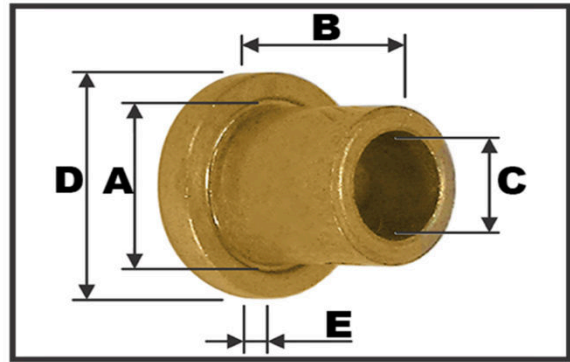




UNIFAP INDÚSTRIA E COMÉRCIO DE AUTO PEÇAS LTDA
 Rua João Barbieri, 605 - 89113-334
 Bairro Barracão - Gaspar/SC
 Fone: 55 (47) 3332-8383 / 3332-8179
 ☎ Tech. Sup. +55 47 9 9927-9606



Bushing Dimensions guide

| A | B | C | D | E | |
|------------|-------------|------------|----------------|---------------------|-------------|
| Ø Ext (mm) | Height (mm) | Ø Int (mm) | Ø Housing (mm) | Housing Height (mm) | Code |
| 7,020 | 7,000 | 4,025 | | | BC1-0163-00 |
| 8,020 | 7,500 | 5,060 | | | BC1-0129-00 |
| 8,800 | 11,500 | 6,025 | 10,700 | 2,900 | BC1-0116-00 |
| 9,000 | 10,400 | 5,060 | | | BC1-0082-00 |
| 9,010 | 6,400 | 6,310 | | | BC1-0098-00 |
| 9,015 | 6,900 | 6,020 | | | BC1-0103-00 |
| 9,020 | 10,150 | 6,050 | | | BC1-0076-00 |
| 10,000 | 9,900 | 6,025 | 13,600 | 1,900 | BC1-0104-00 |
| 10,010 | 8,150 | 6,130 | | | BC1-0169-00 |
| 10,015 | 8,000 | 7,040 | | | BC1-0125-00 |
| 10,015 | 8,300 | 6,020 | | | BC1-0075-00 |
| 10,015 | 8,500 | 5,015 | | | BC1-0073-00 |
| 10,015 | 10,000 | 6,020 | | | BC1-0080-00 |
| 10,150 | 8,000 | 6,105 | | | BC1-0114-00 |
| 10,990 | 10,800 | 7,880 | | | BC1-0055-02 |
| 10,990 | 10,800 | 8,000 | | | BC1-0055-00 |
| 11,000 | 11,000 | 5,498 | | | BC1-0044-00 |
| 11,000 | 11,000 | 8,338 | | | BC1-0086-02 |
| 11,000 | 11,000 | 8,465 | | | BC1-0086-00 |
| 11,060 | 8,000 | 7,970 | | | BC1-0039-02 |
| 11,060 | 8,000 | 8,100 | | | BC1-0039-00 |
| 11,060 | 9,900 | 8,020 | | | BC1-0071-00 |
| 11,060 | 10,300 | 8,100 | | | BC1-0093-00 |
| 11,100 | 10,900 | 9,025 | | | BC1-0119-00 |
| 11,480 | 10,200 | 10,060 | | | BC1-0090-00 |
| 11,600 | 15,900 | 8,700 | | | BC1-0099-00 |
| 11,800 | 7,900 | 8,020 | | | BC1-0105-00 |
| 11,970 | 10,400 | 8,100 | | | BC1-0096-00 |
| 12,020 | 7,000 | 7,040 | | | BC1-0072-00 |
| 12,020 | 7,500 | 8,020 | | | BC1-0126-00 |
| 12,020 | 9,900 | 6,905 | | | BC1-0102-02 |
| 12,020 | 9,900 | 7,040 | | | BC1-0102-00 |
| 12,020 | 12,600 | 7,040 | | | BC1-0070-00 |
| 12,500 | 7,900 | 8,000 | | | BC1-0166-00 |
| 12,500 | 9,900 | 8,000 | | | BC1-0162-00 |

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|--------|--------|--------|--------|-------|-------------|
| 13,040 | 9,000 | 10,015 | | | BC1-0121-00 |
| 13,040 | 10,000 | 9,040 | | | BC1-0127-00 |
| 13,040 | 13,800 | 9,930 | | | BC1-0056-02 |
| 13,040 | 13,800 | 10,050 | | | BC1-0056-00 |
| 13,040 | 14,700 | 8,020 | | | BC1-0122-00 |
| 13,100 | 11,900 | 10,015 | 16,600 | 1,900 | BC1-0118-00 |
| 13,213 | 12,800 | 11,709 | | | BC1-0031-03 |
| 13,213 | 12,800 | 11,836 | | | BC1-0031-02 |
| 13,213 | 12,800 | 11,963 | | | BC1-0031-00 |
| 13,213 | 18,000 | 11,709 | | | BC1-0008-03 |
| 13,213 | 18,000 | 11,836 | | | BC1-0008-02 |
| 13,213 | 18,000 | 11,963 | | | BC1-0008-00 |
| 13,515 | 11,400 | 11,765 | | | BC1-0089-03 |
| 13,515 | 11,400 | 11,885 | | | BC1-0089-02 |
| 13,515 | 11,400 | 12,015 | | | BC1-0089-00 |
| 13,530 | 26,900 | 11,540 | | | BC1-0007-02 |
| 13,530 | 26,900 | 11,653 | | | BC1-0007-00 |
| 13,585 | 13,900 | 10,794 | | | BC1-0018-03 |
| 13,585 | 13,900 | 10,921 | | | BC1-0018-02 |
| 13,585 | 13,900 | 11,048 | | | BC1-0018-00 |
| 13,607 | 11,500 | 12,090 | | | BC1-0050-00 |
| 13,670 | 13,900 | 11,040 | | | BC1-0151-00 |
| 14,014 | 10,000 | 9,933 | | | BC1-0051-02 |
| 14,014 | 10,000 | 10,015 | | | BC1-0094-00 |
| 14,014 | 10,000 | 10,060 | | | BC1-0051-00 |
| 14,014 | 12,500 | 10,044 | | | BC1-0079-00 |
| 14,014 | 14,000 | 9,806 | | | BC1-0052-03 |
| 14,014 | 14,000 | 9,933 | | | BC1-0052-02 |
| 14,014 | 14,000 | 10,060 | | | BC1-0052-00 |
| 14,055 | 10,000 | 9,943 | | | BC1-0037-02 |
| 14,055 | 10,000 | 10,048 | | | BC1-0037-00 |
| 14,100 | 12,900 | 10,000 | | | BC1-0135-00 |
| 14,107 | 13,900 | 11,898 | | | BC1-0028-03 |
| 14,107 | 13,900 | 11,963 | | | BC1-0028-02 |
| 14,107 | 13,900 | 12,088 | | | BC1-0028-00 |
| 14,200 | 9,900 | 12,075 | | | BC1-0100-00 |
| 14,213 | 14,300 | 11,813 | | | BC1-0020-03 |
| 14,213 | 14,300 | 11,938 | | | BC1-0020-02 |
| 14,213 | 14,300 | 12,063 | | | BC1-0020-00 |
| 14,295 | 17,000 | 11,026 | | | BC1-0042-02 |
| 14,295 | 17,000 | 11,153 | | | BC1-0042-00 |
| 14,315 | 16,600 | 11,138 | 23,685 | 3,00 | BC1-0041-00 |
| 14,325 | 13,500 | 10,961 | | | BC1-0053-03 |
| 14,325 | 13,500 | 11,088 | | | BC1-0053-02 |
| 14,325 | 13,500 | 11,215 | | | BC1-0053-00 |
| 14,715 | 12,900 | 10,015 | | | BC1-0111-00 |
| 14,988 | 11,200 | 11,798 | | | BC1-0029-03 |
| 14,988 | 11,200 | 11,873 | | | BC1-0029-02 |
| 14,988 | 11,200 | 11,998 | | | BC1-0029-00 |
| 14,988 | 15,000 | 11,871 | | | BC1-0035-02 |

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|--------|--------|--------|--------|-------|-------------|
| 14,988 | 15,000 | 11,998 | | | BC1-0035-00 |
| 14,988 | 18,500 | 11,748 | | | BC1-0021-03 |
| 14,988 | 18,500 | 11,873 | | | BC1-0021-02 |
| 14,988 | 18,500 | 11,998 | | | BC1-0021-00 |
| 15,000 | 10,200 | 10,000 | | | BC1-0148-00 |
| 15,015 | 15,500 | 11,765 | | | BC1-0083-03 |
| 15,015 | 15,500 | 11,895 | | | BC1-0083-02 |
| 15,015 | 15,500 | 12,015 | | | BC1-0083-00 |
| 15,095 | 12,100 | 11,970 | | | BC1-0040-02 |
| 15,095 | 12,100 | 12,048 | | | BC1-0040-00 |
| 15,095 | 12,900 | 10,015 | | | BC1-0108-00 |
| 15,095 | 17,000 | 11,765 | | | BC1-0049-03 |
| 15,095 | 17,000 | 11,890 | | | BC1-0049-02 |
| 15,095 | 17,000 | 12,088 | | | BC1-0049-00 |
| 15,100 | 14,900 | 12,070 | 19,900 | 1,400 | BC1-0061-00 |
| 15,125 | 12,000 | 11,955 | | | BC1-0054-02 |
| 15,125 | 12,000 | 12,080 | | | BC1-0054-00 |
| 15,300 | 12,000 | 12,000 | | | BC1-0156-00 |
| 15,595 | 5,400 | 11,970 | | | BC1-0038-02 |
| 15,595 | 5,400 | 12,095 | | | BC1-0038-00 |
| 15,945 | 19,000 | 14,052 | | | BC1-0006-03 |
| 15,945 | 19,000 | 14,175 | | | BC1-0006-02 |
| 15,945 | 19,000 | 14,303 | | | BC1-0006-00 |
| 15,964 | 18,700 | 12,513 | | | BC1-0001-03 |
| 15,964 | 18,700 | 12,635 | | | BC1-0001-02 |
| 15,964 | 18,700 | 12,764 | | | BC1-0001-00 |
| 16,000 | 18,900 | 12,600 | | | BC1-0161-00 |
| 16,010 | 6,000 | 12,050 | | | BC1-0146-00 |
| 16,010 | 9,400 | 12,040 | | | BC1-0088-00 |
| 16,010 | 9,500 | 12,010 | | | BC1-0097-00 |
| 16,010 | 9,900 | 10,015 | | | BC1-0107-00 |
| 16,010 | 12,000 | 12,050 | | | BC1-0191-00 |
| 16,010 | 16,500 | 11,756 | | | BC1-0048-03 |
| 16,010 | 16,500 | 11,883 | | | BC1-0048-02 |
| 16,010 | 16,500 | 12,010 | | | BC1-0048-00 |
| 16,035 | 9,900 | 11,805 | | | BC1-0101-02 |
| 16,035 | 9,900 | 11,930 | | | BC1-0101-00 |
| 16,040 | 10,000 | 12,010 | | | BC1-0133-00 |
| 16,133 | 14,100 | 11,809 | | | BC1-0019-03 |
| 16,133 | 14,100 | 11,936 | | | BC1-0019-02 |
| 16,133 | 14,100 | 12,063 | | | BC1-0019-00 |
| 16,510 | 19,150 | 12,820 | | | BC1-0109-00 |
| 16,536 | 14,000 | 12,268 | | | BC1-0010-03 |
| 16,536 | 14,000 | 12,395 | | | BC1-0010-02 |
| 16,536 | 14,000 | 12,522 | | | BC1-0010-00 |
| 16,536 | 18,000 | 12,268 | | | BC1-0016-03 |
| 16,536 | 18,000 | 12,395 | | | BC1-0016-02 |
| 16,536 | 18,000 | 12,522 | | | BC1-0016-00 |
| 16,550 | 14,800 | 9,810 | 18,700 | 1,500 | BC1-0062-03 |
| 16,550 | 14,800 | 9,930 | 18,700 | 1,500 | BC1-0062-02 |

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|--------|--------|--------|--------|-------|-------------|
| 16,550 | 14,800 | 10,050 | 18,700 | 1,500 | BC1-0062-00 |
| 16,555 | 10,000 | 12,299 | | | BC1-0002-03 |
| 16,555 | 10,000 | 12,426 | | | BC1-0002-02 |
| 16,555 | 10,000 | 12,548 | | | BC1-0002-00 |
| 16,555 | 11,400 | 12,299 | | | BC1-0009-03 |
| 16,555 | 11,400 | 12,426 | | | BC1-0009-02 |
| 16,555 | 11,400 | 12,548 | | | BC1-0009-00 |
| 16,930 | 14,900 | 12,020 | | | BC1-0154-00 |
| 17,031 | 15,900 | 13,945 | | | BC1-0032-02 |
| 17,031 | 15,900 | 14,059 | | | BC1-0032-00 |
| 17,615 | 18,300 | 14,037 | | | BC1-0004-03 |
| 17,615 | 18,300 | 14,160 | | | BC1-0004-02 |
| 17,615 | 18,300 | 14,288 | | | BC1-0004-00 |
| 17,980 | 19,000 | 14,070 | | | BC1-0131-00 |
| 17,988 | 19,000 | 14,025 | | | BC1-0023-03 |
| 17,988 | 19,000 | 14,160 | | | BC1-0023-02 |
| 17,988 | 19,000 | 14,325 | | | BC1-0023-00 |
| 18,000 | 5,500 | 14,000 | | | BC1-0197-00 |
| 18,010 | 13,900 | 14,005 | | | BC1-0110-00 |
| 18,010 | 16,000 | 12,040 | | | BC1-0132-00 |
| 18,100 | 12,500 | 13,973 | | | BC1-0059-02 |
| 18,100 | 12,500 | 14,100 | | | BC1-0059-00 |
| 18,125 | 19,000 | 14,040 | | | BC1-0144-00 |
| 18,135 | 13,300 | 14,925 | | | BC1-0058-02 |
| 18,135 | 13,300 | 15,063 | | | BC1-0058-00 |
| 18,135 | 17,500 | 14,940 | | | BC1-0047-02 |
| 18,135 | 17,500 | 15,063 | | | BC1-0047-00 |
| 18,135 | 18,900 | 14,785 | | | BC1-0046-03 |
| 18,135 | 18,900 | 14,940 | | | BC1-0046-02 |
| 18,135 | 18,900 | 15,063 | | | BC1-0046-00 |
| 18,710 | 18,900 | 12,500 | | | BC1-0140-00 |
| 18,909 | 17,000 | 14,621 | | | BC1-0034-03 |
| 18,909 | 17,000 | 14,748 | | | BC1-0034-02 |
| 18,909 | 17,000 | 14,875 | | | BC1-0034-00 |
| 19,100 | 24,500 | 16,000 | | | BC1-0134-00 |
| 19,120 | 22,800 | 14,310 | | | BC1-0160-00 |
| 19,135 | 24,600 | 15,953 | | | BC1-0136-00 |
| 19,139 | 14,300 | 15,702 | | | BC1-0005-03 |
| 19,139 | 14,300 | 15,824 | | | BC1-0005-02 |
| 19,139 | 14,300 | 15,952 | | | BC1-0005-00 |
| 19,165 | 19,100 | 14,200 | | | BC1-0011-03 |
| 19,165 | 19,100 | 14,301 | | | BC1-0011-02 |
| 19,165 | 19,100 | 14,428 | | | BC1-0011-00 |
| 19,165 | 19,100 | 15,770 | | | BC1-0012-03 |
| 19,165 | 19,100 | 15,820 | | | BC1-0012-02 |
| 19,165 | 19,100 | 16,002 | | | BC1-0012-00 |
| 19,544 | 9,900 | 15,494 | | | BC1-0024-03 |
| 19,544 | 9,900 | 15,621 | | | BC1-0024-02 |
| 19,544 | 9,900 | 15,748 | | | BC1-0024-00 |
| 20,000 | 12,000 | 14,600 | | | BC1-0165-00 |

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|--------|--------|--------|--|--|-------------|
| 20,020 | 11,400 | 14,000 | | | BC1-0060-00 |
| 20,020 | 11,900 | 12,700 | | | BC1-0141-00 |
| 20,160 | 10,900 | 14,050 | | | BC1-0192-00 |
| 20,670 | 18,900 | 15,650 | | | BC1-0092-03 |
| 20,670 | 18,900 | 15,770 | | | BC1-0092-02 |
| 20,670 | 18,900 | 15,900 | | | BC1-0092-00 |
| 20,800 | 7,300 | 17,500 | | | BC1-0167-00 |
| 21,000 | 6,000 | 17,550 | | | BC1-0158-00 |
| 21,190 | 14,300 | 17,654 | | | BC1-0030-03 |
| 21,190 | 14,300 | 17,781 | | | BC1-0030-02 |
| 21,190 | 14,300 | 17,903 | | | BC1-0030-00 |
| 21,300 | 9,400 | 19,115 | | | BC1-0117-00 |
| 21,500 | 5,900 | 19,000 | | | BC1-0155-00 |
| 22,040 | 5,600 | 18,000 | | | BC1-0153-00 |
| 22,115 | 5,700 | 18,015 | | | BC1-0074-00 |
| 22,115 | 6,500 | 17,765 | | | BC1-0045-03 |
| 22,115 | 6,500 | 17,885 | | | BC1-0045-02 |
| 22,115 | 6,500 | 18,015 | | | BC1-0045-00 |
| 22,115 | 7,400 | 18,015 | | | BC1-0081-00 |
| 22,115 | 8,000 | 17,880 | | | BC1-0063-02 |
| 22,115 | 8,000 | 18,015 | | | BC1-0063-00 |
| 22,115 | 9,000 | 18,015 | | | BC1-0066-00 |
| 22,270 | 14,300 | 18,968 | | | BC1-0036-00 |
| 22,300 | 6,000 | 19,030 | | | BC1-0068-00 |
| 22,415 | 8,900 | 17,815 | | | BC1-0120-00 |
| 22,420 | 30,000 | 17,330 | | | BC1-0137-00 |
| 22,788 | 19,000 | 18,563 | | | BC1-0022-03 |
| 22,788 | 19,000 | 18,690 | | | BC1-0022-02 |
| 22,788 | 19,000 | 18,830 | | | BC1-0022-00 |
| 22,800 | 9,900 | 17,500 | | | BC1-0147-00 |
| 23,000 | 6,000 | 19,000 | | | BC1-0194-00 |
| 23,000 | 8,900 | 17,500 | | | BC1-0171-00 |
| 23,020 | 17,000 | 19,040 | | | BC1-0130-00 |
| 23,025 | 12,900 | 19,013 | | | BC1-0043-00 |
| 23,070 | 9,900 | 18,827 | | | BC1-0025-03 |
| 23,070 | 9,900 | 18,954 | | | BC1-0025-02 |
| 23,070 | 9,900 | 19,081 | | | BC1-0025-00 |
| 24,000 | 9,000 | 19,100 | | | BC1-0064-00 |
| 24,000 | 18,800 | 15,900 | | | BC1-0149-00 |
| 24,010 | 12,900 | 20,000 | | | BC1-0139-00 |
| 24,050 | 5,000 | 20,010 | | | BC1-0124-00 |
| 24,400 | 32,700 | 21,100 | | | BC1-0138-00 |
| 24,445 | 22,400 | 21,198 | | | BC1-0013-02 |
| 24,445 | 22,400 | 21,325 | | | BC1-0013-00 |
| 25,000 | 5,900 | 19,500 | | | BC1-0145-00 |
| 25,025 | 11,800 | 21,045 | | | BC1-0095-00 |
| 25,125 | 12,900 | 18,834 | | | BC1-0017-03 |
| 25,125 | 12,900 | 18,911 | | | BC1-0017-02 |
| 25,125 | 12,900 | 19,113 | | | BC1-0017-00 |
| 25,735 | 25,000 | 22,361 | | | BC1-0033-03 |

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|--------|--------|--------|--|--|-------------|
| 25,735 | 25,000 | 22,488 | | | BC1-0033-02 |
| 25,735 | 25,000 | 22,615 | | | BC1-0033-00 |
| 25,890 | 11,900 | 21,720 | | | BC1-0057-02 |
| 25,890 | 11,900 | 21,840 | | | BC1-0057-00 |
| 26,111 | 27,800 | 22,187 | | | BC1-0015-00 |
| 26,910 | 5,400 | 22,260 | | | BC1-0115-00 |
| 27,040 | 9,000 | 22,020 | | | BC1-0152-00 |
| 27,064 | 11,100 | 15,913 | | | BC1-0112-00 |
| 27,115 | 10,400 | 21,860 | | | BC1-0157-00 |
| 27,798 | 19,200 | 15,035 | | | BC1-0014-00 |
| 27,815 | 9,900 | 22,005 | | | BC1-0168-00 |
| 28,050 | 15,900 | 21,790 | | | BC1-0091-02 |
| 28,050 | 15,900 | 21,920 | | | BC1-0091-00 |
| 28,075 | 8,900 | 22,115 | | | BC1-0087-00 |
| 28,088 | 11,200 | 21,874 | | | BC1-0026-03 |
| 28,088 | 11,200 | 22,001 | | | BC1-0026-02 |
| 28,088 | 11,200 | 22,128 | | | BC1-0026-00 |
| 29,600 | 16,800 | 25,170 | | | BC1-0143-00 |
| 29,630 | 16,700 | 25,880 | | | BC1-0084-03 |
| 29,630 | 16,700 | 26,020 | | | BC1-0084-02 |
| 29,630 | 16,700 | 26,130 | | | BC1-0084-00 |
| 31,000 | 9,900 | 26,000 | | | BC1-0159-00 |
| 32,000 | 12,900 | 25,000 | | | BC1-0142-00 |
| 32,260 | 11,000 | 28,155 | | | BC1-0003-03 |
| 32,260 | 11,000 | 28,285 | | | BC1-0003-02 |
| 32,260 | 11,000 | 28,385 | | | BC1-0003-00 |
| 33,020 | 13,700 | 26,020 | | | BC1-0106-00 |
| 35,000 | 15,900 | 28,000 | | | BC1-0150-00 |
| 35,300 | 9,900 | 34,000 | | | BC1-0164-00 |
| 40,018 | 12,700 | 17,069 | | | BC1-0113-00 |
| 48,056 | 10,400 | 39,839 | | | BC1-0027-03 |
| 48,056 | 10,400 | 39,966 | | | BC1-0027-02 |
| 48,056 | 10,400 | 40,093 | | | BC1-0027-00 |