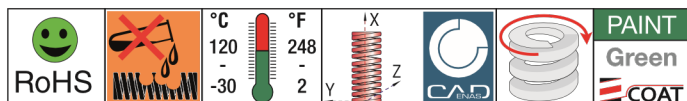
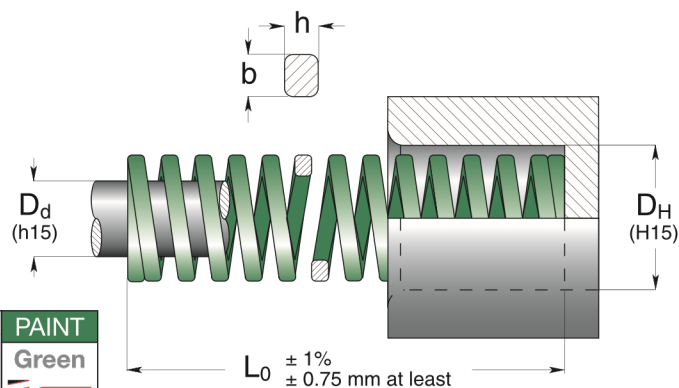


**IT** Molle carico leggero  
**EN** Light load springs  
**DE** Federn für normale Spannung  
**FR** Ressorts charge légère  
**ES** Muelles carga ligera  
**PT** Molas carga leve



| Code       | D <sub>H</sub> | D <sub>d</sub> | L <sub>0</sub> | R               |  A |  B |  C |  D |  E                  |  |
|------------|----------------|----------------|----------------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|            | Hole Diameter  | Rod Diameter   | Free Length    | Spring Constant | 25% L <sub>0</sub>                                                                  | 30% L <sub>0</sub>                                                                  | 35% L <sub>0</sub>                                                                  | 40% L <sub>0</sub>                                                                    |  approx. do not use |                                                                                     |
|            | b x h          |                |                | ± 10%           | + 3.000.000                                                                         | ~ 1.500.000                                                                         | 300 - 500.000                                                                       | 100 - 200.000                                                                         |                                                                                                        | Pcs                                                                                 |
|            | mm             | mm             | mm             | N/mm            | mm N                                                                                | mm N                                                                                | mm N                                                                                | mm N                                                                                  | mm                                                                                                     |                                                                                     |
| V 10 - 025 | 10             | 5              | 25             | 10              | 6.3 63                                                                              | 7.5 75                                                                              | 8.8 88                                                                              | 10.0 100                                                                              | 13.5                                                                                                   | 50                                                                                  |
| V 10 - 032 |                |                | 32             | 8.5 68          | 9.6 82                                                                              | 11.2 95                                                                             | 12.8 109                                                                            | 17.5                                                                                  | 50                                                                                                     |                                                                                     |
| V 10 - 038 |                |                | 38             | 6.8 65          | 11.4 78                                                                             | 13.3 90                                                                             | 15.2 103                                                                            | 20.8                                                                                  | 50                                                                                                     |                                                                                     |
| V 10 - 044 |                |                | 44             | 6.0 66          | 13.2 79                                                                             | 15.4 92                                                                             | 17.6 106                                                                            | 23.9                                                                                  | 50                                                                                                     |                                                                                     |
| V 10 - 051 |                |                | 51             | 5.0 64          | 15.3 77                                                                             | 17.9 89                                                                             | 20.4 102                                                                            | 28.9                                                                                  | 25                                                                                                     |                                                                                     |
| V 10 - 064 |                |                | 64             | 4.3 69          | 19.2 83                                                                             | 22.4 96                                                                             | 25.6 110                                                                            | 36.1                                                                                  | 25                                                                                                     |                                                                                     |
| V 10 - 076 |                |                | 76             | 3.2 61          | 22.8 73                                                                             | 26.6 85                                                                             | 30.4 97                                                                             | 43.2                                                                                  | 25                                                                                                     |                                                                                     |
| V 10 - 305 | 1.7 x 1.1      |                | 305            | 1.1 76.3        | 84 91.5                                                                             | 101 107                                                                             | 117 122                                                                             | 134 178                                                                               | 10                                                                                                     |                                                                                     |
| V 13 - 025 | 12.5           | 6.3            | 25             | 17.9            | 6.3 113                                                                             | 7.5 134                                                                             | 8.8 157                                                                             | 10.0 179                                                                              | 13.2                                                                                                   | 50                                                                                  |
| V 13 - 032 |                |                | 32             | 16.4 8.0 131    | 9.6 157                                                                             | 11.2 184                                                                            | 12.8 210                                                                            | 18.0                                                                                  | 50                                                                                                     |                                                                                     |
| V 13 - 038 |                |                | 38             | 13.6 9.5 129    | 11.4 155                                                                            | 13.3 181                                                                            | 15.2 207                                                                            | 21.0                                                                                  | 50                                                                                                     |                                                                                     |
| V 13 - 044 |                |                | 44             | 12.1 11.0 133   | 13.2 160                                                                            | 15.4 186                                                                            | 17.6 213                                                                            | 24.0                                                                                  | 25                                                                                                     |                                                                                     |
| V 13 - 051 |                |                | 51             | 11.4 12.8 146   | 15.3 174                                                                            | 17.9 203                                                                            | 20.4 233                                                                            | 28.7                                                                                  | 25                                                                                                     |                                                                                     |
| V 13 - 064 |                |                | 64             | 9.3 16.0 149    | 19.2 179                                                                            | 22.4 208                                                                            | 25.6 238                                                                            | 35.8                                                                                  | 25                                                                                                     |                                                                                     |
| V 13 - 076 |                |                | 76             | 7.1 19.0 135    | 22.8 162                                                                            | 26.6 189                                                                            | 30.4 216                                                                            | 42.7                                                                                  | 25                                                                                                     |                                                                                     |
| V 13 - 089 | 2.4 x 1.4      |                | 89             | 5.4 22.3 120    | 26.7 144                                                                            | 31.2 168                                                                            | 35.6 192                                                                            | 50.4                                                                                  | 20                                                                                                     |                                                                                     |
| V 13 - 102 |                |                | 102            | 4.1 25.5 105    | 30.6 125                                                                            | 35.7 146                                                                            | 40.8 167                                                                            | 58.4                                                                                  | 10                                                                                                     |                                                                                     |
| V 13 - 305 |                |                | 305            | 1.4 76.3 107    | 91.5 128                                                                            | 107 149                                                                             | 122 171                                                                             | 172 10                                                                                |                                                                                                        |                                                                                     |
| V 16 - 025 | 16             | 8              | 25             | 23.4            | 6.3 147                                                                             | 7.5 176                                                                             | 8.8 205                                                                             | 10.0 234                                                                              | 12.6                                                                                                   | 50                                                                                  |
| V 16 - 032 |                |                | 32             | 22.9 8.0 183    | 9.6 220                                                                             | 11.2 256                                                                            | 12.8 293                                                                            | 16.4                                                                                  | 50                                                                                                     |                                                                                     |
| V 16 - 038 |                |                | 38             | 19.3 9.5 183    | 11.4 220                                                                            | 13.3 257                                                                            | 15.2 293                                                                            | 19.7                                                                                  | 25                                                                                                     |                                                                                     |
| V 16 - 044 |                |                | 44             | 17.1 11.0 188   | 13.2 226                                                                            | 15.4 263                                                                            | 17.6 301                                                                            | 22.5                                                                                  | 25                                                                                                     |                                                                                     |
| V 16 - 051 |                |                | 51             | 15.7 12.8 201   | 15.3 240                                                                            | 17.9 280                                                                            | 20.4 320                                                                            | 26.3                                                                                  | 25                                                                                                     |                                                                                     |
| V 16 - 064 |                |                | 64             | 10.7 16.0 171   | 19.2 205                                                                            | 22.4 240                                                                            | 25.6 274                                                                            | 33.3                                                                                  | 25                                                                                                     |                                                                                     |
| V 16 - 076 |                |                | 76             | 10.0 19.0 190   | 22.8 228                                                                            | 26.6 266                                                                            | 30.4 304                                                                            | 40.2                                                                                  | 20                                                                                                     |                                                                                     |
| V 16 - 089 | 3.2 x 1.5      |                | 89             | 8.6 22.3 192    | 26.7 230                                                                            | 31.2 268                                                                            | 35.6 306                                                                            | 47.6                                                                                  | 20                                                                                                     |                                                                                     |
| V 16 - 102 |                |                | 102            | 7.8 25.5 199    | 30.6 239                                                                            | 35.7 278                                                                            | 40.8 318                                                                            | 55.4                                                                                  | 20                                                                                                     |                                                                                     |
| V 16 - 115 |                |                | 115            | 6.6 28.8 190    | 34.5 228                                                                            | 40.3 266                                                                            | 46.0 304                                                                            | 60.8                                                                                  | 10                                                                                                     |                                                                                     |
| V 16 - 305 |                |                | 305            | 2.5 76.3 191    | 91.5 229                                                                            | 107 267                                                                             | 122 305                                                                             | 165 10                                                                                |                                                                                                        |                                                                                     |
| V 20 - 025 | 20             | 10             | 25             | 55.8            | 6.3 352                                                                             | 7.5 419                                                                             | 8.8 488                                                                             | 10.0 558                                                                              | 12.1                                                                                                   | 50                                                                                  |
| V 20 - 032 |                |                | 32             | 45.0 8.0 360    | 9.6 432                                                                             | 11.2 504                                                                            | 12.8 576                                                                            | 15.3                                                                                  | 50                                                                                                     |                                                                                     |
| V 20 - 038 |                |                | 38             | 33.3 9.5 316    | 11.4 380                                                                            | 13.3 443                                                                            | 15.2 506                                                                            | 18.9                                                                                  | 25                                                                                                     |                                                                                     |
| V 20 - 044 |                |                | 44             | 30.0 11.0 330   | 13.2 396                                                                            | 15.4 462                                                                            | 17.6 528                                                                            | 21.5                                                                                  | 25                                                                                                     |                                                                                     |
| V 20 - 051 |                |                | 51             | 24.5 12.8 314   | 15.3 375                                                                            | 17.9 437                                                                            | 20.4 500                                                                            | 25.0                                                                                  | 25                                                                                                     |                                                                                     |
| V 20 - 064 |                |                | 64             | 20.0 16.0 320   | 19.2 384                                                                            | 22.4 448                                                                            | 25.6 512                                                                            | 31.1                                                                                  | 25                                                                                                     |                                                                                     |
| V 20 - 076 |                |                | 76             | 16.0 19.0 304   | 22.8 365                                                                            | 26.6 426                                                                            | 30.4 486                                                                            | 37.3                                                                                  | 25                                                                                                     |                                                                                     |
| V 20 - 089 | 4.0 x 2.1      |                | 89             | 14.0 22.3 312   | 26.7 374                                                                            | 31.2 436                                                                            | 35.6 498                                                                            | 44.5                                                                                  | 20                                                                                                     |                                                                                     |
| V 20 - 102 |                |                | 102            | 12.0 25.5 306   | 30.6 367                                                                            | 35.7 428                                                                            | 40.8 490                                                                            | 51.1                                                                                  | 20                                                                                                     |                                                                                     |
| V 20 - 115 |                |                | 115            | 10.9 28.8 314   | 34.5 376                                                                            | 40.3 439                                                                            | 46.0 501                                                                            | 58.2                                                                                  | 10                                                                                                     |                                                                                     |
| V 20 - 127 |                |                | 127            | 9.5 31.8 302    | 38.1 362                                                                            | 44.5 422                                                                            | 50.8 483                                                                            | 64.9                                                                                  | 10                                                                                                     |                                                                                     |
| V 20 - 139 |                |                | 139            | 8.4 35.0 294    | 42.0 353                                                                            | 48.7 409                                                                            | 56.0 470                                                                            | 71.5                                                                                  | 10                                                                                                     |                                                                                     |
| V 20 - 152 |                |                | 152            | 7.5 38.0 285    | 45.6 342                                                                            | 53.2 399                                                                            | 60.8 456                                                                            | 78.8                                                                                  | 10                                                                                                     |                                                                                     |
| V 20 - 305 |                |                | 305            | 4.0 76.3 305    | 91.5 366                                                                            | 107 427                                                                             | 122 488                                                                             | 157 10                                                                                |                                                                                                        |                                                                                     |

| Code       | D <sub>H</sub> | D <sub>d</sub> | L <sub>0</sub> | R               | A                                                                                                    |                                                                                                      | B                                                                                                    |                                                                                                        | C                                                                                           |      | D    |      | E    |  |      |   |
|------------|----------------|----------------|----------------|-----------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|------|------|------|-------------------------------------------------------------------------------------|------|---|
|            | Hole Diameter  | Rod Diameter   | Free Length    | Spring Constant |  25% L <sub>0</sub> |  30% L <sub>0</sub> |  35% L <sub>0</sub> |  40% L <sub>0</sub> |  approx. |      |      |      |      |                                                                                     |      |   |
|            | b x h          |                |                | ± 10%           | + 3.000.000                                                                                          | ~ 1.500.000                                                                                          | 300 - 500.000                                                                                        | 100 - 200.000                                                                                          | do not use                                                                                  |      |      |      |      |                                                                                     |      |   |
|            | mm             | mm             | mm             | N/mm            | mm                                                                                                   | N                                                                                                    | mm                                                                                                   | N                                                                                                      | mm                                                                                          | N    | mm   | Pcs  |      |                                                                                     |      |   |
| V 25 - 025 | 25             | 12.5           | 25             | 100             | 6.3                                                                                                  | 630                                                                                                  | 7.5                                                                                                  | 750                                                                                                    | 8.8                                                                                         | 875  | 10.0 | 1000 | 11.9 | 50                                                                                  |      |   |
| V 25 - 032 |                |                | 32             | 80.3            | 8.0                                                                                                  | 642                                                                                                  | 9.6                                                                                                  | 771                                                                                                    | 11.2                                                                                        | 899  | 12.8 | 1028 | 16.0 | 25                                                                                  |      |   |
| V 25 - 038 |                |                | 38             | 62.0            | 9.5                                                                                                  | 589                                                                                                  | 11.4                                                                                                 | 707                                                                                                    | 13.3                                                                                        | 825  | 15.2 | 942  | 18.3 | 25                                                                                  |      |   |
| V 25 - 044 |                |                | 44             | 52.9            | 11.0                                                                                                 | 582                                                                                                  | 13.2                                                                                                 | 698                                                                                                    | 15.4                                                                                        | 815  | 17.6 | 931  | 21.4 | 25                                                                                  |      |   |
| V 25 - 051 |                |                | 51             | 44.0            | 12.8                                                                                                 | 563                                                                                                  | 15.3                                                                                                 | 673                                                                                                    | 17.9                                                                                        | 785  | 20.4 | 898  | 24.9 | 25                                                                                  |      |   |
| V 25 - 064 |                |                | 64             | 35.2            | 16.0                                                                                                 | 563                                                                                                  | 19.2                                                                                                 | 676                                                                                                    | 22.4                                                                                        | 788  | 25.6 | 901  | 31.4 | 25                                                                                  |      |   |
| V 25 - 076 |                |                | 76             | 28.0            | 19.0                                                                                                 | 532                                                                                                  | 22.8                                                                                                 | 638                                                                                                    | 26.6                                                                                        | 745  | 30.4 | 851  | 37.5 | 20                                                                                  |      |   |
| V 25 - 089 |                |                | 89             | 24.0            | 22.3                                                                                                 | 535                                                                                                  | 26.7                                                                                                 | 641                                                                                                    | 31.2                                                                                        | 748  | 35.6 | 854  | 43.5 | 20                                                                                  |      |   |
| V 25 - 102 |                |                | 102            | 21.1            | 25.5                                                                                                 | 538                                                                                                  | 30.6                                                                                                 | 646                                                                                                    | 35.7                                                                                        | 753  | 40.8 | 861  | 51.1 | 20                                                                                  |      |   |
| V 25 - 115 |                |                | 115            | 18.7            | 28.8                                                                                                 | 539                                                                                                  | 34.5                                                                                                 | 645                                                                                                    | 40.3                                                                                        | 753  | 46.0 | 860  | 58.1 | 10                                                                                  |      |   |
| V 25 - 127 |                |                | 127            | 16.7            | 31.8                                                                                                 | 531                                                                                                  | 38.1                                                                                                 | 636                                                                                                    | 44.5                                                                                        | 742  | 50.8 | 848  | 64.1 | 10                                                                                  |      |   |
| V 25 - 139 |                |                | 139            | 15.3            | 35.0                                                                                                 | 536                                                                                                  | 42.0                                                                                                 | 643                                                                                                    | 48.7                                                                                        | 744  | 56.0 | 857  | 70.4 | 10                                                                                  |      |   |
| V 25 - 152 |                |                | 152            | 14.0            | 38.0                                                                                                 | 532                                                                                                  | 45.6                                                                                                 | 638                                                                                                    | 53.2                                                                                        | 745  | 60.8 | 851  | 77.1 | 10                                                                                  |      |   |
| V 25 - 178 |                |                | 178            | 12.5            | 44.5                                                                                                 | 556                                                                                                  | 53.4                                                                                                 | 668                                                                                                    | 62.3                                                                                        | 779  | 71.2 | 890  | 93.1 | 10                                                                                  |      |   |
| V 25 - 203 |                |                | 203            | 10.4            | 50.8                                                                                                 | 528                                                                                                  | 60.9                                                                                                 | 633                                                                                                    | 71.1                                                                                        | 739  | 81.2 | 844  | 103  | 10                                                                                  |      |   |
| V 25 - 305 | 5.4 x 2.7      | 305            | 7.0            | 76.3            | 534                                                                                                  | 91.5                                                                                                 | 641                                                                                                  | 107                                                                                                    | 747                                                                                         | 122  | 854  | 156  | 5    |                                                                                     |      |   |
| V 32 - 038 | 32             | 16             | 38             | 94.0            | 9.5                                                                                                  | 893                                                                                                  | 11.4                                                                                                 | 1072                                                                                                   | 13.3                                                                                        | 1250 | 15.2 | 1429 | 18.3 | 20                                                                                  |      |   |
| V 32 - 044 |                |                | 44             | 79.5            | 11.0                                                                                                 | 875                                                                                                  | 13.2                                                                                                 | 1049                                                                                                   | 15.4                                                                                        | 1224 | 17.6 | 1399 | 21.5 | 20                                                                                  |      |   |
| V 32 - 051 |                |                | 51             | 67.0            | 12.8                                                                                                 | 858                                                                                                  | 15.3                                                                                                 | 1025                                                                                                   | 17.9                                                                                        | 1196 | 20.4 | 1367 | 25.5 | 20                                                                                  |      |   |
| V 32 - 064 |                |                | 64             | 53.0            | 16.0                                                                                                 | 848                                                                                                  | 19.2                                                                                                 | 1018                                                                                                   | 22.4                                                                                        | 1187 | 25.6 | 1357 | 31.9 | 20                                                                                  |      |   |
| V 32 - 076 |                |                | 76             | 44.0            | 19.0                                                                                                 | 836                                                                                                  | 22.8                                                                                                 | 1003                                                                                                   | 26.6                                                                                        | 1170 | 30.4 | 1338 | 38.6 | 20                                                                                  |      |   |
| V 32 - 089 |                |                | 89             | 37.2            | 22.3                                                                                                 | 830                                                                                                  | 26.7                                                                                                 | 993                                                                                                    | 31.2                                                                                        | 1159 | 35.6 | 1324 | 46.5 | 10                                                                                  |      |   |
| V 32 - 102 |                |                | 102            | 32.0            | 25.5                                                                                                 | 816                                                                                                  | 30.6                                                                                                 | 979                                                                                                    | 35.7                                                                                        | 1142 | 40.8 | 1306 | 53.2 | 10                                                                                  |      |   |
| V 32 - 115 |                |                | 115            | 29.0            | 28.8                                                                                                 | 835                                                                                                  | 34.5                                                                                                 | 1001                                                                                                   | 40.3                                                                                        | 1167 | 46.0 | 1334 | 60.0 | 10                                                                                  |      |   |
| V 32 - 127 |                |                | 127            | 25.0            | 31.8                                                                                                 | 795                                                                                                  | 38.1                                                                                                 | 953                                                                                                    | 44.5                                                                                        | 1111 | 50.8 | 1270 | 66.7 | 10                                                                                  |      |   |
| V 32 - 139 |                |                | 139            | 23.0            | 35.0                                                                                                 | 805                                                                                                  | 42.0                                                                                                 | 966                                                                                                    | 48.7                                                                                        | 1119 | 56.0 | 1288 | 71.8 | 10                                                                                  |      |   |
| V 32 - 152 |                |                | 152            | 21.5            | 38.0                                                                                                 | 817                                                                                                  | 45.6                                                                                                 | 980                                                                                                    | 53.2                                                                                        | 1144 | 60.8 | 1307 | 78.5 | 10                                                                                  |      |   |
| V 32 - 178 |                |                | 178            | 18.2            | 44.5                                                                                                 | 810                                                                                                  | 53.4                                                                                                 | 972                                                                                                    | 62.3                                                                                        | 1134 | 71.2 | 1296 | 94.4 | 5                                                                                   |      |   |
| V 32 - 203 |                |                | 203            | 15.8            | 50.8                                                                                                 | 803                                                                                                  | 60.9                                                                                                 | 962                                                                                                    | 71.1                                                                                        | 1123 | 81.2 | 1283 | 107  | 5                                                                                   |      |   |
| V 32 - 254 |                |                | 254            | 12.5            | 63.5                                                                                                 | 794                                                                                                  | 76.2                                                                                                 | 953                                                                                                    | 88.9                                                                                        | 1111 | 102  | 1270 | 136  | 5                                                                                   |      |   |
| V 32 - 305 |                |                | 6.8 x 3.3      | 305             | 10.3                                                                                                 | 76.3                                                                                                 | 786                                                                                                  | 91.5                                                                                                   | 942                                                                                         | 107  | 1100 | 122  | 1257 | 163                                                                                 | 5    |   |
| V 40 - 051 | 40             | 20             | 51             | 92.0            | 12.8                                                                                                 | 1178                                                                                                 | 15.3                                                                                                 | 1408                                                                                                   | 17.9                                                                                        | 1642 | 20.4 | 1877 | 25.5 | 20                                                                                  |      |   |
| V 40 - 064 |                |                | 64             | 73.0            | 16.0                                                                                                 | 1168                                                                                                 | 19.2                                                                                                 | 1402                                                                                                   | 22.4                                                                                        | 1635 | 25.6 | 1869 | 31.4 | 10                                                                                  |      |   |
| V 40 - 076 |                |                | 76             | 63.0            | 19.0                                                                                                 | 1197                                                                                                 | 22.8                                                                                                 | 1436                                                                                                   | 26.6                                                                                        | 1676 | 30.4 | 1915 | 37.8 | 10                                                                                  |      |   |
| V 40 - 089 |                |                | 89             | 51.0            | 22.3                                                                                                 | 1137                                                                                                 | 26.7                                                                                                 | 1362                                                                                                   | 31.2                                                                                        | 1589 | 35.6 | 1816 | 44.3 | 10                                                                                  |      |   |
| V 40 - 102 |                |                | 102            | 43.0            | 25.5                                                                                                 | 1097                                                                                                 | 30.6                                                                                                 | 1316                                                                                                   | 35.7                                                                                        | 1535 | 40.8 | 1754 | 50.7 | 10                                                                                  |      |   |
| V 40 - 115 |                |                | 115            | 39.6            | 28.8                                                                                                 | 1140                                                                                                 | 34.5                                                                                                 | 1366                                                                                                   | 40.3                                                                                        | 1594 | 46.0 | 1822 | 58.1 | 10                                                                                  |      |   |
| V 40 - 127 |                |                | 127            | 37.0            | 31.8                                                                                                 | 1177                                                                                                 | 38.1                                                                                                 | 1410                                                                                                   | 44.5                                                                                        | 1645 | 50.8 | 1880 | 64.6 | 5                                                                                   |      |   |
| V 40 - 139 |                |                | 139            | 32.0            | 35.0                                                                                                 | 1120                                                                                                 | 42.0                                                                                                 | 1344                                                                                                   | 48.7                                                                                        | 1557 | 56.0 | 1792 | 70.1 | 5                                                                                   |      |   |
| V 40 - 152 |                |                | 152            | 28.0            | 38.0                                                                                                 | 1064                                                                                                 | 45.6                                                                                                 | 1277                                                                                                   | 53.2                                                                                        | 1490 | 60.8 | 1702 | 76.6 | 5                                                                                   |      |   |
| V 40 - 178 |                |                | 178            | 25.2            | 44.5                                                                                                 | 1121                                                                                                 | 53.4                                                                                                 | 1346                                                                                                   | 62.3                                                                                        | 1570 | 71.2 | 1794 | 90.4 | 5                                                                                   |      |   |
| V 40 - 203 |                |                | 203            | 22.7            | 50.8                                                                                                 | 1153                                                                                                 | 60.9                                                                                                 | 1382                                                                                                   | 71.1                                                                                        | 1613 | 81.2 | 1843 | 102  | 5                                                                                   |      |   |
| V 40 - 254 |                |                | 254            | 17.0            | 63.5                                                                                                 | 1080                                                                                                 | 76.2                                                                                                 | 1295                                                                                                   | 88.9                                                                                        | 1511 | 102  | 1727 | 129  | 2                                                                                   |      |   |
| V 40 - 305 |                |                | 8.1 x 4.0      | 305             | 14.8                                                                                                 | 76.3                                                                                                 | 1129                                                                                                 | 91.5                                                                                                   | 1354                                                                                        | 107  | 1580 | 122  | 1806 | 156                                                                                 | 2    |   |
| V 50 - 064 |                |                | 50             | 25              | 64                                                                                                   | 156                                                                                                  | 16.0                                                                                                 | 2496                                                                                                   | 19.2                                                                                        | 2995 | 22.4 | 3494 | 25.6 | 3994                                                                                | 31.0 | 5 |
| V 50 - 076 |                |                |                |                 | 76                                                                                                   | 125                                                                                                  | 19.0                                                                                                 | 2375                                                                                                   | 22.8                                                                                        | 2850 | 26.6 | 3325 | 30.4 | 3800                                                                                | 37.2 | 5 |
| V 50 - 089 | 89             | 109            |                |                 | 22.3                                                                                                 | 2431                                                                                                 | 26.7                                                                                                 | 2910                                                                                                   | 31.2                                                                                        | 3395 | 35.6 | 3880 | 43.6 | 5                                                                                   |      |   |
| V 50 - 102 | 102            | 94.0           |                |                 | 25.5                                                                                                 | 2397                                                                                                 | 30.6                                                                                                 | 2876                                                                                                   | 35.7                                                                                        | 3356 | 40.8 | 3835 | 50.3 | 5                                                                                   |      |   |
| V 50 - 115 | 115            | 81.0           |                |                 | 28.8                                                                                                 | 2333                                                                                                 | 34.5                                                                                                 | 2795                                                                                                   | 40.3                                                                                        | 3260 | 46.0 | 3726 | 58.1 | 5                                                                                   |      |   |
| V 50 - 127 | 127            | 71.0           |                |                 | 31.8                                                                                                 | 2258                                                                                                 | 38.1                                                                                                 | 2705                                                                                                   | 44.5                                                                                        | 3156 | 50.8 | 3607 | 63.7 | 5                                                                                   |      |   |
| V 50 - 139 | 139            | 66.5           |                |                 | 35.0                                                                                                 | 2328                                                                                                 | 42.0                                                                                                 | 2793                                                                                                   | 48.7                                                                                        | 3235 | 56.0 | 3724 | 69.5 | 5                                                                                   |      |   |
| V 50 - 152 | 152            | 60.0           |                |                 | 38.0                                                                                                 | 2280                                                                                                 | 45.6                                                                                                 | 2736                                                                                                   | 53.2                                                                                        | 3192 | 60.8 | 3648 | 76.5 | 2                                                                                   |      |   |
| V 50 - 178 | 178            | 52.0           |                |                 | 44.5                                                                                                 | 2314                                                                                                 | 53.4                                                                                                 | 2777                                                                                                   | 62.3                                                                                        | 3240 | 71.2 | 3702 | 91.9 | 2                                                                                   |      |   |
| V 50 - 203 | 203            | 44.0           |                |                 | 50.8                                                                                                 | 2235                                                                                                 | 60.9                                                                                                 | 2680                                                                                                   | 71.1                                                                                        | 3126 | 81.2 | 3573 | 105  | 2                                                                                   |      |   |
| V 50 - 254 | 254            | 35.0           |                |                 | 63.5                                                                                                 | 2223                                                                                                 | 76.2                                                                                                 | 2667                                                                                                   | 88.9                                                                                        | 3112 | 102  | 3556 | 131  | 2                                                                                   |      |   |
| V 50 - 305 | 10.9 x 5.3     | 305            |                |                 | 28.5                                                                                                 | 76.3                                                                                                 | 2175                                                                                                 | 91.5                                                                                                   | 2608                                                                                        | 107  | 3042 | 122  | 3477 | 155                                                                                 | 2    |   |
| V 63 - 076 | 63             | 38             |                |                 | 76                                                                                                   | 189                                                                                                  | 19.0                                                                                                 | 3591                                                                                                   | 22.8                                                                                        | 4309 | 26.6 | 5027 | 30.4 | 5746                                                                                | 36.5 | 5 |
| V 63 - 089 |                |                |                |                 | 89                                                                                                   | 158                                                                                                  | 22.3                                                                                                 | 3523                                                                                                   | 26.7                                                                                        | 4219 | 31.2 | 4922 | 35.6 | 5625                                                                                | 43.4 | 5 |
| V 63 - 102 |                |                |                |                 | 102                                                                                                  | 131                                                                                                  | 25.5                                                                                                 | 3341                                                                                                   | 30.6                                                                                        | 4009 | 35.7 | 4677 | 40.8 | 5345                                                                                | 49.7 | 5 |
| V 63 - 115 |                |                | 115            | 116             | 28.8                                                                                                 | 3341                                                                                                 | 34.5                                                                                                 | 4002                                                                                                   | 40.3                                                                                        | 4669 | 46.0 | 5336 | 55.6 | 5                                                                                   |      |   |
| V 63 - 127 |                |                | 127            | 103             | 31.8                                                                                                 | 3275                                                                                                 | 38.1                                                                                                 | 3924                                                                                                   | 44.5                                                                                        | 4578 | 50.8 | 5232 | 62.7 | 2                                                                                   |      |   |
| V 63 - 152 |                |                | 152            | 84.3            | 38.0                                                                                                 | 3203                                                                                                 | 45.6                                                                                                 | 3844                                                                                                   | 53.2                                                                                        | 4485 | 60.8 | 5125 | 77.1 | 2                                                                                   |      |   |
| V 63 - 178 |                |                | 178            | 71.5            | 44.5                                                                                                 | 3182                                                                                                 | 53.4                                                                                                 | 3818                                                                                                   | 62.3                                                                                        | 4454 | 71.2 | 5091 | 92.2 | 2                                                                                   |      |   |
| V 63 - 203 |                |                | 203            | 61.7            | 50.8                                                                                                 | 3134                                                                                                 | 60.9                                                                                                 | 3758                                                                                                   | 71.1                                                                                        | 4384 | 81.2 | 5010 | 103  | 2                                                                                   |      |   |
| V 63 - 254 |                |                | 254            | 47.0            | 63.5                                                                                                 | 2985                                                                                                 | 76.2                                                                                                 | 3581                                                                                                   | 88.9                                                                                        | 4178 | 102  | 4775 | 130  | 2                                                                                   |      |   |
| V 63 - 305 | 11.0 x 7.8     | 305            | 38.2           | 76.3            | 2915                                                                                                 | 91.5                                                                                                 | 3495                                                                                                 | 107                                                                                                    | 4078                                                                                        | 122  | 4660 | 157  | 2    |                                                                                     |      |   |