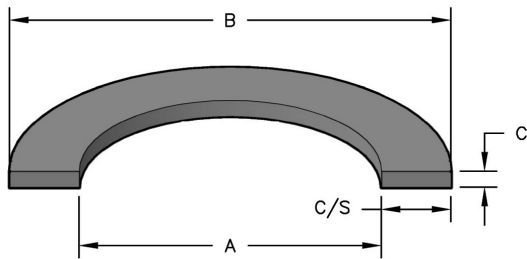


STYLE MBT BACK-UP RINGS

Commonly used with metric o-rings, these back-up rings are made of virgin PTFE unless suffix specifies otherwise.



HERCULES PART NUMBERS

MBT - 3 X 1.5 X 1.25
 Type of Seal Inside Diameter Cross Section Width

SEAL INFORMATION

| | |
|-------------------|------------------|
| MATERIAL | PTFE |
| TEMPERATURE RANGE | -100° TO +500° F |

STANDARD IS VIRGIN PTFE.

G= GLASS FILLED PTFE

B= BRONZE FILLED PTFE

CG= CARBON GRAPHITE FILLED PTFE

S= SPLIT RING

BACK-UP RINGS

| Part Number | A Nom. ID | B Nom. OD | C Nom. Ht | List Price |
|---------------------|--------------|--------------|--------------|------------|
| 1mm C/S | | | | |
| MBT-20X1X.85GM | 20 | 22 | .85 | \$15.97 |
| 1.3mm C/S | | | | |
| MBT-55X3X1.3S | 55 | 61 | 3 | \$4.30 |
| 1.35mm C/S | | | | |
| MBT-10X1.35X1.25S | 10 | 12.7 | 1.25 | \$7.20 |
| 1.5mm C/S | | | | |
| MBT-3X1.5X1.25 | 3 | 6 | 1.25 | \$2.72 |
| MBT-4X1.5X1.25 | 4 | 7 | 1.25 | 1.31 |
| MBT-5X1.5X1.25 | 5 | 8 | 1.25 | 2.72 |
| MBT-6X1.5X1.25 | 6 | 9 | 1.25 | 2.72 |
| MBT-7X1.5X1.25 | 7 | 10 | 1.25 | 2.72 |
| MBT-8X1.5X1.25 | 8 | 11 | 1.25 | 2.72 |
| MBT-9X1.5X1.25 | 9 | 12 | 1.25 | 2.72 |
| MBT-10X1.5X1.25 | 10 | 13 | 1.25 | 2.72 |
| MBT-13X1.5X1 | 13 | 16 | 1 | 8.66 |
| 2mm C/S | | | | |
| MBT-10X2X1.25 | 10 | 14 | 1.25 | \$2.72 |
| MBT-11X2X1.25 | 11 | 15 | 1.25 | 2.72 |
| MBT-12X2X1.25 | 12 | 16 | 1.25 | 2.72 |
| MBT-12.5X2X1.25 | 12.5 | 16.5 | 1.25 | 2.72 |
| MBT-13X2X1.2 | 13 | 17 | 1.2 | 21.45 |
| MBT-14X2X1.25 | 14 | 18 | 1.25 | 2.72 |
| MBT-15X2X1.25 | 15 | 19 | 1.25 | 2.72 |
| MBT-16X2X1.25 | 16 | 20 | 1.25 | 2.72 |
| MBT-18X2X1.25 | 18 | 22 | 1.25 | 2.72 |
| MBT-20X2X1.25 | 20 | 24 | 1.25 | 2.72 |
| MBT-21X2X1.25 | 21 | 25 | 1.25 | 2.72 |
| MBT-22X2X1.25 | 22 | 26 | 1.25 | 2.72 |
| MBT-26X2X2.5SG | 26 | 30 | 2.5 | 22.93 |
| MBT-28X2X1.5S | 28 | 32 | 1.5 | 11.24 |
| MBT-47X2X1.25 | 47 | 51 | 1.25 | 9.62 |
| MBT-53X2X1.25 | 53 | 57 | 1.25 | 11.01 |
| 2.1mm C/S | | | | |
| MBT-11.8X2.1X1 | 11.8 | 16 | 1 | \$8.66 |
| 2.4mm C/S | | | | |
| MBT-127.7X2.4X1.25G | 127.7 | 132.5 | 1.25 | \$21.82 |
| 2.5mm C/S | | | | |

| Part Number | A Nom. ID | B Nom. OD | C Nom. Ht | List Price |
|-------------------|--------------|--------------|--------------|------------|
| MBT-20X2.5X1.25 | 20 | 25 | 1.25 | \$11.26 |
| MBT-25X2.5X1.25 | 25 | 30 | 1.25 | 1.89 |
| MBT-30X2.5X1.25 | 30 | 35 | 1.25 | 2.84 |
| MBT-32X2.5X1.5 | 32 | 37 | 1.5 | 30.80 |
| MBT-35X2.5X1.25 | 35 | 40 | 1.25 | 2.84 |
| MBT-40X2.5X1.25 | 40 | 45 | 1.25 | 3.11 |
| MBT-45X2.5X1.25 | 45 | 50 | 1.25 | 3.11 |
| MBT-46X2.5X1.25 | 46 | 51 | 1.25 | 10.20 |
| MBT-50X2.5X1.25 | 50 | 55 | 1.25 | 4.07 |
| MBT-50X2.5X1.25ST | 50 | 55 | 1.25 | 28.51 |
| MBT-55X2.5X1.25 | 55 | 60 | 1.25 | 5.56 |
| MBT-56X2.5X1.25 | 56 | 61 | 1.25 | 8.26 |
| MBT-57X2.5X1.5 | 57 | 62 | 1.5 | 12.88 |
| MBT-60X2.5X1.25 | 60 | 65 | 1.25 | 5.91 |
| MBT-62X2.5X1.25 | 62 | 67 | 1.25 | 12.93 |
| MBT-65X2.5X1.25 | 65 | 70 | 1.25 | 6.72 |
| MBT-70X2.5X1.25 | 70 | 75 | 1.25 | 9.08 |
| MBT-75X2.5X1.25 | 75 | 80 | 1.25 | 9.29 |
| MBT-77X2.5X1.25 | 77 | 82 | 1.25 | 14.00 |
| MBT-80X2.5X1.25 | 80 | 85 | 1.25 | 12.38 |
| MBT-81X2.5X1.5 | 81 | 86 | 1.5 | 14.44 |
| MBT-85X2.5X1.25 | 85 | 90 | 1.25 | 12.56 |
| MBT-88X2.5X1.3 | 88 | 93 | 1.3 | 21.34 |
| MBT-90X2.5X1.25 | 90 | 95 | 1.25 | 12.56 |
| MBT-90X2.5X1.5 | 90 | 95 | 1.5 | 20.84 |
| MBT-95X2.5X1.25 | 95 | 100 | 1.25 | 12.56 |
| MBT-99.8X2.5X1.5 | 99.8 | 104.8 | 1.5 | 17.46 |
| MBT-100X2.5X1.25 | 100 | 105 | 1.25 | 12.83 |
| MBT-105X2.5X1.25 | 105 | 110 | 1.25 | 13.12 |
| MBT-109.7X2.5X1.5 | 109.7 | 114.7 | 1.5 | 17.46 |
| MBT-110X2.5X1.25 | 110 | 115 | 1.25 | 13.12 |
| MBT-115X2.5X1.25 | 115 | 120 | 1.25 | 13.37 |
| MBT-120X2.5X1.25 | 120 | 125 | 1.25 | 13.37 |
| MBT-125X2.5X1.25 | 125 | 130 | 1.25 | 13.54 |
| MBT-130X2.5X1.25 | 130 | 135 | 1.25 | 13.73 |
| MBT-135X2.5X1.25 | 135 | 140 | 1.25 | 14.68 |
| MBT-140X2.5X1.25 | 140 | 145 | 1.25 | 15.82 |
| MBT-145X2.5X1.25 | 145 | 150 | 1.25 | 16.11 |
| MBT-155X2.5X1.5 | 155 | 160 | 1.5 | 19.22 |
| 2.6mm C/S | | | | |

STYLE MBT BACK-UP RINGS

| Part Number | A Nom. ID | B Nom. OD | C Nom. Ht | List Price |
|----------------------|-----------|-----------|-----------|------------|
| MBT-73.7X2.6X1.5 | 73.7 | 78.9 | 1.5 | \$7.24 |
| MBT-74.4X2.6X1.8 | 74.4 | 79.6 | 1.8 | 9.50 |
| MBT-104X2.6X1.5 | 104 | 109.2 | 1.5 | 10.80 |
| 2.75mm C/S | | | | |
| MBT-35X2.75X1.5S | 35 | 40.5 | 1.5 | \$6.81 |
| 3mm C/S | | | | |
| MBT-22X3X1.25 | 22 | 28 | 1.25 | \$2.72 |
| MBT-22.4X3X1.25 | 22.4 | 28.4 | 1.25 | 2.72 |
| MBT-24X3X1.25 | 24 | 30 | 1.25 | 2.72 |
| MBT-25X3X1.25 | 25 | 31 | 1.25 | 2.72 |
| MBT-26X3X1.25 | 26 | 32 | 1.25 | 2.72 |
| MBT-28X3X1.25 | 28 | 34 | 1.25 | 2.72 |
| MBT-29X3X1.25 | 29 | 35 | 1.25 | 2.72 |
| MBT-29.5X3X1.25 | 29.5 | 35.5 | 1.25 | 2.72 |
| MBT-30X3X1.25 | 30 | 36 | 1.25 | 2.72 |
| MBT-30X3X2.3 | 30 | 36 | 2.3 | 12.14 |
| MBT-31X3X1.25 | 31 | 37 | 1.25 | 2.72 |
| MBT-32X3X1.25 | 32 | 38 | 1.25 | 3.03 |
| MBT-34X3X1.25 | 34 | 40 | 1.25 | 3.03 |
| MBT-35X3X1.25 | 35 | 41 | 1.25 | 3.03 |
| MBT-35.5X3X1.25 | 35.5 | 41.5 | 1.25 | 3.25 |
| MBT-36X3X1.25 | 36 | 42 | 1.25 | 3.25 |
| MBT-38X3X1.25 | 38 | 44 | 1.25 | 3.25 |
| MBT-39X3X1.25 | 39 | 45 | 1.25 | 3.48 |
| MBT-40X3X1.25 | 40 | 46 | 1.25 | 3.48 |
| MBT-40X3X1.25S | 40 | 46 | 1.25 | 3.48 |
| MBT-41X3X1.25 | 41 | 47 | 1.25 | 3.48 |
| MBT-42X3X1.25 | 42 | 48 | 1.25 | 3.48 |
| MBT-44X3X1.25 | 44 | 50 | 1.25 | 3.91 |
| MBT-45X3X1.25 | 45 | 51 | 1.25 | 3.91 |
| MBT-46X3X1.25 | 46 | 52 | 1.25 | 3.91 |
| MBT-48X3X1.25 | 48 | 54 | 1.25 | 3.91 |
| MBT-49X3X1.25 | 49 | 55 | 1.25 | 3.91 |
| MBT-50X3X1.25 | 50 | 56 | 1.25 | 3.91 |
| 3.1mm C/S | | | | |
| MBT-94.8X3.1X1.7 | 94.8 | 101 | 1.7 | \$17.51 |
| MBT-104.8X3.1X1.7 | 104.8 | 111 | 1.7 | 19.60 |
| 3.2mm C/S | | | | |
| MBT-56.6X3.2X1.75-SC | 55 | 61.4 | 1.75 | \$4.96 |
| 3.5mm C/S | | | | |
| MBT-62X3.5X1.1 | 62 | 69 | 1.1 | \$47.42 |
| MBT-82X3.5X1.5G | 82 | 89 | 1.5 | 25.29 |
| MBT-90X3.5X1.5 | 90 | 97 | 1.5 | 9.44 |
| 4mm C/S | | | | |
| MBT-25X4X1.5 | 25 | 33 | 1.5 | \$2.70 |
| MBT-123X4X1.7 | 123 | 131 | 1.7 | 21.32 |
| MBT-150X4X1.6 | 150 | 158 | 1.6 | 4.83 |
| 4.5mm C/S | | | | |
| MBT-170X4.5X1.9 | 170 | 179 | 1.9 | \$13.11 |
| MBT-190X4.5X1.9 | 190 | 199 | 1.9 | 15.29 |
| 5mm C/S | | | | |
| MBT-35.25X5X3 | 35.25 | 45.25 | 3 | \$4.44 |
| MBT-50X5X1.9 | 50 | 60 | 1.9 | 15.04 |
| MBT-52X5X1.9 | 52 | 62 | 1.9 | 6.24 |
| MBT-53X5X1.9 | 53 | 63 | 1.9 | 6.24 |

| Part Number | A Nom. ID | B Nom. OD | C Nom. Ht | List Price |
|------------------|-----------|-----------|-----------|------------|
| MBT-55X5X1.9 | 55 | 65 | 1.9 | 6.24 |
| MBT-55X5X3B | 55 | 65 | 3 | 12.66 |
| MBT-55.93X5X1.5 | 56 | 66 | 1.5 | 9.41 |
| MBT-56X5X1.9 | 56 | 66 | 1.9 | 6.78 |
| MBT-58X5X1.9 | 58 | 68 | 1.9 | 6.78 |
| MBT-59.95X5X1.55 | 60 | 70 | 1.5 | 11.62 |
| MBT-60X5X1.9 | 60 | 70 | 1.9 | 6.78 |
| MBT-62X5X1.9 | 62 | 72 | 1.9 | 6.78 |
| MBT-63X5X1.9 | 63 | 73 | 1.9 | 6.96 |
| MBT-65X5X1.9 | 65 | 75 | 1.9 | 7.26 |
| MBT-67X5X1.9 | 67 | 77 | 1.9 | 7.60 |
| MBT-70X5X1.9 | 70 | 80 | 1.9 | 7.86 |
| MBT-70X5X1.9S | 70 | 80 | 1.9 | 7.86 |
| MBT-70X5X3SGM | 70 | 80 | 3 | 19.41 |
| MBT-71X5X1.9 | 71 | 81 | 1.9 | 7.86 |
| MBT-74X5X1.9 | 74 | 84 | 1.9 | 9.17 |
| MBT-75X5X1.9 | 75 | 85 | 1.9 | 8.42 |
| MBT-80X5X1.9 | 80 | 90 | 1.9 | 9.06 |
| MBT-80X5X1.9-B6 | 80 | 90 | 1.9 | 26.01 |
| MBT-80X5X3SCG | 80 | 90 | 3 | 24.90 |
| MBT-85X5X1.9 | 85 | 95 | 1.9 | 9.30 |
| MBT-90X5X1.9 | 90 | 100 | 1.9 | 10.49 |
| MBT-93X5X1.7 | 93 | 103 | 1.7 | 22.68 |
| MBT-95X5X1.9 | 95 | 105 | 1.9 | 10.79 |
| MBT-100X5X1.9 | 100 | 110 | 1.9 | 11.08 |
| MBT-105X5X1.9 | 105 | 115 | 1.9 | 11.96 |
| MBT-110X5X1.9 | 110 | 120 | 1.9 | 12.15 |
| MBT-112X5X1.9 | 112 | 122 | 1.9 | 12.15 |
| MBT-115X5X1.9 | 115 | 125 | 1.9 | 12.50 |
| MBT-120X5X1.9 | 120 | 130 | 1.9 | 13.09 |
| MBT-125X5X1.9 | 125 | 135 | 1.9 | 13.67 |
| MBT-130X5X1.9 | 130 | 140 | 1.9 | 13.92 |
| MBT-132X5X1.9 | 132 | 142 | 1.9 | 13.92 |
| MBT-135X5X1.9 | 135 | 145 | 1.9 | 14.50 |
| MBT-140X5X1.9 | 140 | 150 | 1.9 | 15.12 |
| MBT-145X5X1.9 | 145 | 155 | 1.9 | 15.63 |
| MBT-150X5X1.9 | 150 | 160 | 1.9 | 15.95 |
| MBT-155X5X1.9 | 155 | 165 | 1.9 | 16.47 |
| MBT-160X5X1.9 | 160 | 170 | 1.9 | 17.63 |
| MBT-162X5X1.9 | 162 | 172 | 1.9 | 18.54 |
| MBT-165X5X1.9 | 165 | 175 | 1.9 | 17.63 |
| MBT-170X5X1.9 | 170 | 180 | 1.9 | 17.92 |
| MBT-180X5X1.9 | 180 | 190 | 1.9 | 19.33 |
| MBT-180X5X2.5 | 180 | 190 | 2.5 | 32.71 |
| MBT-185X5X1.9 | 185 | 195 | 1.9 | 19.61 |
| MBT-190X5X1.9 | 190 | 200 | 1.9 | 20.21 |
| MBT-195X5X1.9 | 195 | 205 | 1.9 | 20.75 |
| MBT-200X5X1.9 | 200 | 210 | 1.9 | 21.34 |
| MBT-210X5X1.9 | 210 | 220 | 1.9 | 22.22 |
| MBT-214X5X1.9 | 214 | 224 | 1.9 | 27.16 |
| MBT-215X5X1.9 | 215 | 225 | 1.9 | 27.79 |
| MBT-220X5X1.9 | 220 | 230 | 1.9 | 23.28 |
| MBT-230X5X1.9 | 230 | 240 | 1.9 | 24.20 |
| MBT-240X5X1.9 | 240 | 250 | 1.9 | 25.57 |
| MBT-250X5X1.9 | 250 | 260 | 1.9 | 26.47 |
| MBT-260X5X1.9 | 260 | 270 | 1.9 | 27.56 |
| MBT-270X5X1.9 | 270 | 280 | 1.9 | 30.30 |
| MBT-275X5X1.9 | 275 | 285 | 1.9 | 32.40 |

BACK-UP RINGS

STYLE MBT BACK-UP RINGS

BACK-UP RINGS

| Part Number | A Nom. ID | B Nom. OD | C Nom. Ht | List Price |
|-------------------|--------------|--------------|--------------|---------------|
| MBT-280X5X1.9 | 280 | 290 | 1.9 | 34.98 |
| MBT-290X5X1.9 | 290 | 300 | 1.9 | 37.68 |
| MBT-300X5X1.9 | 300 | 310 | 1.9 | 48.59 |
| 6mm C/S | | | | |
| MBT-325X6X3.5 | 325 | 337 | 3.5 | \$74.48 |
| 6.5mm C/S | | | | |
| MBT-72X6.5X2.5 | 72 | 85 | 2.5 | \$12.22 |
| MBT-80X6.5X2.5 | 80 | 93 | 2.5 | 10.22 |
| 7.4mm C/S | | | | |
| MBT-100X7.5X2.5SB | 100 | 114.8 | 2.5 | \$17.10 |
| 7.5mm C/S | | | | |
| MBT-95X7.5X3GM | 95 | 110 | 3 | \$25.35 |
| MBT-112X7.5X3SCG | 112 | 127 | 3 | 30.70 |
| MBT-150X7.5X2.75 | 150 | 165 | 2.75 | 31.78 |
| MBT-155X7.5X2.75 | 155 | 170 | 2.75 | 32.67 |
| MBT-160X7.5X2.75 | 160 | 175 | 2.75 | 33.50 |
| MBT-165X7.5X2.75 | 165 | 180 | 2.75 | 33.50 |
| MBT-170X7.5X2.75 | 170 | 185 | 2.75 | 36.74 |
| MBT-175X7.5X2.75 | 175 | 190 | 2.75 | 37.92 |
| MBT-180X7.5X2.75 | 180 | 195 | 2.75 | 38.80 |
| MBT-185X7.5X2.75 | 185 | 200 | 2.75 | 39.61 |
| MBT-190X7.5X2.75 | 190 | 205 | 2.75 | 40.09 |
| MBT-195X7.5X2.75 | 195 | 210 | 2.75 | 40.85 |
| MBT-200X7.5X2.75 | 200 | 215 | 2.75 | 41.55 |
| MBT-205X7.5X2.75 | 205 | 220 | 2.75 | 41.55 |
| MBT-209X7.5X2.75 | 209 | 224 | 2.75 | 41.55 |
| MBT-210X7.5X2.5 | 210 | 225 | 2.5 | 53.72 |
| MBT-210X7.5X2.75 | 210 | 225 | 2.75 | 43.52 |
| MBT-235X7.5X2.75 | 235 | 250 | 2.75 | 48.89 |
| MBT-240X7.5X2.75 | 240 | 255 | 2.75 | 49.77 |
| MBT-245X7.5X2.75 | 245 | 260 | 2.75 | 50.89 |
| MBT-255X7.5X2.75 | 255 | 270 | 2.75 | 52.89 |
| MBT-265X7.5X2.75 | 265 | 280 | 2.75 | 54.89 |
| MBT-275X7.5X2.75 | 275 | 290 | 2.75 | 56.86 |
| MBT-280X7.5X2.75 | 280 | 295 | 2.75 | 58.01 |
| MBT-285X7.5X2.75 | 285 | 300 | 2.75 | 58.57 |
| MBT-300X7.5X2.75 | 300 | 315 | 2.75 | 61.43 |
| 7.88mm C/S | | | | |
| MBT-54X7.88X3 | 54.04 | 69.8 | 3 | \$13.58 |
| 12.5mm C/S | | | | |
| MBT-170X12.5X4SB | 170 | 195 | 4 | \$46.38 |
| MBT-180X12.5X4SB | 180 | 205 | 4 | 92.97 |

Seal color may vary. Special order sizes are available. Sizes not shown and out of stock items can also be ordered for next day delivery through Seals On Demand, our custom seal program. Please call your regional sales team for assistance.