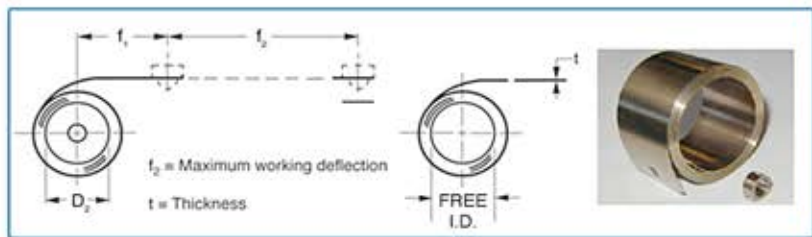


Stock Constant Force Spring Selection Chart

Material: 301 Stainless Steel
Dimensions shown in inches

The constant force springs listed below are available in small quantities from our stocking distributor, **Stock Drive Products (SDP)**, or in larger quantities direct from our factory. For engineers and designers involved in prototype development, who may require quick delivery of small quantities, click on part numbers below to be directed to a page within the Stock Drive Components website.

| Part Number | Load (lbs.) | Max. Work Deflection | Band Length | Fatigue Life (cycles) | Width | Free I.D. | Thickness |
|----------------|----------------|-------------------------|----------------|--------------------------|-------|--------------|-----------|
| A 3X50-SL04D16 | 0.23 | 12" | 16" | 20,000 | 0.250 | 0.516 | 0.004 |
| A 3X50-SK04D15 | 0.32 | 12" | 15" | 13,000 | 0.250 | 0.438 | 0.004 |
| A 3X50-SL05E17 | 0.36 | 12" | 17" | 20,000 | 0.313 | 0.656 | 0.005 |
| A 3X50-SH03C10 | 0.37 | 8" | 10" | 2,500 | 0.188 | 0.219 | 0.003 |
| A 3X50-SK04E15 | 0.40 | 12" | 15" | 13,000 | 0.313 | 0.438 | 0.004 |
| A 3X50-SL05F30 | 0.43 | 25" | 30" | 20,000 | 0.375 | 1.000 | 0.005 |
| A 3X50-SH04C14 | 0.49 | 12" | 14" | 2,500 | 0.188 | 0.297 | 0.004 |
| A 3X50-SK05E16 | 0.49 | 12" | 16" | 13,000 | 0.313 | 0.563 | 0.005 |
| A 3X50-SL06F24 | 0.52 | 18" | 24" | 20,000 | 0.375 | 0.781 | 0.006 |
| A 3X50-SH04D14 | 0.66 | 12" | 14" | 2,500 | 0.250 | 0.297 | 0.004 |
| A 3X50-SL06G24 | 0.70 | 18" | 24" | 20,000 | 0.500 | 0.781 | 0.006 |
| A 3X50-SK06F23 | 0.71 | 18" | 23" | 13,000 | 0.375 | 0.672 | 0.006 |
| A 3X50-SH04E14 | 0.83 | 12" | 14" | 2,500 | 0.313 | 0.297 | 0.004 |
| A 3X50-SL08G31 | 0.93 | 24" | 31" | 20,000 | 0.500 | 1.047 | 0.008 |
| A 3X50-SK06G23 | 0.95 | 18" | 23" | 13,000 | 0.500 | 0.672 | 0.006 |
| A 3X50-SH05E15 | 1.03 | 12" | 15" | 2,500 | 0.313 | 0.359 | 0.005 |
| A 3X50-SK08G30 | 1.26 | 24" | 30" | 13,000 | 0.500 | 0.875 | 0.008 |
| A 3X50-SL10J33 | 1.46 | 24" | 33" | 20,000 | 0.625 | 1.328 | 0.010 |
| A 3X50-SH06F21 | 1.48 | 18" | 21" | 2,500 | 0.375 | 0.438 | 0.006 |
| A 3X50-SK08J30 | 1.58 | 24" | 30" | 13,000 | 0.625 | 0.875 | 0.008 |
| A 3X50-SH06G21 | 1.97 | 18" | 21" | 2,500 | 0.500 | 0.438 | 0.006 |
| A 3X50-SK10J32 | 1.98 | 24" | 32" | 13,000 | 0.625 | 1.109 | 0.010 |
| A 3X50-SL12K42 | 2.09 | 30" | 42" | 20,000 | 0.750 | 1.578 | 0.012 |
| A 3X50-SK10K32 | 2.37 | 24" | 32" | 13,000 | 0.750 | 1.109 | 0.010 |
| A 3X50-SH08G28 | 2.63 | 24" | 28" | 2,500 | 0.500 | 0.578 | 0.008 |
| A 3X50-SL12P42 | 2.80 | 30" | 42" | 20,000 | 1.000 | 1.578 | 0.012 |
| A 3X50-SK12K40 | 2.84 | 30" | 40" | 13,000 | 0.750 | 1.344 | 0.012 |
| A 3X50-SH08J28 | 3.29 | 24" | 28" | 2,500 | 0.625 | 0.578 | 0.008 |
| A 3X50-SL15P46 | 3.50 | 30" | 46" | 20,000 | 1.000 | 1.984 | 0.015 |
| A 3X50-SK12P40 | 3.79 | 30" | 40" | 13,000 | 1.000 | 1.344 | 0.012 |
| A 3X50-SH10J29 | 4.12 | 24" | 29" | 2,500 | 0.625 | 0.734 | 0.010 |
| A 3X50-SL15R46 | 4.37 | 30" | 46" | 20,000 | 1.250 | 1.984 | 0.015 |
| A 3X50-SK15P42 | 4.74 | 30" | 42" | 13,000 | 1.000 | 1.672 | 0.015 |
| A 3X50-SH10K29 | 4.95 | 24" | 29" | 2,500 | 0.750 | 0.734 | 0.010 |
| A 3X50-SK18P47 | 5.69 | 32" | 47" | 13,000 | 1.000 | 2.000 | 0.018 |
| A 3X50-SL20R54 | 5.83 | 36" | 54" | 20,000 | 1.250 | 2.625 | 0.020 |
| A 3X50-SH12K36 | 5.94 | 30" | 36" | 2,500 | 0.750 | 0.875 | 0.012 |
| A 3X50-SL20S54 | 6.99 | 36" | 54" | 20,000 | 1.500 | 2.625 | 0.020 |
| A 3X50-SH12P36 | 7.92 | 30" | 36" | 2,500 | 1.000 | 0.875 | 0.012 |
| A 3X50-SL25S59 | 8.74 | 36" | 59" | 20,000 | 1.500 | 3.297 | 0.025 |
| A 3X50-SK20S52 | 9.48 | 36" | 52" | 13,000 | 1.500 | 2.219 | 0.020 |
| A 3X50-SH16P38 | 10.60 | 30" | 38" | 2,500 | 1.000 | 1.156 | 0.016 |
| A 3X50-SL25U59 | 11.70 | 36" | 59" | 20,000 | 2.000 | 3.297 | 0.025 |
| A 3X50-SK25S57 | 11.90 | 36" | 57" | 13,000 | 1.500 | 2.781 | 0.020 |
| A 3X50-SL31U69 | 14.40 | 42" | 69" | 20,000 | 2.000 | 4.078 | 0.031 |
| A 3X50-SK25U57 | 15.80 | 36" | 57" | 13,000 | 2.000 | 2.781 | 0.025 |
| A 3X50-SH20R47 | 16.50 | 36" | 47" | 2,500 | 1.250 | 1.469 | 0.020 |
| A 3X50-SK31U68 | 19.60 | 42" | 68" | 13,000 | 2.000 | 3.438 | 0.031 |
| A 3X50-SH20S47 | 19.80 | 36" | 47" | 2,500 | 1.500 | 1.469 | 0.020 |
| A 3X50-SH25S48 | 24.80 | 36" | 48" | 2,500 | 1.500 | 1.828 | 0.025 |
| A 3X50-SH25U48 | 33.00 | 36" | 48" | 2,500 | 2.000 | 1.828 | 0.025 |
| A 3X50-SH31U58 | 40.90 | 42" | 58" | 2,500 | 2.000 | 2.266 | 0.031 |



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www.springcompany.com
sales@springcompany.com
ph: 215-368-7700 • fx: 215-368-9019