



Farrell Bearings Limited

Metric/Imperial Conversion Sheet

1MM = .03937 "

1" = 25.4MM

| INCH | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------|-----------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Fraction | Decimal | MM | | | | | | | | | | |
| 0 | 0.00000 | 0.000 | 25.400 | 50.800 | 76.200 | 101.600 | 127.000 | 152.400 | 177.800 | 203.200 | 228.600 | 254.000 |
| 1/64 | 0.015625 | 0.397 | 25.797 | 51.197 | 76.597 | 101.997 | 127.397 | 152.797 | 178.197 | 203.597 | 228.997 | 254.397 |
| 1/32 | 0.031250 | 0.794 | 26.194 | 51.594 | 76.994 | 102.394 | 127.794 | 153.194 | 178.594 | 203.994 | 229.394 | 254.794 |
| 3/64 | 0.046875 | 1.191 | 26.591 | 51.991 | 77.391 | 102.791 | 128.191 | 153.591 | 178.991 | 204.391 | 229.791 | 255.191 |
| 1/16 | 0.062500 | 1.588 | 26.988 | 52.388 | 77.788 | 103.188 | 128.588 | 153.988 | 179.388 | 204.788 | 230.188 | 255.588 |
| 5/64 | 0.078125 | 1.984 | 27.384 | 52.784 | 78.184 | 103.584 | 128.984 | 154.384 | 179.784 | 205.184 | 230.584 | 255.984 |
| 3/32 | 0.093750 | 2.381 | 27.781 | 53.181 | 78.581 | 103.981 | 129.381 | 154.781 | 180.181 | 205.581 | 230.981 | 256.381 |
| 7/64 | 0.109375 | 2.778 | 28.178 | 53.578 | 78.978 | 104.378 | 129.778 | 155.178 | 180.578 | 205.978 | 231.378 | 256.778 |
| 1/8 | 0.125000 | 3.175 | 28.575 | 53.975 | 79.375 | 104.775 | 130.175 | 155.575 | 180.975 | 206.375 | 231.775 | 257.175 |
| 9/64 | 0.140625 | 3.572 | 28.972 | 54.372 | 79.772 | 105.172 | 130.572 | 155.972 | 181.372 | 206.772 | 232.172 | 257.572 |
| 5/32 | 0.156250 | 3.969 | 29.369 | 54.769 | 80.169 | 105.569 | 130.969 | 156.369 | 181.769 | 207.169 | 232.569 | 257.969 |
| 11/64 | 0.171875 | 4.366 | 29.766 | 55.166 | 80.566 | 105.966 | 131.366 | 156.766 | 182.166 | 207.566 | 232.966 | 258.366 |
| 3/16 | 0.187500 | 4.763 | 30.163 | 55.563 | 80.963 | 106.363 | 131.763 | 157.163 | 182.563 | 207.963 | 233.363 | 258.763 |
| 13/64 | 0.203125 | 5.159 | 30.559 | 55.959 | 81.359 | 106.759 | 132.159 | 157.559 | 182.959 | 208.359 | 233.759 | 259.159 |
| 7/32 | 0.218750 | 5.556 | 30.956 | 56.356 | 81.756 | 107.156 | 132.556 | 157.956 | 183.356 | 208.756 | 234.156 | 259.556 |
| 15/64 | 0.234375 | 5.953 | 31.353 | 56.753 | 82.153 | 107.553 | 132.953 | 158.353 | 183.753 | 209.153 | 234.553 | 259.953 |
| 1/4 | 0.250000 | 6.350 | 31.750 | 57.150 | 82.550 | 107.950 | 133.350 | 158.750 | 184.150 | 209.550 | 234.950 | 260.350 |
| 17/64 | 0.265625 | 6.747 | 32.147 | 57.547 | 82.947 | 108.347 | 133.747 | 159.147 | 184.547 | 209.947 | 235.347 | 260.747 |
| 9/32 | 0.281250 | 7.144 | 32.544 | 57.944 | 83.344 | 108.744 | 134.144 | 159.544 | 184.944 | 210.344 | 235.744 | 261.144 |
| 19/64 | 0.296875 | 7.541 | 32.941 | 58.341 | 83.741 | 109.141 | 134.541 | 159.941 | 185.341 | 210.741 | 236.141 | 261.541 |
| 5/16 | 0.312500 | 7.938 | 33.338 | 58.738 | 84.138 | 109.538 | 134.938 | 160.338 | 185.738 | 211.138 | 236.538 | 261.938 |
| 21/64 | 0.328125 | 8.334 | 33.734 | 59.134 | 84.534 | 109.934 | 135.334 | 160.734 | 186.134 | 211.534 | 236.934 | 262.334 |
| 11/32 | 0.343750 | 8.731 | 34.131 | 59.531 | 84.931 | 110.331 | 135.731 | 161.131 | 186.531 | 211.931 | 237.331 | 262.731 |
| 23/64 | 0.359375 | 9.128 | 34.528 | 59.928 | 85.328 | 110.728 | 136.128 | 161.528 | 186.928 | 212.328 | 237.728 | 263.128 |
| 3/8 | 0.375000 | 9.525 | 34.925 | 60.325 | 85.725 | 111.125 | 136.525 | 161.925 | 187.325 | 212.725 | 238.125 | 263.525 |
| 25/64 | 0.390625 | 9.922 | 35.322 | 60.722 | 86.122 | 111.522 | 136.922 | 162.322 | 187.722 | 213.122 | 238.522 | 263.922 |
| 13/32 | 0.406250 | 10.319 | 35.719 | 61.119 | 86.519 | 111.919 | 137.319 | 162.719 | 188.119 | 213.519 | 238.919 | 264.319 |
| 27/64 | 0.421875 | 10.716 | 36.116 | 61.516 | 86.916 | 112.316 | 137.716 | 163.116 | 188.516 | 213.916 | 239.316 | 264.716 |
| 7/16 | 0.437500 | 11.113 | 36.513 | 61.913 | 87.313 | 112.713 | 138.113 | 163.513 | 188.913 | 214.313 | 239.713 | 265.113 |
| 29/64 | 0.453125 | 11.509 | 36.909 | 62.309 | 87.709 | 113.109 | 138.509 | 163.909 | 189.309 | 214.709 | 240.109 | 265.509 |
| 15/32 | 0.468750 | 11.906 | 37.306 | 62.706 | 88.106 | 113.506 | 138.906 | 164.306 | 189.706 | 215.106 | 240.506 | 265.906 |
| 31/64 | 0.484375 | 12.303 | 37.703 | 63.103 | 88.503 | 113.903 | 139.303 | 164.703 | 190.103 | 215.503 | 240.903 | 266.303 |
| 1/2 | 0.500000 | 12.700 | 38.100 | 63.500 | 88.900 | 114.300 | 139.700 | 165.100 | 190.500 | 215.900 | 241.300 | 266.700 |
| 33/64 | 0.515625 | 13.097 | 38.497 | 63.897 | 89.297 | 114.697 | 140.097 | 165.497 | 190.897 | 216.297 | 241.697 | 267.097 |
| 17/32 | 0.531250 | 13.494 | 38.894 | 64.294 | 89.694 | 115.094 | 140.494 | 165.894 | 191.294 | 216.694 | 242.094 | 267.494 |
| 35/64 | 0.546875 | 13.891 | 39.291 | 64.691 | 90.091 | 115.491 | 140.891 | 166.291 | 191.691 | 217.091 | 242.491 | 267.891 |
| 9/16 | 0.562500 | 14.288 | 39.688 | 65.088 | 90.488 | 115.888 | 141.288 | 166.688 | 192.088 | 217.488 | 242.888 | 268.288 |
| 37/64 | 0.578125 | 14.684 | 40.084 | 65.484 | 90.884 | 116.284 | 141.684 | 167.084 | 192.484 | 217.884 | 243.284 | 268.684 |
| 19/32 | 0.593750 | 15.081 | 40.481 | 65.881 | 91.281 | 116.681 | 142.081 | 167.481 | 192.881 | 218.281 | 243.681 | 269.081 |
| 39/64 | 0.609375 | 15.478 | 40.878 | 66.278 | 91.678 | 117.078 | 142.478 | 167.878 | 193.278 | 218.678 | 244.078 | 269.478 |
| 5/8 | 0.625000 | 15.875 | 41.275 | 66.675 | 92.075 | 117.475 | 142.875 | 168.275 | 193.675 | 219.075 | 244.475 | 269.875 |
| 41/64 | 0.640625 | 16.272 | 41.672 | 67.072 | 92.472 | 117.872 | 143.272 | 168.672 | 194.072 | 219.472 | 244.872 | 270.272 |
| 21/32 | 0.656250 | 16.669 | 42.069 | 67.469 | 92.869 | 118.269 | 143.669 | 169.069 | 194.469 | 219.869 | 245.269 | 270.669 |
| 43/64 | 0.671875 | 17.066 | 42.466 | 67.866 | 93.266 | 118.666 | 144.066 | 169.466 | 194.866 | 220.266 | 245.666 | 271.066 |
| 11/16 | 0.687500 | 17.463 | 42.863 | 68.263 | 93.663 | 119.063 | 144.463 | 169.863 | 195.263 | 220.663 | 246.063 | 271.463 |
| 45/64 | 0.703125 | 17.859 | 43.259 | 68.659 | 94.059 | 119.459 | 144.859 | 170.259 | 195.659 | 221.059 | 246.459 | 271.859 |
| 23/32 | 0.718750 | 18.256 | 43.656 | 69.056 | 94.456 | 119.856 | 145.256 | 170.656 | 196.056 | 221.456 | 246.856 | 272.256 |
| 47/64 | 0.734375 | 18.653 | 44.053 | 69.453 | 94.853 | 120.253 | 145.653 | 171.053 | 196.453 | 221.853 | 247.253 | 272.653 |
| 3/4 | 0.750000 | 19.050 | 44.450 | 69.850 | 95.250 | 120.650 | 146.050 | 171.450 | 196.850 | 222.250 | 247.650 | 273.050 |
| 49/64 | 0.765625 | 19.447 | 44.847 | 70.247 | 95.647 | 121.047 | 146.447 | 171.847 | 197.247 | 222.647 | 248.047 | 273.447 |
| 25/32 | 0.781250 | 19.844 | 45.244 | 70.644 | 96.044 | 121.444 | 146.844 | 172.244 | 197.644 | 223.044 | 248.444 | 273.844 |
| 51/64 | 0.796875 | 20.241 | 45.641 | 71.041 | 96.441 | 121.841 | 147.241 | 172.641 | 198.041 | 223.441 | 248.841 | 274.241 |
| 13/16 | 0.812500 | 20.638 | 46.038 | 71.438 | 96.838 | 122.238 | 147.638 | 173.038 | 198.438 | 223.838 | 249.238 | 274.638 |
| 53/64 | 0.828125 | 21.034 | 46.434 | 71.834 | 97.234 | 122.634 | 148.034 | 173.434 | 198.834 | 224.234 | 249.634 | 275.034 |
| 27/32 | 0.843750 | 21.431 | 46.831 | 72.231 | 97.631 | 123.031 | 148.431 | 173.831 | 199.231 | 224.631 | 250.031 | 275.431 |
| 55/64 | 0.859375 | 21.828 | 47.228 | 72.628 | 98.028 | 123.428 | 148.828 | 174.228 | 199.628 | 225.028 | 250.428 | 275.828 |
| 7/8 | 0.875000 | 22.225 | 47.625 | 73.025 | 98.425 | 123.825 | 149.225 | 174.625 | 200.025 | 225.425 | 250.825 | 276.225 |
| 57/64 | 0.890625 | 22.622 | 48.022 | 73.422 | 98.822 | 124.222 | 149.622 | 175.022 | 200.422 | 225.822 | 251.222 | 276.622 |
| 29/32 | 0.906250 | 23.019 | 48.419 | 73.819 | 99.219 | 124.619 | 150.019 | 175.419 | 200.819 | 226.219 | 251.619 | 277.019 |
| 59/64 | 0.921875 | 23.416 | 48.816 | 74.216 | 99.616 | 125.016 | 150.416 | 175.816 | 201.216 | 226.616 | 252.016 | 277.416 |
| 15/16 | 0.937500 | 23.813 | 49.213 | 74.613 | 100.013 | 125.413 | 150.813 | 176.213 | 201.613 | 227.013 | 252.413 | 277.813 |
| 61/64 | 0.953125 | 24.209 | 49.609 | 75.009 | 100.409 | 125.809 | 151.209 | 176.609 | 202.009 | 227.409 | 252.809 | 278.209 |
| 31/32 | 0.968750 | 24.606 | 50.006 | 75.406 | 100.806 | 126.206 | 151.606 | 177.006 | 202.406 | 227.806 | 253.206 | 278.606 |
| 63/64 | 0.984375 | 25.003 | 50.403 | 75.803 | 101.203 | 126.603 | 152.003 | 177.403 | 202.803 | 228.203 | 253.603 | 279.003 |



Farrell Bearings Limited

Metric/Imperial Conversion Sheet

Imperial Fraction to MM

Basic

| Fraction | Decimal | Metric MM |
|----------|---------|-----------|
| 1 | 1 | 25.4 |
| 1/2 | 0.5 | 12.7 |
| 1/4 | 0.25 | 6.35 |
| 3/4 | 0.75 | 19.05 |

8ths

| Fraction | Decimal | Metric MM |
|----------|---------|-----------|
| 1/8 | 0.125 | 3.175 |
| 3/8 | 0.375 | 9.525 |
| 5/8 | 0.625 | 15.875 |
| 7/8 | 0.875 | 22.225 |

16ths

| Fraction | Decimal | Metric MM |
|----------|---------|-----------|
| 1/16 | 0.063 | 1.588 |
| 3/16 | 0.188 | 4.763 |
| 5/16 | 0.313 | 7.938 |
| 7/16 | 0.438 | 11.113 |
| 9/16 | 0.563 | 14.288 |
| 11/16 | 0.688 | 17.463 |
| 13/16 | 0.813 | 20.638 |
| 15/16 | 0.938 | 23.813 |

32nds

| Fraction | Decimal | Metric MM |
|----------|---------|-----------|
| 1/32 | 0.031 | 0.794 |
| 3/32 | 0.094 | 2.381 |
| 5/32 | 0.156 | 3.969 |
| 7/32 | 0.219 | 5.556 |
| 9/32 | 0.281 | 7.144 |
| 11/32 | 0.344 | 8.731 |
| 13/32 | 0.406 | 10.319 |
| 15/32 | 0.469 | 11.906 |
| 17/32 | 0.531 | 13.494 |
| 19/32 | 0.594 | 15.081 |
| 21/32 | 0.656 | 16.669 |
| 23/32 | 0.719 | 18.256 |
| 25/32 | 0.781 | 19.844 |
| 27/32 | 0.844 | 21.431 |
| 29/32 | 0.906 | 23.019 |
| 31/32 | 0.969 | 24.606 |

64ths

| Fraction | Decimal | Metric MM |
|----------|---------|-----------|
| 1/64 | 0.016 | 0.397 |
| 3/64 | 0.047 | 1.191 |
| 5/64 | 0.078 | 1.984 |
| 7/64 | 0.109 | 2.778 |
| 9/64 | 0.141 | 3.572 |
| 11/64 | 0.172 | 4.366 |
| 13/64 | 0.203 | 5.159 |
| 15/64 | 0.234 | 5.953 |
| 17/64 | 0.266 | 6.747 |
| 19/64 | 0.297 | 7.541 |
| 21/64 | 0.328 | 8.334 |
| 23/64 | 0.359 | 9.128 |
| 25/64 | 0.391 | 9.922 |
| 27/64 | 0.422 | 10.716 |
| 29/64 | 0.453 | 11.509 |
| 31/64 | 0.484 | 12.303 |
| 33/64 | 0.516 | 13.097 |
| 35/64 | 0.547 | 13.891 |
| 37/64 | 0.578 | 14.684 |
| 39/64 | 0.609 | 15.478 |
| 41/64 | 0.641 | 16.272 |
| 43/64 | 0.672 | 17.066 |
| 45/64 | 0.703 | 17.859 |
| 47/64 | 0.734 | 18.653 |
| 49/64 | 0.766 | 19.447 |
| 51/64 | 0.797 | 20.241 |
| 53/64 | 0.828 | 21.034 |
| 55/64 | 0.859 | 21.828 |
| 57/64 | 0.891 | 22.622 |
| 59/64 | 0.922 | 23.416 |
| 61/64 | 0.953 | 24.209 |
| 63/64 | 0.984 | 25.003 |

MM to Imperial Fraction

0-12.7MM

| Metric MM | Decimal | Fraction |
|-----------|---------|----------|
| 0.397 | 0.016 | 1/64 |
| 0.794 | 0.031 | 1/32 |
| 1.191 | 0.047 | 3/64 |
| 1.588 | 0.063 | 1/16 |
| 1.984 | 0.078 | 5/64 |
| 2.381 | 0.094 | 3/32 |
| 2.778 | 0.109 | 7/64 |
| 3.175 | 0.125 | 1/8 |
| 3.572 | 0.141 | 9/64 |
| 3.969 | 0.156 | 5/32 |
| 4.366 | 0.172 | 11/64 |
| 4.763 | 0.188 | 3/16 |
| 5.159 | 0.203 | 13/64 |
| 5.556 | 0.219 | 7/32 |
| 5.953 | 0.234 | 15/64 |
| 6.35 | 0.25 | 1/4 |
| 6.747 | 0.266 | 17/64 |
| 7.144 | 0.281 | 9/32 |
| 7.541 | 0.297 | 19/64 |
| 7.938 | 0.313 | 5/16 |
| 8.334 | 0.328 | 21/64 |
| 8.731 | 0.344 | 11/32 |
| 9.128 | 0.359 | 23/64 |
| 9.525 | 0.375 | 3/8 |
| 9.922 | 0.391 | 25/64 |
| 10.319 | 0.406 | 13/32 |
| 10.716 | 0.422 | 27/64 |
| 11.113 | 0.438 | 7/16 |
| 11.509 | 0.453 | 29/64 |
| 11.906 | 0.469 | 15/32 |
| 12.303 | 0.484 | 31/64 |
| 12.7 | 0.5 | 1/2 |

13-25.4MM

| Metric MM | Decimal | Fraction |
|-----------|---------|----------|
| 13.097 | 0.516 | 33/64 |
| 13.494 | 0.531 | 17/32 |
| 13.891 | 0.547 | 35/64 |
| 14.288 | 0.563 | 9/16 |
| 14.684 | 0.578 | 37/64 |
| 15.081 | 0.594 | 19/32 |
| 15.478 | 0.609 | 39/64 |
| 15.875 | 0.625 | 5/8 |
| 16.272 | 0.641 | 41/64 |
| 16.669 | 0.656 | 21/32 |
| 17.066 | 0.672 | 43/64 |
| 17.463 | 0.688 | 11/16 |
| 17.859 | 0.703 | 45/64 |
| 18.256 | 0.719 | 23/32 |
| 18.653 | 0.734 | 47/64 |
| 19.05 | 0.75 | 3/4 |
| 19.447 | 0.766 | 49/64 |
| 19.844 | 0.781 | 25/32 |
| 20.241 | 0.797 | 51/64 |
| 20.638 | 0.813 | 13/16 |
| 21.034 | 0.828 | 53/64 |
| 21.431 | 0.844 | 27/32 |
| 21.828 | 0.859 | 55/64 |
| 22.225 | 0.875 | 7/8 |
| 22.622 | 0.891 | 57/64 |
| 23.019 | 0.906 | 29/32 |
| 23.416 | 0.922 | 59/64 |
| 23.813 | 0.938 | 15/16 |
| 24.209 | 0.953 | 61/64 |
| 24.606 | 0.969 | 31/32 |
| 25.003 | 0.984 | 63/64 |
| 25.4 | 1 | 1 |

Conversion

| | | |
|--------|---|----------------|
| 1 INCH | = | 25.4MM |
| 1 MM | = | .03937008 INCH |