

Helical Gears

Materials

Steel - Parallel Axis

STD : Steel 214M15/045M10

64 DP

17°45' H.A. ALTERNATIVE : Brass, Tufnol or Delrin

20° P.A.

SPECIAL TEETH : between 10 - 250

| TORQUE CHECK | | 214M15 | 214M15 | Brass | Tufnol |
|---------------------|------------|--------|--------|-------|--------|
| 50 teeth x 1000 rpm | | 303S21 | Cse/HD | | |
| variations | TORQUE Nm. | 0.26 | 1.04 | 0.13 | 0.09 |
| at back | K.W. | 0.030 | 0.112 | 0.015 | 0.008 |



RH 17°45'

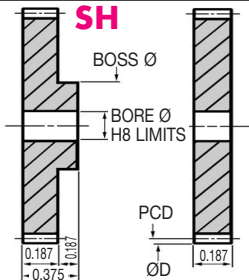


LH 17°45'

LH runs with RH

Popular sizes in stock.

Any two part numbers of this pitch will run together.



DISCOUNTS

| | List Price |
|-----------|------------|
| 1 - 5 | |
| 6 - 19 | - 12% |
| 20 - 39 | - 25% |
| 40 - 59 | - 33% |
| 60 - 99 | - 37% |
| 100 - 200 | - 42% |

| PART NUMBER | TEETH | PCD (ins) | ØD (ins) | BOSS Ø (ins) | BORE Ø (ins) | PRICE EACH 1 - 5 | |
|-------------|-------|-----------|----------|--------------|--------------|------------------|--------|
| | | | | | | SH | PSH |
| SH64-10 | 10 | 0.180 | 0.212 | 0.212 | 0.093 | £10.07 | £8.93 |
| SH64-11 | 11 | 0.180 | 0.212 | 0.212 | 0.093 | £10.08 | £8.94 |
| SH64-12 | 12 | 0.197 | 0.228 | 0.228 | 0.093 | £10.09 | £8.96 |
| SH64-13 | 13 | 0.213 | 0.245 | 0.236 | 0.093 | £10.22 | £9.22 |
| SH64-14 | 14 | 0.230 | 0.261 | 0.236 | 0.093 | £10.30 | £9.37 |
| SH64-15 | 15 | 0.246 | 0.277 | 0.236 | 0.093 | £10.35 | £9.55 |
| SH64-16 | 16 | 0.263 | 0.294 | 0.250 | 0.093 | £10.47 | £9.83 |
| SH64-17 | 17 | 0.279 | 0.310 | 0.250 | 0.093 | £10.57 | £10.19 |
| SH64-18 | 18 | 0.295 | 0.327 | 0.250 | 0.125 | £10.70 | £10.43 |
| SH64-19 | 19 | 0.312 | 0.343 | 0.250 | 0.125 | £10.76 | £10.57 |
| SH64-20 | 20 | 0.328 | 0.359 | 0.250 | 0.125 | £10.94 | £10.72 |
| SH64-21 | 21 | 0.345 | 0.376 | 0.250 | 0.125 | £11.15 | £10.79 |
| SH64-22 | 22 | 0.361 | 0.392 | 0.250 | 0.125 | £11.30 | £10.87 |
| SH64-23 | 23 | 0.377 | 0.409 | 0.250 | 0.125 | £11.49 | £10.97 |
| SH64-24 | 24 | 0.394 | 0.425 | 0.375 | 0.125 | £11.65 | £11.15 |
| SH64-25 | 25 | 0.410 | 0.441 | 0.375 | 0.125 | £11.77 | £11.20 |
| SH64-26 | 26 | 0.427 | 0.458 | 0.375 | 0.125 | £12.04 | £11.28 |
| SH64-27 | 27 | 0.443 | 0.474 | 0.375 | 0.125 | £12.15 | £11.36 |
| SH64-28 | 28 | 0.459 | 0.491 | 0.375 | 0.125 | £12.33 | £11.59 |
| SH64-29 | 29 | 0.476 | 0.507 | 0.375 | 0.125 | £12.34 | £11.77 |
| SH64-30 | 30 | 0.492 | 0.523 | 0.375 | 0.125 | £12.50 | £11.93 |
| SH64-31 | 31 | 0.509 | 0.540 | 0.375 | 0.125 | £12.69 | £12.15 |
| SH64-32 | 32 | 0.525 | 0.556 | 0.375 | 0.125 | £12.84 | £12.33 |

Helical Gears Parallel Axis Steel DP 64

24.44



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| PART NUMBER | TEETH | PCD (ins) | ØD (ins) | BOSS Ø (ins) | BORE Ø (ins) | PRICE EACH 1 - 5 | |
|-------------|-------|-----------|----------|--------------|--------------|------------------|--------|
| | | | | | | SH | PSH |
| SH64-33 | 33 | 0.541 | 0.573 | 0.375 | 0.125 | £13.03 | £12.50 |
| SH64-34 | 34 | 0.558 | 0.589 | 0.375 | 0.125 | £13.26 | £12.69 |
| SH64-35 | 35 | 0.574 | 0.605 | 0.375 | 0.125 | £13.41 | £12.84 |
| SH64-36 | 36 | 0.591 | 0.622 | 0.375 | 0.125 | £13.61 | £13.09 |
| SH64-37 | 37 | 0.607 | 0.638 | 0.375 | 0.125 | £13.64 | £13.13 |
| SH64-38 | 38 | 0.623 | 0.655 | 0.375 | 0.125 | £13.68 | £13.14 |
| SH64-39 | 39 | 0.640 | 0.671 | 0.375 | 0.125 | £13.70 | £13.19 |
| SH64-40 | 40 | 0.656 | 0.688 | 0.500 | 0.187 | £13.77 | £13.26 |
| SH64-41 | 41 | 0.673 | 0.704 | 0.500 | 0.187 | £13.92 | £13.30 |
| SH64-42 | 42 | 0.689 | 0.720 | 0.500 | 0.187 | £13.95 | £13.37 |
| SH64-43 | 43 | 0.705 | 0.737 | 0.500 | 0.187 | £13.98 | £13.46 |
| SH64-44 | 44 | 0.722 | 0.753 | 0.500 | 0.187 | £14.05 | £13.54 |
| SH64-45 | 45 | 0.738 | 0.770 | 0.500 | 0.187 | £14.15 | £13.61 |
| SH64-46 | 46 | 0.755 | 0.786 | 0.500 | 0.187 | £14.25 | £13.68 |
| SH64-47 | 47 | 0.771 | 0.802 | 0.500 | 0.187 | £14.32 | £13.75 |
| SH64-48 | 48 | 0.788 | 0.819 | 0.500 | 0.187 | £14.36 | £13.82 |
| SH64-49 | 49 | 0.804 | 0.835 | 0.500 | 0.187 | £14.44 | £13.93 |
| SH64-50 | 50 | 0.820 | 0.852 | 0.500 | 0.187 | £14.50 | £13.96 |
| SH64-51 | 51 | 0.837 | 0.868 | 0.500 | 0.187 | £14.64 | £14.06 |
| SH64-52 | 52 | 0.853 | 0.884 | 0.500 | 0.187 | £14.67 | £14.08 |
| SH64-53 | 53 | 0.870 | 0.901 | 0.500 | 0.187 | £14.72 | £14.15 |
| SH64-54 | 54 | 0.886 | 0.917 | 0.500 | 0.187 | £14.77 | £14.20 |
| SH64-55 | 55 | 0.902 | 0.934 | 0.500 | 0.187 | £14.90 | £14.32 |
| SH64-56 | 56 | 0.919 | 0.950 | 0.500 | 0.187 | £14.96 | £14.33 |
| SH64-57 | 57 | 0.935 | 0.966 | 0.500 | 0.187 | £15.00 | £14.36 |
| SH64-58 | 58 | 0.952 | 0.983 | 0.500 | 0.187 | £15.02 | £14.38 |
| SH64-59 | 59 | 0.968 | 0.999 | 0.500 | 0.187 | £15.07 | £14.44 |
| SH64-60 | 60 | 0.984 | 1.016 | 0.500 | 0.187 | £15.12 | £14.46 |
| SH64-61 | 61 | 1.001 | 1.032 | 0.500 | 0.187 | £15.19 | £14.61 |
| SH64-62 | 62 | 1.017 | 1.048 | 0.500 | 0.187 | £15.36 | £14.64 |
| SH64-63 | 63 | 1.034 | 1.065 | 0.500 | 0.187 | £15.41 | £14.68 |
| SH64-64 | 64 | 1.050 | 1.081 | 0.500 | 0.187 | £15.49 | £14.73 |
| SH64-65 | 65 | 1.066 | 1.098 | 0.500 | 0.187 | £15.65 | £14.82 |
| SH64-68 | 68 | 1.116 | 1.147 | 0.500 | 0.187 | £15.77 | £14.95 |
| SH64-70 | 70 | 1.148 | 1.180 | 0.500 | 0.187 | £15.87 | £15.00 |
| SH64-72 | 72 | 1.181 | 1.213 | 0.500 | 0.187 | £15.95 | £15.02 |
| SH64-75 | 75 | 1.230 | 1.262 | 0.500 | 0.187 | £16.12 | £15.14 |
| SH64-77 | 77 | 1.263 | 1.295 | 0.500 | 0.187 | £16.19 | £15.19 |
| SH64-80 | 80 | 1.313 | 1.344 | 0.500 | 0.187 | £16.44 | £15.33 |
| SH64-84 | 84 | 1.378 | 1.409 | 0.500 | 0.187 | £16.65 | £15.38 |
| SH64-86 | 86 | 1.411 | 1.442 | 0.500 | 0.187 | £17.67 | £15.39 |
| SH64-88 | 88 | 1.444 | 1.475 | 0.500 | 0.187 | £18.71 | £16.24 |
| SH64-90 | 90 | 1.477 | 1.508 | 0.500 | 0.187 | £19.41 | £17.81 |
| SH64-96 | 96 | 1.575 | 1.606 | 0.500 | 0.187 | £21.61 | £18.77 |
| SH64-100 | 100 | 1.641 | 1.672 | 0.500 | 0.187 | £22.94 | £19.95 |
| SH64-120 | 120 | 1.969 | 2.000 | 0.500 | 0.187 | £24.63 | £21.38 |
| SH64-140 | 140 | 2.297 | 2.328 | 0.500 | 0.250 | £26.00 | £22.57 |
| SH64-150 | 150 | 2.461 | 2.492 | 0.500 | 0.250 | £27.60 | £23.92 |
| SH64-180 | 180 | 2.953 | 2.984 | 0.500 | 0.250 | £29.30 | £25.43 |

Gears with a greater number of teeth than listed are subject to different face widths, boss and bore. Please consult Technical for sizes.

