



# spring selection chart

NOTE: Approx. I.D. = Inner diameter

NOTE: Spring free length is given as an aid to identification only. Variations of  $\pm 1/2"$ , although unlikely, can occur. This variation will not effect the spring range.

| Model Number       | Part Number   | Color Code   | Outlet Pressure  | Approx. I.D. | Approx. Length  |
|--------------------|---|--|--|--------------|---|
| ADJUSTABLE MODELS: |   |  | INCHES W.C.  | INCHES       | INCHES  |
| RV12L              | R1210T-13<br>R1210T-35*<br>R1210T-48<br>R1210T-610<br>R1210T-812                                    | Brown<br>Plated<br>Orange<br>Red<br>Blue                   | 1.0 to 3.5<br>2.8 to 5.2<br>4.0 to 8.0<br>6.0 to 10<br>8.0 to 12                           | 3/8          | 9/16<br>3/4<br>3/4<br>7/8<br>1                            |
| RV20L              | R2010-13<br>R2010-35*<br>R2010-48<br>R2010-610<br>R2010-812<br>R2010-912                            | Brown<br>Plated<br>Orange<br>Red<br>Blue<br>Plated         | 1.0 to 3.5<br>2.8 to 5.2<br>4.0 to 8<br>6.0 to 10<br>8.0 to 12<br>9.0 to 12                | 7/16         | 13/16<br>1-1/16<br>15/16<br>1<br>1-1/8<br>1-9/16          |
| RV20LT             | R2010T-35*<br>R2010T-48<br>R2010T-610<br>R2010T-812   | Plated<br>Orange<br>Red<br>Blue                            | 2.8 to 5.2<br>4.0 to 8.0<br>6.0 to 10<br>8.0 to 12   | 7/16         | 1-1/16<br>15/16<br>1<br>1-1/8                             |
| RV47AD<br>RV47AL   | R4710-4<br>R4710-5<br>R4710-6<br>R4710-10   | Black<br>Green<br>Red<br>Blue                              | 3.8 to 4.3<br>4.7 to 5.3<br>5.6 to 6.4<br>9.7 to 11.3                                      | 9/16         | 1-3/4<br>1-13/16<br>1-13/16<br>1-11/16                    |
| RV47D<br>RV47L     | R4710-13<br>R4710-35*<br>R4710-48<br>R4710-412<br>R4710-610<br>R4710-812                            | Brown<br>Plated<br>Orange<br>Violet<br>Red<br>Blue         | 1.0 to 3.5<br>2.8 to 5.2<br>4.0 to 8.0<br>4.0 to 12<br>6.0 to 10<br>8.0 to 12              | 9/16         | 7/8<br>1-1/4<br>1-5/16<br>1-1/16<br>1-7/16<br>1-1/2       |
| RV48               | R4810-13<br>R4810-36*<br>R4810-48<br>R4810-610<br>R4810-512   | Brown<br>Plated<br>Orange<br>Red<br>Blue                   | 1.0 to 3.5<br>3.0 to 6.0<br>4.0 to 8.0<br>6.0 to 10<br>5.0 to 12                           | 9/16         | 15/16<br>1-3/16<br>1-1/8<br>1-1/2<br>1-3/16               |
| RV48T              | R4810T-36*<br>R4810T-48<br>R4810T-512<br>R4810T-610   | S Steel<br>Orange<br>Blue<br>Red                           | 3.0 to 6.0<br>4.0 to 8.0<br>5.0 to 12<br>6.0 to 10   | 9/16         | 1-3/16<br>1-1/8<br>1-3/16<br>1-1/2                        |
| R400<br>R400S      | R400B10-13<br>R400B10-25<br>R400B10-36*<br>R400B10-38<br>R400B10-412<br>R400B10-512<br>R400B10-1022 | Brown<br>Plated<br>Plated<br>Pink<br>Violet<br>Blue<br>Red | 1.0 to 3.5<br>2.0 to 5.0<br>3.0 to 6.0<br>3.0 to 8.0<br>4.0 to 12<br>5.0 to 12<br>10 to 22 | 3/8          | 1-1/4<br>1-9/16<br>2<br>1-9/16<br>1-1/2<br>1-7/8<br>1-3/4 |

\* Standard Spring

| Model Number          | Part Number  | Color Code  | Outlet Pressure   | Approx. I.D. | Approx. Length   |
|-----------------------|--|---|---|--------------|--|
| ADJUSTABLE MODELS:    |  |   | INCHES W.C.   | INCHES       | INCHES   |
| RV52<br>R500<br>R500S | R5210-13<br>R5210-25<br>R5210-36*<br>R5210-38<br>R5210-48<br>R5210-412<br>R5210-512                            | Brown<br>Plated<br>Plated<br>Pink<br>Orange<br>Violet<br>Blue                 | 1.0 to 3.5<br>2.0 to 5.0<br>3.0 to 6.0<br>3.0 to 8.0<br>4.0 to 8.0<br>4.0 to 12<br>5.0 to 12                          | 9/16         | 2<br>2-9/16<br>2-7/8<br>2-9/16<br>3-1/8<br>2-1/2<br>2-15/16                        |
| R500<br>R500S         | R5210-1022   | Red   | 10 to 22  | 9/16         | 2-13/16  |
| RV53<br>R600<br>R600S | R5310-13<br>R5310-25<br>R5310-36*<br>R5310-38<br>R5310-48<br>R5310-412<br>R5310-512                            | Brown<br>Plated<br>Plated<br>Pink<br>Orange<br>Violet<br>Blue                 | 1.0 to 3.5<br>2.0 to 5.0<br>3.0 to 6.0<br>3.0 to 8.0<br>4.0 to 8.0<br>4.0 to 12<br>5.0 to 12                          | 5/8          | 2-5/8<br>2-15/16<br>3-3/8<br>3-1/16<br>3-5/8<br>3-1/16<br>3-7/16                   |
| R600<br>R600S         | R5310-1022<br>R5310-1530   | Red<br>Yellow   | 10 to 22<br>15 to 30  | 5/8          | 3-1/4<br>3-1/2   |
| RV61                  | R6110-13<br>R6110-25<br>R6110-36*<br>R6110-38<br>R6110-48<br>R6110-512<br>R6110-1022                           | Brown<br>Plated<br>Plated<br>Pink<br>Orange<br>Blue<br>Red                    | 1.0 to 3.5<br>2.0 to 5.0<br>3.0 to 6.0<br>3.0 to 8.0<br>4.0 to 8.0<br>5.0 to 12<br>10 to 22                           | 3/4          | 2-5/8<br>3-1/4<br>3-1/2<br>3-1/8<br>3-9/16<br>3-9/16<br>3-1/2                      |
| RV81<br>210D          | R8110-13<br>R8110-25<br>R8110-36*<br>R8110-38<br>R8110-48<br>R8110-412<br>R8110-512<br>R8110-515<br>R8110-1022 | Brown<br>Plated<br>Plated<br>Pink<br>Orange<br>Violet<br>Blue<br>Green<br>Red | 1.0 to 3.5<br>2.0 to 5.0<br>3.0 to 6.0<br>3.0 to 8.0<br>4.0 to 8.0<br>4.0 to 12<br>5.0 to 12<br>5.0 to 15<br>10 to 22 | 7/8          | 3-1/8<br>3-13/16<br>4-5/16<br>3-7/8<br>4-1/2<br>3-3/4<br>4-1/16<br>3-3/4<br>4-5/16 |
| 210D                  | R8110-1530<br>R8110-2042   | Yellow<br>Black   | 15 to 30<br>20 to 42  | 7/8          | 4-1/2<br>4-5/16  |
| RV91<br>210E          | R9110-13<br>R9110-25<br>R9110-36*<br>R9110-38<br>R9110-48<br>R9110-412<br>R9110-512<br>R9110-515<br>R9110-1022 | Brown<br>Plated<br>Plated<br>Pink<br>Orange<br>Violet<br>Blue<br>Green<br>Red | 1.0 to 3.5<br>2.0 to 5.0<br>3.0 to 6.0<br>3.0 to 8.0<br>4.0 to 8.0<br>4.0 to 12<br>5.0 to 12<br>5.0 to 15<br>10 to 22 | 1-1/8        | 4<br>4-15/16<br>5-3/4<br>5-1/16<br>5-15/16<br>5-1/16<br>5-1/2<br>5-1/8<br>5-5/8    |
| 210E                  | R9110-1530<br>R9110-2042   | Yellow<br>Black   | 15 to 30<br>20 to 42  | 1-1/8        | 5-7/8<br>5-3/4   |

## CONVERSION TABLE:

NOTE: For certain customers who order with prior 3-character alpha-numeric designation - equivalent to numeric suffix as in current part number column. (e.g. LO1 = 13, or 1.0 to 3.5 outlet pressure)

LO1 = 13      S02 = 515      S04 = 38      H01 = 512      H03 = 1530  
 STD = 36      S01 = 48      S03 = 25      S05 = 412      H02 = 1022      H04 = 2042

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| Model Number              | Part Number   | Color Code  | Outlet Pressure   | Approx. I.D.  | Approx. Length   |
|---------------------------|---|---|---|---------------|--|
| <b>ADJUSTABLE MODELS:</b> |   |   |   |               |  |
|                           |   |   | <b>INCHES W.C.</b>  | <b>INCHES</b> | <b>INCHES</b>  |
| RV111<br>210G             | R11110-13<br>R11110-25<br>R11110-36*<br>R11110-38<br>R11110-48<br>R11110-412<br>R11110-512<br>R11110-515<br>R11110-1022 | Brown<br>Plated<br>Plated<br>Pink<br>Orange<br>Violet<br>Blue<br>Green<br>Red | 1.0 to 3.5<br>2.0 to 5.0<br>3.0 to 6.0<br>3.0 to 8.0<br>4.0 to 8.0<br>4.0 to 12<br>5.0 to 12<br>5.0 to 15<br>10 to 22 | 1-1/2         | 6-1/8<br>7-1/16<br>8-5/16<br>7-3/8<br>8-3/8<br>7-3/8<br>8-1/8<br>7-1/16<br>8-1/8 |
| 210G                      | R11110-1530<br>R11110-2042  | Yellow<br>Black   | 15 to 30<br>20 to 42  | 1-1/2         | 8-7/16<br>8-1/4  |
| RV131<br>210J             | R13110-25<br>R13110-36*<br>R13110-38<br>R13110-412<br>R13110-512<br>R13110-1022<br>R13110-1530<br>R13110-2042           | Plated<br>Plated<br>Pink<br>Violet<br>Blue<br>Red<br>Yellow<br>Black          | 2.0 to 5.0<br>3.0 to 6.0<br>3.0 to 8.0<br>4.0 to 12<br>5.0 to 12<br>10 to 22<br>15 to 30<br>20 to 42                  | 2-1/8         | 9-1/16<br>11-3/4<br>10-1/8<br>9-7/8<br>11-5/8<br>11-1/2<br>11-11/16<br>11-1/4    |
| 220D, E,<br>G & J         | R325C10-1022<br>R325C10-1530  | Tagged<br>Tagged  | 1 psi-3 psi<br>2 psi-5 psi  | 5/8           | 2-1/8<br>2-5/16  |
| 325-3                     | R325C10-26<br>R325C10-59<br>R325C10-412*<br>R325C10-711<br>R325C10-1022<br>R325C10-1530<br>R325C10-P12                  | Plated<br>Plated<br>Violet<br>White<br>Red<br>Yellow<br>Tagged                | 2.0 to 6.0<br>5.0 to 9.0<br>4.0 to 12<br>7.0 to 11<br>10 to 22<br>15 to 30<br>1psi-2psi                               | 5/8           | 1-3/4<br>2-5/16<br>1-3/4<br>2-5/8<br>2-1/8<br>2-5/16<br>2-5/16                   |
| 325-5A                    | R325E10-26A<br>R325E10-59A<br>R325E10-412A*<br>R325E10-711A<br>R325E10-1022A<br>R325E10-1530A<br>R325E10-P12A           | Plated<br>Plated<br>Violet<br>White<br>Red<br>Yellow<br>Tagged                | 2.0 to 6.0<br>5.0 to 9.0<br>4.0 to 12<br>7.0 to 11<br>10 to 22<br>15 to 30<br>1psi-2psi                               | 3/4           | 2-7/8<br>4-3/16<br>3-1/8<br>4<br>3-9/16<br>3-5/8<br>3-3/4                        |
| 325-7                     | R8110-25<br>R8110-412*<br>R8110-1022<br>R8110-1530<br>R8110-2042  | Plated<br>Violet<br>Red<br>Yellow<br>Black                                    | 2.0 to 5.0<br>4.0 to 12<br>10 to 22<br>15 to 30<br>20 to 42   | 7/8           | 3-13/16<br>3-3/4<br>4-5/16<br>4-1/2<br>4-5/16                                    |

\*Standard Spring

| Model Number              | Part Number                   | Max Min    | Color Code        | Outlet Pressure          | Approx. I.D.   | Approx. Length    |
|---------------------------|-------------------------------|------------|-------------------|--------------------------|----------------|-------------------|
| <b>ADJUSTABLE MODELS:</b> |                               |            |                   |                          |                |                   |
|                           |                               |            |                   | <b>INCHES W.C.</b>       | <b>INCHES</b>  | <b>INCHES</b>     |
| MR410<br>SR400            | SR400B10H<br>MR410B10L        | Max<br>Min | S Steel<br>Plated | 3.0 to 5.0<br>0.3 to 1.2 |                | 1-5/16<br>7/8     |
|                           | SR400B10H-1<br>MR410B10L      | Max<br>Min | White<br>Plated   | 2.5 to 3.5<br>0.3 to 1.2 |                | 1<br>7/8          |
|                           | SR400B10H<br>MR410B10L-1      | Max<br>Min | S Steel<br>Blue   | 4.0 to 6.0<br>1.0 to 2.8 | 5/16<br>1-1/16 | 1-5/16<br>1-1/16  |
|                           | SR400B10H-1<br>MR410B10L-1-11 | Max<br>Min | White<br>Blue     | 3.0 to 5.0<br>1.0 to 2.8 |                | 1<br>1-1/16       |
|                           | SR400B10L-4                   | Min        | Black             | 2.5 to 4.0               |                | 1-3/16            |
| SR400-2**                 | SR400B10H-2                   | Max        | Blue              | 7.5 to 12.0              | 5/16           | 1-1/2             |
| M450                      | SR400B10L-4                   | Min        | Black             | 2.5 to 4.0               | 1-1/16         | 1-3/16            |
| MR510<br>SR500            | SR500B10H<br>MR510B10L        | Max<br>Min | S Steel<br>Plated | 3.0 to 5.0<br>0.3 to 1.2 |                | 1-9/16<br>1-1/16  |
|                           | SR500B10H-1<br>MR510B10L      | Max<br>Min | White<br>Plated   | 1.5 to 3.5<br>0.3 to 1.2 | 7/16<br>1 5/8  | 1-1/16<br>1-1/16  |
|                           | SR500B10H<br>MR510B10L-1      | Max<br>Min | S Steel<br>Blue   | 3.5 to 6.0<br>1.0 to 2.8 |                | 1-9/16<br>1-1/4   |
|                           | SR500B10H-1<br>MR510B10L-1    | Max<br>Min | White<br>Blue     | 2.0 to 4.5<br>1.0 to 2.8 |                | 1-1/16<br>1-1/4   |
| SR500-2***                | SR500B10L-2                   | Max        | Black             | 7.5 to 12.0              | 7/16           | 2-1/4             |
| M550                      | MR510B10L<br>MR510B10L-1      | Min<br>Min | S Steel<br>Blue   | 0.3 to 7.2<br>1.0 to 2.8 | 7/16           | 1-1/16<br>1-1/4   |
| MR610<br>SR600            | SR600B10H<br>MR610B10L        | Max<br>Min | S Steel<br>Plated | 3.0 to 5.0<br>0.3 to 1.2 |                | 2<br>1-9/16       |
|                           | SR600B10H-1<br>MR610B10L      | Max<br>Min | White<br>Plated   | 2.5 to 4.0<br>0.3 to 1.2 | 5/8<br>2-1/8   | 1-1/2<br>1-9/16   |
|                           | SR600B10H<br>MR610B10L-1      | Max<br>Min | S Steel<br>Blue   | 4.0 to 6.0<br>1.0 to 2.8 |                | 2<br>1-13/16      |
|                           | SR600B10H-1<br>MR610B10L-1    | Max<br>Min | White<br>Blue     | 3.0 to 5.5<br>1.0 to 2.8 |                | 1-1/2<br>1-13/16  |
| M650                      | MR610B10L<br>MR610B10L-1      | Min<br>Min | Plated<br>Blue    | 0.3 to 1.2<br>.2 to 2.0  | 2-1/8<br>2-1/8 | 1-9/16<br>1-13/16 |

\*\* L.P. - May be used with any minimum spring

| Model Number                 | Part Number            | How Used            | Color Code      | Approx. I.D.    | Approx. Length  |
|------------------------------|------------------------|---------------------|-----------------|-----------------|-----------------|
| <b>ZERO GOVERNOR MODELS:</b> |                        |                     |                 |                 |                 |
|                              |                        |                     |                 | <b>INCHES</b>   | <b>INCHES</b>   |
| R400SZ                       | R400B10-13<br>R400B10Z | Regulate<br>Counter | Brown<br>Plated | 3/8<br>1/2      | 1-1/4<br>3/4    |
| R500SZ                       | R5210-13<br>R500B10Z   | Regulate<br>Counter | Brown<br>Plated | 9/16<br>7/16    | 2<br>2          |
| R600SZ                       | R5310-13<br>R600B10Z   | Regulate<br>Counter | Brown<br>Plated | 5/8<br>5/8      | 2-5/8<br>2-5/8  |
| 210DZ                        | R8110-13<br>R210D10Z   | Regulate<br>Counter | Brown<br>Plated | 7/8<br>1        | 3-1/8<br>3-3/8  |
| 210EZ                        | R9110-13<br>R210E10Z   | Regulate<br>Counter | Brown<br>Plated | 1-1/8<br>1-7/16 | 4<br>4-3/4      |
| 210GZ                        | R11110-13<br>R210G10Z  | Regulate<br>Counter | Brown<br>Plated | 1-1/2<br>2-1/16 | 6-1/8<br>6-3/4  |
| 210JZ                        | R13110-25<br>R210J10Z  | Regulate<br>Counter | Brown<br>Plated | 2-1/8<br>2-7/8  | 9-1/16<br>9-1/4 |

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