

Yokomo MR4TCBD



2nd gear Ratio 2
 Starting spur 96
 Starting pinon 22

Starting spur 70
 Starting pinon 16

| | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 22 | 8.727 | 8.818 | 8.909 | 9.000 | 9.091 | 9.182 | 9.273 | 9.364 | 9.455 | 9.545 | 9.636 | 9.727 | 9.818 | 9.909 |
| 23 | 8.348 | 8.435 | 8.522 | 8.609 | 8.696 | 8.783 | 8.870 | 8.957 | 9.043 | 9.130 | 9.217 | 9.304 | 9.391 | 9.478 |
| 24 | 8.000 | 8.083 | 8.167 | 8.250 | 8.333 | 8.417 | 8.500 | 8.583 | 8.667 | 8.750 | 8.833 | 8.917 | 9.000 | 9.083 |
| 25 | 7.680 | 7.760 | 7.840 | 7.920 | 8.000 | 8.080 | 8.160 | 8.240 | 8.320 | 8.400 | 8.480 | 8.560 | 8.640 | 8.720 |
| 26 | 7.385 | 7.462 | 7.538 | 7.615 | 7.692 | 7.769 | 7.846 | 7.923 | 8.000 | 8.077 | 8.154 | 8.231 | 8.308 | 8.385 |
| 27 | 7.111 | 7.185 | 7.259 | 7.333 | 7.407 | 7.481 | 7.556 | 7.630 | 7.704 | 7.778 | 7.852 | 7.926 | 8.000 | 8.074 |
| 28 | 6.857 | 6.929 | 7.000 | 7.071 | 7.143 | 7.214 | 7.286 | 7.357 | 7.429 | 7.500 | 7.571 | 7.643 | 7.714 | 7.786 |
| 29 | 6.621 | 6.690 | 6.759 | 6.828 | 6.897 | 6.966 | 7.034 | 7.103 | 7.172 | 7.241 | 7.310 | 7.379 | 7.448 | 7.517 |
| 30 | 6.400 | 6.467 | 6.533 | 6.600 | 6.667 | 6.733 | 6.800 | 6.867 | 6.933 | 7.000 | 7.067 | 7.133 | 7.200 | 7.267 |
| 31 | 6.194 | 6.258 | 6.323 | 6.387 | 6.452 | 6.516 | 6.581 | 6.645 | 6.710 | 6.774 | 6.839 | 6.903 | 6.968 | 7.032 |
| 32 | 6.000 | 6.063 | 6.125 | 6.188 | 6.250 | 6.313 | 6.375 | 6.438 | 6.500 | 6.563 | 6.625 | 6.688 | 6.750 | 6.813 |
| 33 | 5.818 | 5.879 | 5.939 | 6.000 | 6.061 | 6.121 | 6.182 | 6.242 | 6.303 | 6.364 | 6.424 | 6.485 | 6.545 | 6.606 |
| 34 | 5.647 | 5.706 | 5.765 | 5.824 | 5.882 | 5.941 | 6.000 | 6.059 | 6.118 | 6.176 | 6.235 | 6.294 | 6.353 | 6.412 |
| 35 | 5.486 | 5.543 | 5.600 | 5.657 | 5.714 | 5.771 | 5.829 | 5.886 | 5.943 | 6.000 | 6.057 | 6.114 | 6.171 | 6.229 |
| 36 | 5.333 | 5.389 | 5.444 | 5.500 | 5.556 | 5.611 | 5.667 | 5.722 | 5.778 | 5.833 | 5.889 | 5.944 | 6.000 | 6.056 |
| 37 | 5.189 | 5.243 | 5.297 | 5.351 | 5.405 | 5.459 | 5.514 | 5.568 | 5.622 | 5.676 | 5.730 | 5.784 | 5.838 | 5.892 |
| 38 | 5.053 | 5.105 | 5.158 | 5.211 | 5.263 | 5.316 | 5.368 | 5.421 | 5.474 | 5.526 | 5.579 | 5.632 | 5.684 | 5.737 |
| 39 | 4.923 | 4.974 | 5.026 | 5.077 | 5.128 | 5.179 | 5.231 | 5.282 | 5.333 | 5.385 | 5.436 | 5.487 | 5.538 | 5.590 |
| 40 | 4.800 | 4.850 | 4.900 | 4.950 | 5.000 | 5.050 | 5.100 | 5.150 | 5.200 | 5.250 | 5.300 | 5.350 | 5.400 | 5.450 |
| 41 | 4.683 | 4.732 | 4.780 | 4.829 | 4.878 | 4.927 | 4.976 | 5.024 | 5.073 | 5.122 | 5.171 | 5.220 | 5.268 | 5.317 |
| 42 | 4.571 | 4.619 | 4.667 | 4.714 | 4.762 | 4.810 | 4.857 | 4.905 | 4.952 | 5.000 | 5.048 | 5.095 | 5.143 | 5.190 |
| 43 | 4.465 | 4.512 | 4.558 | 4.605 | 4.651 | 4.698 | 4.744 | 4.791 | 4.837 | 4.884 | 4.930 | 4.977 | 5.023 | 5.070 |
| 44 | 4.364 | 4.409 | 4.455 | 4.500 | 4.545 | 4.591 | 4.636 | 4.682 | 4.727 | 4.773 | 4.818 | 4.864 | 4.909 | 4.955 |
| 45 | 4.267 | 4.311 | 4.356 | 4.400 | 4.444 | 4.489 | 4.533 | 4.578 | 4.622 | 4.667 | 4.711 | 4.756 | 4.800 | 4.844 |
| 46 | 4.174 | 4.217 | 4.261 | 4.304 | 4.348 | 4.391 | 4.435 | 4.478 | 4.522 | 4.565 | 4.609 | 4.652 | 4.696 | 4.739 |
| 47 | 4.085 | 4.128 | 4.170 | 4.213 | 4.255 | 4.298 | 4.340 | 4.383 | 4.426 | 4.468 | 4.511 | 4.553 | 4.596 | 4.638 |
| 48 | 4.000 | 4.042 | 4.083 | 4.125 | 4.167 | 4.208 | 4.250 | 4.292 | 4.333 | 4.375 | 4.417 | 4.458 | 4.500 | 4.542 |
| 49 | 3.918 | 3.959 | 4.000 | 4.041 | 4.082 | 4.122 | 4.163 | 4.204 | 4.245 | 4.286 | 4.327 | 4.367 | 4.408 | 4.449 |

| | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 16 | 8.750 | 8.875 | 9.000 | 9.125 | 9.250 | 9.375 | 9.500 | 9.625 | 9.750 | 9.875 | 10.00 | 10.13 | 10.25 | 10.38 |
| 17 | 8.235 | 8.353 | 8.471 | 8.588 | 8.706 | 8.824 | 8.941 | 9.059 | 9.176 | 9.294 | 9.412 | 9.529 | 9.647 | 9.765 |
| 18 | 7.778 | 7.889 | 8.000 | 8.111 | 8.222 | 8.333 | 8.444 | 8.556 | 8.667 | 8.778 | 8.889 | 9.000 | 9.111 | 9.222 |
| 19 | 7.368 | 7.474 | 7.579 | 7.684 | 7.789 | 7.895 | 8.000 | 8.105 | 8.211 | 8.316 | 8.421 | 8.526 | 8.632 | 8.737 |
| 20 | 7.000 | 7.100 | 7.200 | 7.300 | 7.400 | 7.500 | 7.600 | 7.700 | 7.800 | 7.900 | 8.000 | 8.100 | 8.200 | 8.300 |
| 21 | 6.667 | 6.762 | 6.857 | 6.952 | 7.048 | 7.143 | 7.238 | 7.333 | 7.429 | 7.524 | 7.619 | 7.714 | 7.810 | 7.905 |
| 22 | 6.364 | 6.455 | 6.545 | 6.636 | 6.727 | 6.818 | 6.909 | 7.000 | 7.091 | 7.182 | 7.273 | 7.364 | 7.455 | 7.545 |
| 23 | 6.087 | 6.174 | 6.261 | 6.348 | 6.435 | 6.522 | 6.609 | 6.696 | 6.783 | 6.870 | 6.957 | 7.043 | 7.130 | 7.217 |
| 24 | 5.833 | 5.917 | 6.000 | 6.083 | 6.167 | 6.250 | 6.333 | 6.417 | 6.500 | 6.583 | 6.667 | 6.750 | 6.833 | 6.917 |
| 25 | 5.600 | 5.680 | 5.760 | 5.840 | 5.920 | 6.000 | 6.080 | 6.160 | 6.240 | 6.320 | 6.400 | 6.480 | 6.560 | 6.640 |
| 26 | 5.385 | 5.462 | 5.538 | 5.615 | 5.692 | 5.769 | 5.846 | 5.923 | 6.000 | 6.077 | 6.154 | 6.231 | 6.308 | 6.385 |
| 27 | 5.185 | 5.259 | 5.333 | 5.407 | 5.481 | 5.556 | 5.630 | 5.704 | 5.778 | 5.852 | 5.926 | 6.000 | 6.074 | 6.148 |
| 28 | 5.000 | 5.071 | 5.143 | 5.214 | 5.286 | 5.357 | 5.429 | 5.500 | 5.571 | 5.643 | 5.714 | 5.786 | 5.857 | 5.929 |
| 29 | 4.828 | 4.897 | 4.966 | 5.034 | 5.103 | 5.172 | 5.241 | 5.310 | 5.379 | 5.448 | 5.517 | 5.586 | 5.655 | 5.724 |
| 30 | 4.667 | 4.733 | 4.800 | 4.867 | 4.933 | 5.000 | 5.067 | 5.133 | 5.200 | 5.267 | 5.333 | 5.400 | 5.467 | 5.533 |
| 31 | 4.516 | 4.581 | 4.645 | 4.710 | 4.774 | 4.839 | 4.903 | 4.968 | 5.032 | 5.097 | 5.161 | 5.226 | 5.290 | 5.355 |