

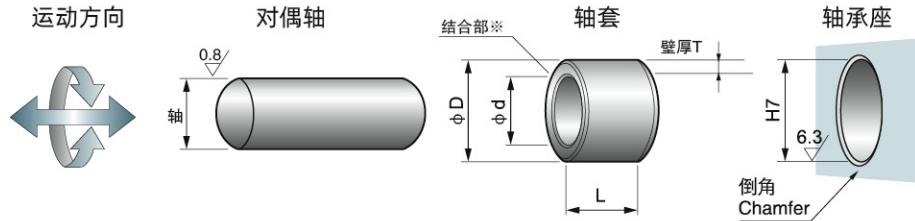
# BY-1 轴套 Cylindrical Bushes (内径 $\phi D05 \sim \phi 40$ )



请从适用的内径、外径、长度中选择零件号  
(例)内径15mm、长度10mm的情况下

## BY-1 - 1510

请指定上述零件号

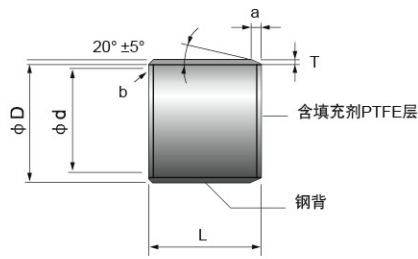


※结合部对于轴旋转没有影响，但尽量避免安装在负荷大的部位处压入。

单位Unit: mm

| 轴 shaft | 座孔housing        |    | 内径<br>$\phi d$ | 外径<br>$\phi D$ |    | 壁厚<br>T          |     | 长度 $L_{-0.40}^0$ |      |      |      |      |      |
|---------|------------------|----|----------------|----------------|----|------------------|-----|------------------|------|------|------|------|------|
|         | H7               |    |                |                |    |                  |     | 4                | 5    | 6    | 8    | 10   |      |
| 5       | -0.010<br>-0.022 | 7  | +0.015<br>0    | 5              | 7  | +0.055<br>+0.025 | 1.0 | +0.005<br>-0.020 |      | 0505 |      |      |      |
| 6       | -0.013<br>-0.028 | 8  | "              | 6              | 8  | "                | "   | "                | 0604 |      | 0606 | 0608 | 0610 |
| 7       | "                | 9  | "              | 7              | 9  | "                | "   | "                |      |      |      |      |      |
| 8       | "                | 10 | "              | 8              | 10 | "                | "   | "                |      |      | 0806 | 0808 | 0810 |
| 10      | "                | 12 | +0.018<br>0    | 10             | 12 | +0.065<br>+0.030 | "   | "                |      |      |      | 1008 | 1010 |
| 12      | -0.016<br>-0.034 | 14 | "              | 12             | 14 | "                | "   | "                |      |      |      | 1208 | 1210 |
| 13      | "                | 15 | "              | 13             | 15 | "                | "   | "                |      |      |      |      | 1310 |
| 14      | "                | 16 | "              | 14             | 16 | +0.065<br>+0.035 | "   | "                |      | 1405 |      |      | 1410 |
| 15      | "                | 17 | "              | 15             | 17 | "                | "   | "                |      |      |      |      | 1510 |
| 16      | "                | 18 | "              | 16             | 18 | "                | "   | "                |      |      |      |      | 1610 |
| 17      | "                | 19 | +0.021<br>0    | 17             | 19 | +0.075<br>+0.035 | "   | "                |      |      |      |      | 1710 |
| 18      | "                | 20 | "              | 18             | 20 | "                | "   | "                |      |      |      |      | 1810 |
| 20      | -0.020<br>-0.041 | 23 | "              | 20             | 23 | "                | 1.5 | +0.005<br>-0.025 |      |      |      |      | 2010 |
| 22      | "                | 25 | "              | 22             | 25 | "                | "   | "                |      |      |      |      | 2210 |
| 24      | "                | 27 | "              | 24             | 27 | "                | "   | "                |      |      |      |      |      |
| 25      | "                | 28 | "              | 25             | 28 | "                | "   | "                |      |      |      |      | 2510 |
| 28      | "                | 32 | +0.025<br>0    | 28             | 32 | +0.085<br>+0.045 | 2.0 | +0.005<br>-0.030 |      |      |      |      |      |
| 30      | "                | 34 | "              | 30             | 34 | "                | "   | "                |      |      |      |      |      |
| 32      | -0.025<br>-0.050 | 36 | "              | 32             | 36 | "                | "   | "                |      |      |      |      |      |
| 35      | "                | 39 | "              | 35             | 39 | "                | "   | "                |      |      |      |      |      |
| 37      | "                | 41 | "              | 37             | 41 | "                | "   | "                |      |      |      |      |      |
| 38      | "                | 42 | "              | 38             | 42 | "                | "   | "                |      |      |      |      |      |
| 40      | "                | 44 | "              | 40             | 44 | "                | "   | "                |      |      |      |      |      |

# BY-1 轴套 Cylindrical Bushes (内径I.DØ5 ~ Ø40)



a: 外径倒角 内径Ø10以上(mm)

|   |     |     |     |
|---|-----|-----|-----|
| T | 1.0 | 1.5 | 2.0 |
| a | 0.5 | 0.8 | 1.0 |

b: 内径倒角 内径Ø10以上(mm)

|   |      |      |      |
|---|------|------|------|
| T | 1.0  | 1.5  | 2.0  |
| b | C0.5 | C0.8 | C1.0 |

※内径Ø10不到的内外径倒角去除毛刺程度即可

单位Unit: mm

| 长度 L <sup>0</sup> <sub>-0.40</sub> |      |      |      |      |      |      |      | 内径  |
|------------------------------------|------|------|------|------|------|------|------|-----|
| 12                                 | 15   | 20   | 25   | 30   | 35   | 40   | 50   | Ø d |
|                                    |      |      |      |      |      |      |      | 5   |
|                                    |      |      |      |      |      |      |      | 6   |
|                                    |      |      |      |      |      |      |      | 7   |
| 0812                               | 0815 |      |      |      |      |      |      | 8   |
| 1012                               | 1015 | 1020 |      |      |      |      |      | 10  |
| 1212                               | 1215 | 1220 | 1225 |      |      |      |      | 12  |
|                                    |      | 1320 |      |      |      |      |      | 13  |
| 1412                               | 1415 | 1420 | 1425 |      |      |      |      | 14  |
| 1512                               | 1515 | 1520 | 1525 |      |      |      |      | 15  |
| 1612                               | 1615 | 1620 | 1625 |      |      |      |      | 16  |
|                                    |      | 1720 |      |      |      |      |      | 17  |
|                                    | 1815 | 1820 | 1825 |      |      |      |      | 18  |
|                                    | 2015 | 2020 | 2025 | 2030 |      |      |      | 20  |
|                                    | 2215 | 2220 | 2225 | 2230 |      |      |      | 22  |
|                                    | 2415 | 2420 | 2425 | 2430 |      |      |      | 24  |
|                                    | 2515 | 2520 | 2525 | 2530 |      |      | 2550 | 25  |
|                                    | 2815 | 2820 | 2825 | 2830 |      |      |      | 28  |
|                                    | 3015 | 3020 | 3025 | 3030 |      | 3040 | 3050 | 30  |
|                                    |      | 3220 |      | 3230 |      |      |      | 32  |
|                                    |      | 3520 |      | 3530 | 3535 | 3540 |      | 35  |
|                                    |      | 3720 |      |      |      |      |      | 37  |
|                                    |      | 3820 |      | 3830 |      | 3840 |      | 38  |
|                                    |      | 4020 |      | 4030 |      | 4040 | 4050 | 40  |

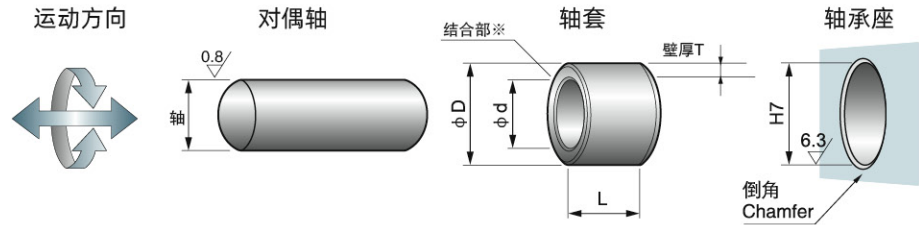
# BY-1 轴套 Cylindrical bushes (内径I.D $\phi$ 45~ $\phi$ 260)



请从适用的内径、外径、长度中选择零件号  
(例)内径60mm、长度50mm的情况下

## BY-1 - 6050

请指定上述零件号

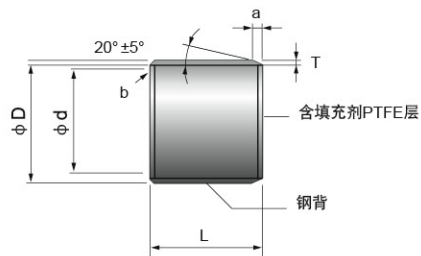


※结合部对于轴旋转没有影响，但尽量避免安装在负荷大的部位处压入。

单位Unit: mm

| 轴<br>shaft | 座孔housing        |     | 内径<br>$\phi d$ | 外径<br>$\phi D$ |     | 壁厚<br>T          |     | 长度 L $\begin{smallmatrix} 0 \\ -0.40 \end{smallmatrix}$ |      |      |      |
|------------|------------------|-----|----------------|----------------|-----|------------------|-----|---|------|------|------|
|            | H7               |     |                |                |     |                  |     | 20  | 25   | 30   |      |
| 45         | -0.025<br>-0.050 | 50  | +0.025<br>0    | 45             | 50  | +0.085<br>+0.045 | 2.5 | +0.005<br>-0.040  | 4520 | 4525 | 4530 |
| 50         | "                | 55  | +0.030<br>0    | 50             | 55  | +0.100<br>+0.055 | "   | "   | 5020 |      | 5030 |
| 55         | -0.030<br>-0.060 | 60  | "              | 55             | 60  | "                | "   | "   |      |      | 5530 |
| 60         | "                | 65  | "              | 60             | 65  | "                | "   | "   |      |      | 6030 |
| 65         | "                | 70  | "              | 65             | 70  | "                | "   | "   |      |      | 6530 |
| 70         | "                | 75  | "              | 70             | 75  | "                | "   | "   |      |      |      |
| 75         | "                | 80  | "              | 75             | 80  | "                | "   | "   |      |      | 7530 |
| 80         | 0<br>-0.030      | 85  | +0.035<br>0    | 80             | 85  | +0.120<br>+0.070 | "   | -0.010<br>-0.060  |      |      |      |
| 85         | 0<br>-0.035      | 90  | "              | 85             | 90  | "                | "   | "   |      |      |      |
| 90         | "                | 95  | "              | 90             | 95  | "                | "   | "   |      |      |      |
| 95         | "                | 100 | "              | 95             | 100 | "                | "   | "   |      |      |      |
| 100        | "                | 105 | "              | 100            | 105 | "                | "   | "   |      |      |      |
| 105        | "                | 110 | "              | 105            | 110 | "                | "   | "   |      |      |      |
| 110        | "                | 115 | "              | 110            | 115 | "                | "   | "   |      |      |      |
| 115        | "                | 120 | "              | 115            | 120 | "                | "   | "   |      |      |      |
| 120        | "                | 125 | +0.040<br>0    | 120            | 125 | +0.170<br>+0.100 | "   | -0.035<br>-0.085  |      |      |      |
| 125        | 0<br>-0.040      | 130 | "              | 125            | 130 | "                | "   | "   |      |      |      |
| 130        | "                | 135 | "              | 130            | 135 | "                | "   | "   |      |      |      |
| 135        | "                | 140 | "              | 135            | 140 | "                | "   | "   |      |      |      |
| 140        | "                | 145 | "              | 140            | 145 | "                | "   | "   |      |      |      |
| 150        | "                | 155 | "              | 150            | 155 | "                | "   | "   |      |      |      |
| 160        | "                | 165 | "              | 160            | 165 | "                | "   | "   |      |      |      |
| 180        | "                | 185 | +0.046<br>0    | 180            | 185 | +0.210<br>+0.130 | "   | "   |      |      |      |
| 190        | 0<br>-0.046      | 195 | "              | 190            | 195 | "                | "   | "   |      |      |      |
| 200        | "                | 205 | "              | 200            | 205 | "                | "   | "   |      |      |      |
| 220        | "                | 225 | "              | 220            | 225 | "                | "   | "   |      |      |      |
| 250        | "                | 255 | +0.052<br>0    | 250            | 255 | +0.260<br>+0.170 | "   | "   |      |      |      |
| 260        | "                | 265 | "              | 260            | 265 | "                | "   | "   |      |      |      |

# BY-1 轴套 Cylindrical bushes (内径I.DØ45 ~ Ø260)



a:外径倒角(mm)

|   |     |     |
|---|-----|-----|
| T | 2.0 | 2.5 |
| a | 1.0 | 1.0 |

b:内径倒角(mm)

|   |      |      |
|---|------|------|
| T | 2.0  | 2.5  |
| b | C0.5 | C0.5 |

单位Unit: mm

| 长度 L <sub>-0.40</sub> <sup>0</sup> |       |       |      |       |        |        | 内径  |
|------------------------------------|-------|-------|------|-------|--------|--------|-----|
| 40                                 | 50    | 60    | 70   | 80    | 100    | 115    | Ø d |
| 4540                               | 4550  |       |      |       |        |        | 45  |
| 5040                               | 5050  | 5060  |      |       |        |        | 50  |
| 5540                               | 5550  | 5560  |      |       |        |        | 55  |
| 6040                               | 6050  | 6060  | 6070 |       |        |        | 60  |
| 6540                               | 6550  | 6560  | 6570 |       |        |        | 65  |
| 7040                               | 7050  | 7060  | 7070 | 7080  |        |        | 70  |
| 7540                               | 7550  | 7560  | 7570 | 7580  |        |        | 75  |
| 8040                               | 8050  | 8060  | 8070 | 8080  | 80100  |        | 80  |
| 8540                               |       | 8560  |      | 8580  | 85100  |        | 85  |
| 9040                               | 9050  | 9060  |      | 9080  | 90100  |        | 90  |
|                                    | 9550  | 9560  |      | 9580  | 95100  |        | 95  |
|                                    | 10050 | 10060 |      | 10080 |        | 100115 | 100 |
|                                    |       | 10560 |      | 10580 |        | 105115 | 105 |
|                                    |       | 11060 |      | 11080 |        | 110115 | 110 |
|                                    |       | 11560 |      | 11580 |        |        | 115 |
|                                    |       | 12060 |      | 12080 | 120100 |        | 120 |
|                                    |       |       |      |       | 125100 |        | 125 |
|                                    |       | 13060 |      | 13080 | 130100 |        | 130 |
|                                    |       |       |      | 13580 | 135100 |        | 135 |
|                                    |       | 14060 |      | 14080 | 140100 |        | 140 |
|                                    |       | 15060 |      | 15080 | 150100 |        | 150 |
|                                    |       | 16060 |      | 16080 | 160100 | 160115 | 160 |
|                                    |       |       |      | 18080 | 180100 |        | 180 |
|                                    |       |       |      | 19080 | 190100 |        | 190 |
|                                    |       | 20060 |      | 20080 | 200100 |        | 200 |
|                                    |       |       |      | 22080 | 220100 |        | 220 |
|                                    |       |       |      | 25080 | 250100 |        | 250 |
|                                    |       |       |      | 26080 | 260100 |        | 260 |