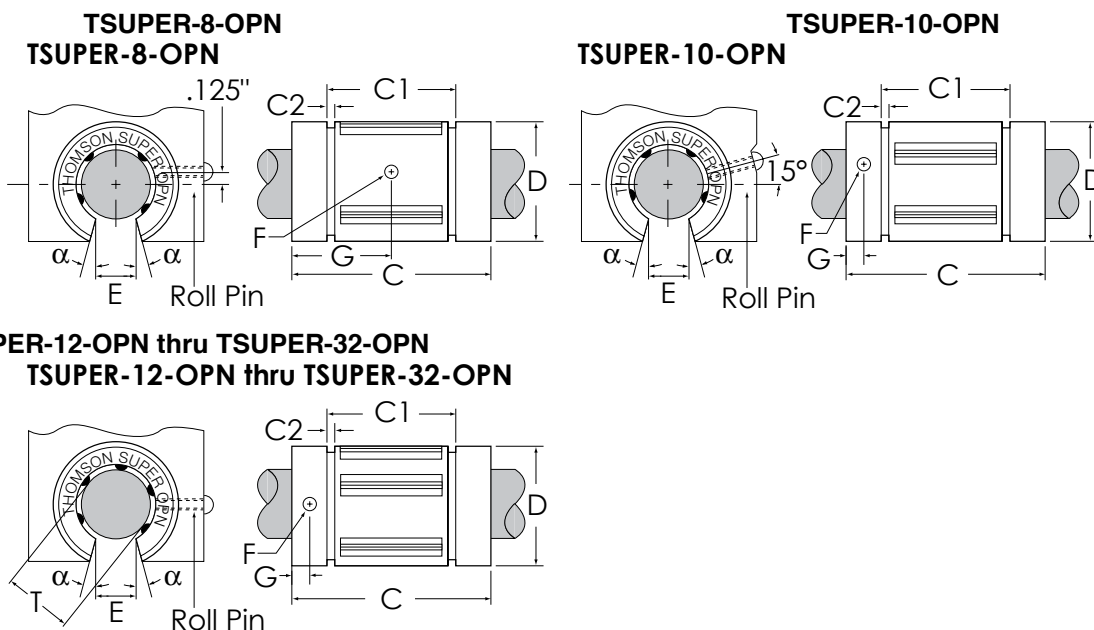


Super Ball Bushing™ Bearings

(Open Type) for Continuously-Supported Applications



Super Ball Bushing™ Bearings (Open Type)
(Dimensions in inches)

| Catalog Number | Nom. Dia. | Length C | Distance Between Retaining Rings C1 | Ret. Ring Groove min. C2 | Min. Slot Width E | Retention Hole | | Angle deg α | Number of Ball Circuits | Ball Bushing Bearing Mass lb |
|----------------|-----------|-------------|-------------------------------------|--------------------------|-------------------|----------------|--------|--------------------|-------------------------|------------------------------|
| | | | | | | Dia. F | Loc. G | | | |
| TSUPER-8-OPN | .500 | 1.250/1.230 | 1.032/1.012 | .050 | .31 | .14 | .63 | 15 | 4 | .04 |
| TSUPER-10-OPN | .625 | 1.500/1.480 | 1.105/1.095 | .056 | .37 | .11 | .13 | | | .08 |
| TSUPER-12-OPN | .750 | 1.625/1.605 | 1.270/1.250 | .056 | .43 | .14 | .13 | | 5 | .12 |
| TSUPER-16-OPN | 1.000 | 2.250/2.230 | 1.884/1.864 | .070 | .56 | .14 | .13 | | | .21 |
| TSUPER-20-OPN | 1.250 | 2.625/2.600 | 2.004/1.984 | .068 | .62 | .20 | .19 | | | .38 |
| TSUPER-24-OPN | 1.500 | 3.000/2.970 | 2.410/2.390 | .086 | .75 | .20 | .19 | | | .71 |
| TSUPER-32-OPN | 2.000 | 4.000/3.960 | 3.193/3.163 | .105 | 1.00 | .27 | .31 | 1.20 | | |

| Catalog Number | Working Bore Diameter T | Recommended Housing Bore Diameter | | Ball Bushing Bearing/LinearRace Fit Up | | Dynamic ^A Load Capacity lbf |
|----------------|-------------------------|-----------------------------------|---------------|--|--|--|
| | | Fixed D | Adjustable D | Fixed Diameter Housing* | Adjustable Diameter Housing* (Before Adjustment) | |
| TSUPER-8-OPN | .5000/.4995 | .8755/.8750 | .8760/.8750 | .0015C/.0000 | .0020C/.0000 | 230 |
| TSUPER-10-OPN | .6250/.6245 | 1.1255/1.1250 | 1.1260/1.1250 | | | 320 |
| TSUPER-12-OPN | .7500/.7495 | 1.2505/1.2500 | 1.2510/1.2500 | | | 470 |
| TSUPER-16-OPN | 1.000/.9995 | 1.5630/1.5625 | 1.5635/1.5625 | | | 780 |
| TSUPER-20-OPN | 1.2500/1.2494 | 2.0008/2.0000 | 2.0010/2.0000 | .0018C/.0001P | .0020C/.0001P | 1170 |
| TSUPER-24-OPN | 1.5000/1.4994 | 2.3760/2.3750 | 2.3760/2.3750 | .0021C/.0000 | .0021C/.0000 | 1560 |
| TSUPER-32-OPN | 2.0000/1.9992 | 3.0010/3.0000 | 3.0010/3.0000 | .0023C/.0002P | .0023C/.0002P | 2350 |

*P=Preload, C=Clearance

Continued on the next page

^A See the chart on the bottom half of the next page.

NOTE: Catalog number is for a standard item.

For other options, add: **CR** Corrosion-Resistant, **DD** Integral Seals, **NB** Nylon Balls or **DP** Dry Packed to end of catalog number.