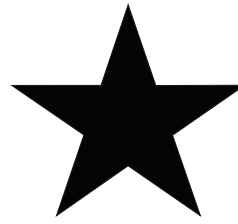


40 Sprockets

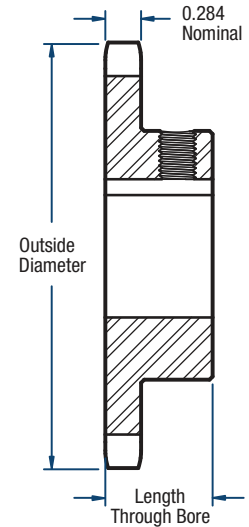
1/2" Pitch



BLACKSTAR®

Single- Bored to Size— Keyway and 2 Setscrews

| No. of Teeth | Catalog Number | Diameters (in) | | Length Through Bore (in) | Approx. Weight (lbs) | Stock Finished Bore Includes Keyway and 2 Setscrews | | | | | | | | | | | | |
|--------------|----------------|----------------|--------|--------------------------|----------------------|---|-----|-----|-----|---|-------|--------|-------|-------|--------|-------|---|---|
| | | Outside | Pitch | | | 1/2* | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | | |
| 9 | H40BS9 | 1.67 | 1.462 | 7/8 | 0.16 | 1/2* | 5/8 | — | — | — | — | — | — | — | — | — | — | — |
| 10 | H40BS10 | 1.84 | 1.618 | 7/8 | 0.24 | 1/2* | 5/8 | 3/4 | — | — | — | — | — | — | — | — | — | — |
| 11 | H40BS11 | 2.00 | 1.775 | 7/8 | 0.28 | 1/2* | 5/8 | 3/4 | 7/8 | — | — | — | — | — | — | — | — | — |
| 12 | H40BS12 | 2.17 | 1.932 | 7/8 | 0.34 | 1/2* | 5/8 | 3/4 | 7/8 | 1 | — | — | — | — | — | — | — | — |
| 13 | H40BS13 | 2.33 | 2.089 | 7/8 | 0.45 | 1/2* | 5/8 | 3/4 | 7/8 | 1 | — | — | — | — | — | — | — | — |
| 14 | H40BS14 | 2.49 | 2.247 | 7/8 | 0.51 | 1/2* | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | — | — | — | — | — | — | — |
| 15 | H40BS15 | 2.65 | 2.405 | 7/8 | 0.53 | 1/2* | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | — | — | — | — |
| 16 | H40BS16 | 2.81 | 2.563 | 7/8 | 0.66 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | — | — | — | — |
| 17 | H40BS17 | 2.98 | 2.721 | 1 | 0.88 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | — | — | — | — |
| 18 | H40BS18 | 3.14 | 2.879 | 1 | 1.03 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | — | — |
| 19 | H40BS19 | 3.30 | 3.038 | 1 | 1.17 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | — | — |
| 20 | H40BS20 | 3.46 | 3.196 | 1 | 1.33 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | — | — |
| 21 | H40BS21 | 3.62 | 3.355 | 1 | 1.53 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | — | — |
| 22 | H40BS22 | 3.78 | 3.513 | 1 | 1.66 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | — | — |
| 23 | H40BS23 | 3.94 | 3.672 | 1 | 1.92 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | — | — |
| 24 | H40BS24 | 4.10 | 3.831 | 1 | 2.10 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | 1-3/8 | 1-7/16 | 1-1/2 | — | — |
| 25 | H40BS25 | 4.26 | 3.989 | 1 | 2.22 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 26 | H40BS26 | 4.42 | 4.148 | 1 | 2.34 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 27 | H40BS27 | 4.58 | 4.307 | 1 | 2.42 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 28 | H40BS28 | 4.74 | 4.465 | 1 | 2.50 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 29 | H40BS29 | 4.90 | 4.625 | 1 | 2.60 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 30 | H40BS30 | 5.06 | 4.783 | 1 | 2.70 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 31 | 40BS31 | 5.22 | 4.942 | 1 | 2.88 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 32 | 40BS32 | 5.38 | 5.101 | 1 | 3.00 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 33 | 40BS33 | 5.54 | 5.260 | 1 | 3.03 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 34 | 40BS34 | 5.70 | 5.419 | 1 | 3.11 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 35 | 40BS35 | 5.86 | 5.578 | 1 | 3.20 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 36 | 40BS36 | 6.02 | 5.737 | 1 | 3.39 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 37 | 40BS37 | 6.18 | 5.896 | 1 | 3.45 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 38 | 40BS38 | 6.33 | 6.055 | 1 | 3.50 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 39 | 40BS39 | 6.49 | 6.214 | 1 | 4.00 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 40 | 40BS40 | 6.65 | 6.373 | 1-1/8 | 4.28 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 41 | 40BS41 | 6.81 | 6.532 | 1-1/8 | 4.58 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 42 | 40BS42 | 6.97 | 6.691 | 1-1/8 | 4.64 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 43 | 40BS43 | 7.13 | 6.850 | 1-1/8 | 4.80 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 44 | 40BS44 | 7.29 | 7.009 | 1-1/8 | 4.96 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 45 | 40BS45 | 7.45 | 7.168 | 1-1/8 | 5.06 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 46 | 40BS46 | 7.61 | 7.327 | 1-1/8 | 5.19 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 47 | 40BS47 | 7.77 | 7.486 | 1-1/8 | 5.26 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 48 | 40BS48 | 7.93 | 7.645 | 1-1/8 | 5.66 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 49 | 40BS49 | 8.09 | 7.804 | 1-1/8 | 5.72 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 50 | 40BS50 | 8.25 | 7.963 | 1-1/8 | 5.78 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 51 | 40BS51 | 8.41 | 8.122 | 1-1/8 | 5.90 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 52 | 40BS52 | 8.57 | 8.281 | 1-1/8 | 5.94 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 53 | 40BS53 | 8.73 | 8.440 | 1-1/8 | 6.12 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 54 | 40BS54 | 8.89 | 8.599 | 1-1/8 | 6.24 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 55 | 40BS55 | 9.04 | 8.758 | 1-1/8 | 6.66 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 56 | 40BS56 | 9.20 | 8.917 | 1-1/8 | 6.71 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 57 | 40BS57 | 9.36 | 9.077 | 1-1/8 | 6.94 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 58 | 40BS58 | 9.52 | 9.235 | 1-1/8 | 7.17 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 59 | 40BS59 | 9.68 | 9.395 | 1-1/8 | 7.38 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 60 | 40BS60 | 9.84 | 9.554 | 1-1/8 | 7.68 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 70 | 40BS70 | 11.43 | 11.145 | 1-1/4 | 10.80 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 72 | 40BS72 | 11.75 | 11.463 | 1-1/4 | 11.30 | — | 5/8 | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 80 | 40BS80 | 13.03 | 12.736 | 1-1/4 | 13.20 | — | — | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 84 | 40BS84 | 13.66 | 13.372 | 1-1/4 | 13.84 | — | — | 3/4 | 7/8 | 1 | 1-1/8 | 1-3/16 | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 96 | 40BS96 | 15.57 | 15.282 | 1-1/4 | 17.44 | — | — | — | — | 1 | 1-1/8 | — | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |
| 112 | 40BS112 | 18.12 | 17.827 | 1-1/4 | 22.45 | — | — | — | — | 1 | 1-1/8 | — | 1-1/4 | — | 1-7/16 | 1-1/2 | — | — |



Sprockets with "H" prefix have hardened teeth.
*Indicates no keyway.