br>.13                 | 1.84 kg<br>4.05 lb | 12.304<br>.4844  | 47623A : CHAMFER ON BACKFACE OD<br>THREADED OD FRONTFACE                              |
| 47681                      | 80.962<br>3.1875  | 33.338<br>1.3125 | 3.5<br>.14                 | 1.19 kg<br>2.61 lb  | *47622W  | 136.525<br>5.3750 | 55.562<br>2.1875 | 3.3<br>.13                 | 1.81 kg<br>4.00 lb | 55.562<br>2.1875 | 47623AB : CHAMFER ON BACKFACE OD<br>CHAMFER ON FRONTFACE OD                           |
| 47685                      | 82.550<br>3.2500  | 33.338<br>1.3125 | .8<br>.03                  | 1.14 kg<br>2.52 lb  | *47623A  | 136.525<br>5.3750 | 44.450<br>1.7500 | -                          | 1.24 kg<br>2.74 lb | 44.450<br>1.7500 | FLANGE ON OD FRONTFACE,<br>BEARING WIDTH IS T1  |
| 47686                      | 82.550<br>3.2500  | 33.338<br>1.3125 | 3.5<br>.14                 | 1.13 kg<br>2.50 lb  | *47623AB   | 136.525<br>5.3750 | 38.100<br>1.5000 | -                          | 1.32 kg<br>2.91 lb | 12.319<br>.4850  | DIMENSION   |
| 47687                      | 82.550<br>3.2500  | 33.338<br>1.3125 | 6.8<br>.27                 | 1.10 kg<br>2.42 lb  |  |                   |                  |                            |                    |                  |   |
| 47688                      | 83.345<br>3.2813  | 33.338<br>1.3125 | 3.5<br>.14                 | 1.11 kg<br>2.44 lb  |  |                   |                  |                            |                    |                  |   |

47800 SERIES CONTINUED ON NEXT PAGE

①These Maximum Fillet Radii will be cleared by the Cone or Cup Radii.  
†Bore or O.D. shown are maximum dimensions. \*See Remarks Column.