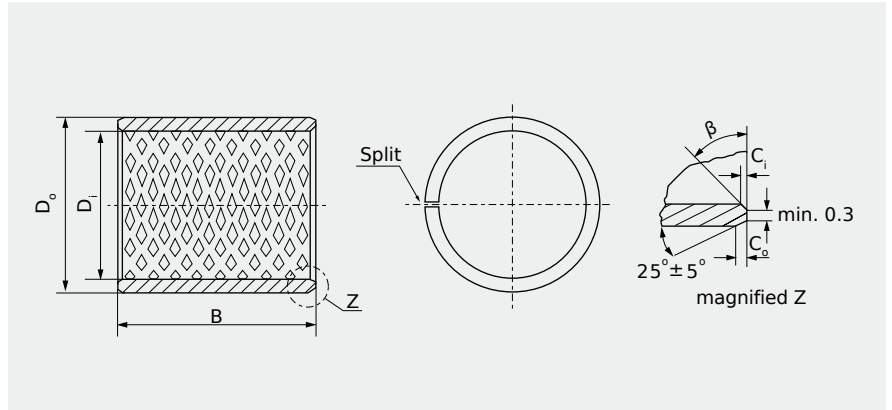


## AM-090 Metric Cylindrical Bushing



Unit:mm

| D <sub>i</sub> | D <sub>o</sub> | B <sup>0</sup> <sub>-0.40</sub> | C <sub>o</sub> | C <sub>i</sub> | β      | S <sub>3</sub> |
|----------------|----------------|---------------------------------|----------------|----------------|--------|----------------|
| 10             | 12             | 10                              | 0.6±0.3        | 0.30±0.2       | 35°±5° | 1.00           |
| 12             | 14             | 10                              | 0.6±0.3        | 0.30±0.2       | 35°±5° | 1.00           |
| 14             | 16             | 10                              | 0.6±0.3        | 0.30±0.2       | 35°±5° | 1.00           |
| 15             | 17             | 10                              | 0.6±0.3        | 0.30±0.2       | 35°±5° | 1.00           |
| 16             | 18             | 10                              | 0.6±0.3        | 0.30±0.2       | 35°±5° | 1.00           |
| 18             | 20             | 10                              | 0.6±0.3        | 0.30±0.2       | 35°±5° | 1.00           |
| 18             | 20             | 15                              | 0.6±0.3        | 0.30±0.2       | 35°±5° | 1.00           |
| 20             | 23             | 10                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 20             | 23             | 15                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 22             | 25             | 10                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 22             | 25             | 15                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 24             | 27             | 15                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 24             | 27             | 20                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 25             | 28             | 15                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 25             | 28             | 20                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 28             | 31             | 15                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 28             | 31             | 20                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 28             | 31             | 25                              | 0.7±0.3        | 0.50±0.3       | 35°±5° | 1.50           |
| 30             | 34             | 15                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 30             | 34             | 20                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 32             | 36             | 15                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 32             | 36             | 20                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 35             | 39             | 15                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 35             | 39             | 20                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 35             | 39             | 25                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 40             | 44             | 20                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 40             | 44             | 25                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 40             | 44             | 30                              | 1.2±0.4        | 0.50±0.3       | 30°±5° | 2.00           |
| 45             | 50             | 20                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 45             | 50             | 25                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 45             | 50             | 30                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |

| D <sub>i</sub> | D <sub>o</sub> | B <sup>0</sup> <sub>-0.40</sub> | C <sub>o</sub> | C <sub>i</sub> | β      | S <sub>3</sub> |
|----------------|----------------|---------------------------------|----------------|----------------|--------|----------------|
| 50             | 55             | 20                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 50             | 55             | 25                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 50             | 55             | 35                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 55             | 60             | 20                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 55             | 60             | 25                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 55             | 60             | 35                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 60             | 65             | 25                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 60             | 65             | 30                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 60             | 65             | 35                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 65             | 70             | 30                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 65             | 70             | 35                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 70             | 75             | 30                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 70             | 75             | 35                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 70             | 75             | 40                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 75             | 80             | 30                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 75             | 80             | 35                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 75             | 80             | 40                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 80             | 85             | 30                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 80             | 85             | 35                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 80             | 85             | 40                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 85             | 90             | 30                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 85             | 90             | 35                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 85             | 90             | 40                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 90             | 95             | 30                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 90             | 95             | 35                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 90             | 95             | 40                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 90             | 95             | 50                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 95             | 100            | 40                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 95             | 100            | 50                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 95             | 100            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 95             | 100            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |

## AM-090 Metric Cylindrical Bushing

Unit:mm

| D <sub>i</sub> | D <sub>o</sub> | B <sup>0</sup> <sub>-0.40</sub> | C <sub>o</sub> | C <sub>i</sub> | β      | S <sub>3</sub> |
|----------------|----------------|---------------------------------|----------------|----------------|--------|----------------|
| 100            | 105            | 50                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 100            | 105            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 100            | 105            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 105            | 110            | 50                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 105            | 110            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 105            | 110            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 115            | 120            | 50                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 115            | 120            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 115            | 120            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 120            | 125            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 120            | 125            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 120            | 125            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 125            | 130            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 125            | 130            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 125            | 130            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 130            | 135            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 130            | 135            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 130            | 135            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 135            | 140            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 135            | 140            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 135            | 140            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 140            | 145            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 140            | 145            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 140            | 145            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 145            | 150            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 145            | 150            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 145            | 150            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 150            | 155            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 150            | 155            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 150            | 155            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 155            | 160            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 155            | 160            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 155            | 160            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 160            | 165            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 160            | 165            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 160            | 165            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 165            | 170            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 165            | 170            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 165            | 170            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 170            | 175            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 170            | 175            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 170            | 175            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 175            | 180            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 175            | 180            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |

| D <sub>i</sub> | D <sub>o</sub> | B <sup>0</sup> <sub>-0.40</sub> | C <sub>o</sub> | C <sub>i</sub> | β      | S <sub>3</sub> |
|----------------|----------------|---------------------------------|----------------|----------------|--------|----------------|
| 175            | 180            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 180            | 185            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 180            | 185            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 180            | 185            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 185            | 190            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 185            | 190            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 185            | 190            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 190            | 195            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 190            | 195            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 190            | 195            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 195            | 200            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 195            | 200            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 195            | 200            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 200            | 205            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 200            | 205            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 200            | 205            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 205            | 210            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 205            | 210            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 205            | 210            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 210            | 215            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 210            | 215            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 210            | 215            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 215            | 220            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 215            | 220            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 215            | 220            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 220            | 225            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 220            | 225            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 220            | 225            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 225            | 230            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 225            | 230            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 225            | 230            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 230            | 235            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 230            | 235            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 230            | 235            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 235            | 240            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 235            | 240            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 235            | 240            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 240            | 245            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 240            | 245            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 240            | 245            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 245            | 250            | 60                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 245            | 250            | 70                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 245            | 250            | 80                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |
| 245            | 250            | 90                              | 1.8±0.6        | 0.60±0.3       | 45°±5° | 2.50           |