

**BRIDON**

# crane & industrial.

QUICK REFERENCE GUIDE - EUROPEAN VERSION

Ed. 07/2021



## Dyform 4

Dyform 4 Series ropes are compacted, single-layered ropes around a synthetic core.

- ✓ Rotation-resistant
- ✓ Wear-resistant
- ✓ Ideal for unloading type deck cranes

## Dyform 50DB

50 DB Series ropes are compacted rotation resistant constructions consisting of a inner part with an outer layer of strands spun in the opposite direction.

- ✓ Rotation resistant
- ✓ Recommended for limited lifting heights only

## Dyform 34LR PI

The Dyform 34 LR PI is a high performance compacted low rotational rope that combines varying multistrand rope designs to achieve excellent rotation resistance in high lift operations. It incorporates a plastic layer (PI) between the inner and outer part of the rope to enhance fatigue life.

- ✓ Stable rope construction
- ✓ Higher bending fatigue performance

## Dyform 36LR PI

Dyform 36 PI is a high performance compacted multi layer constructed rope which incorporates a plastic layer below the 18 outer strands.

- ✓ Improved crush resistance
- ✓ Stable rope construction
- ✓ Ultra low rotation

## Dyform 36LR PI+

Dyform 36LR PI + is a high performance compacted multi-layer constructed rope which incorporates an engineered extruded plastic that spreads between the 18 outer strands and the rope core .

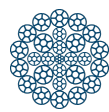
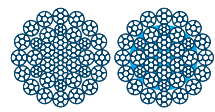
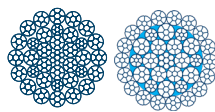
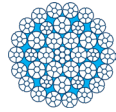
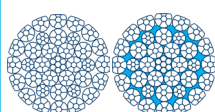
- ✓ Outstanding bending fatigue performance
- ✓ Very stable rope construction
- ✓ Ideal for Foundation making equipment, and Deck cranes

## Dyform 34LR PI MAX

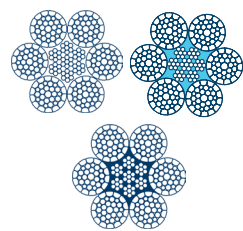
Dyform 34 LR PI MAX is a high performance compacted low rotational rope that consists of varying multistrand rope designs which have undergone a final rope compacting process. It incorporates a plastic layer (PI) between the inner and outer part of the rope.

- ✓ Excellent Crush Resistance
- ✓ High Breaking load
- ✓ Excellent wear resistance

## NON-ROTATION & LOW ROTATION ROPES

|      | Dyform 4                                                                            |      |      | Dyform 50DB                                                                         |      |      | Dyform 34LR/PI                                                                      |      |      | Dyform 36LR/PI                                                                      |      |      | Dyform 36LR PI+                                                                     |      |      | Dyform 34LR MAX/PI                                                                  |       |       |
|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|-------|-------|
|      |  |      |      |  |      |      |  |      |      |  |      |      |  |      |      |  |       |       |
| Dia. | Nominal Length Mass                                                                 | MBF  |      | Nominal Length Mass                                                                 | MBF  |      | Nominal Length Mass                                                                 | MBF  |      | Nominal Length Mass                                                                 | MBF  |      | Nominal Length Mass                                                                 | MBF  |      | Nominal Length Mass                                                                 | MBF   |       |
|      |                                                                                     | 1960 | 2160 |                                                                                     | 1960 | 2160 |                                                                                     | 1960 | 2160 |                                                                                     | 1960 | 2160 |                                                                                     | 1960 | 2160 |                                                                                     | 1960  | 2160  |
| mm   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN    | kN    |
| 8    |                                                                                     |      |      | 0.302                                                                               | 57.2 | 60.8 |                                                                                     |      |      |                                                                                     |      |      |                                                                                     |      |      |                                                                                     |       |       |
| 9    |                                                                                     |      |      | 0.382                                                                               | 72.4 | 76.9 |                                                                                     |      |      |                                                                                     |      |      |                                                                                     |      |      |                                                                                     |       |       |
| 10   | 0.429                                                                               | 87.4 | 93.3 | 0.472                                                                               | 89.4 | 95.0 | 0.508                                                                               | 90.8 | 95.3 | 0.514                                                                               | 90.8 | 95.3 | 0.520                                                                               | 92.6 | 95   | 0.542                                                                               | 101.2 | 106.5 |
| 11   | 0.510                                                                               | 106  | 113  | 0.571                                                                               | 108  | 115  | 0.620                                                                               | 109  | 115  | 0.626                                                                               | 109  | 115  | 0.634                                                                               | 111  | 115  | 0.656                                                                               | 122   | 129   |
| 12   | 0.613                                                                               | 126  | 135  | 0.680                                                                               | 129  | 137  | 0.723                                                                               | 130  | 137  | 0.730                                                                               | 130  | 137  | 0.739                                                                               | 133  | 137  | 0.740                                                                               | 145   | 153   |
| 12.7 | 0.680                                                                               | 141  | 151  | 0.761                                                                               | 144  | 153  | 0.813                                                                               | 146  | 153  | 0.821                                                                               | 146  | 153  | 0.831                                                                               | 149  | 153  | 0.842                                                                               | 162   | 171   |
| 13   | 0.724                                                                               | 148  | 158  | 0.798                                                                               | 151  | 160  | 0.850                                                                               | 153  | 161  | 0.859                                                                               | 153  | 161  | 0.870                                                                               | 156  | 161  | 0.887                                                                               | 170   | 179   |
| 14   | 0.822                                                                               | 171  | 183  | 0.925                                                                               | 175  | 186  | 0.983                                                                               | 179  | 191  | 0.993                                                                               | 179  | 191  | 1.01                                                                                | 181  | 191  | 1.04                                                                                | 198   | 208   |
| 15   | 0.944                                                                               | 196  | 209  | 1.06                                                                                | 201  | 214  | 1.13                                                                                | 204  | 214  | 1.14                                                                                | 204  | 214  | 1.16                                                                                | 208  | 214  | 1.21                                                                                | 227   | 239   |
| 16   | 1.07                                                                                | 224  | 239  | 1.21                                                                                | 229  | 243  | 1.28                                                                                | 232  | 251  | 1.29                                                                                | 232  | 251  | 1.31                                                                                | 235  | 251  | 1.37                                                                                | 258   | 272   |
| 17   | 1.21                                                                                | 253  | 270  | 1.36                                                                                | 258  | 274  | 1.45                                                                                | 262  | 275  | 1.46                                                                                | 262  | 275  | 1.48                                                                                | 267  | 275  | 1.58                                                                                | 292   | 307   |
| 18   | 1.35                                                                                | 283  | 302  | 1.53                                                                                | 289  | 307  | 1.62                                                                                | 298  | 319  | 1.64                                                                                | 298  | 319  | 1.66                                                                                | 300  | 317  | 1.78                                                                                | 327   | 344   |
| 19   | 1.50                                                                                | 315  | 336  | 1.70                                                                                | 323  | 343  | 1.81                                                                                | 331  | 356  | 1.83                                                                                | 331  | 356  | 1.85                                                                                | 335  | 354  | 1.99                                                                                | 366   | 385   |
| 20   | 1.67                                                                                | 350  | 374  | 1.89                                                                                | 357  | 379  | 2.00                                                                                | 370  | 397  | 2.02                                                                                | 370  | 397  | 2.05                                                                                | 370  | 393  | 2.21                                                                                | 403   | 424   |
| 21   | 1.86                                                                                | 385  | 412  | 2.08                                                                                | 393  | 418  | 2.21                                                                                | 400  | 420  | 2.23                                                                                | 400  | 420  | 2.26                                                                                | 408  | 420  | 2.39                                                                                | 446   | 470   |
| 22   | 2.01                                                                                | 423  | 452  | 2.28                                                                                | 432  | 459  | 2.42                                                                                | 442  | 482  | 2.44                                                                                | 442  | 482  | 2.47                                                                                | 450  | 475  | 2.69                                                                                | 498   | 524   |
| 22.2 | 2.11                                                                                | 438  | 468  | 2.33                                                                                | 432  | 459  | 2.42                                                                                | 448  | 487  | 2.44                                                                                | 448  | 487  | 2.47                                                                                | 456  | 482  | 2.69                                                                                | 498   | 524   |
| 23   | 2.23                                                                                | 462  | 494  | 2.50                                                                                | 473  | 503  | 2.65                                                                                | 480  | 504  | 2.68                                                                                | 480  | 504  | 2.71                                                                                | 481  | 504  | 2.87                                                                                | 535   | 563   |
| 24   | 2.41                                                                                | 504  | 538  | 2.72                                                                                | 515  | 547  | 2.88                                                                                | 528  | 569  | 2.91                                                                                | 528  | 569  | 2.95                                                                                | 533  | 565  | 3.20                                                                                | 580   | 611   |
| 25   | 2.63                                                                                | 546  | 583  | 2.95                                                                                | 559  | 594  | 3.13                                                                                | 568  | 595  | 3.16                                                                                | 568  | 595  | 3.20                                                                                | 578  | 595  | 3.39                                                                                | 632   | 666   |
| 25.4 | 2.70                                                                                | 564  | 602  | 3.05                                                                                | 576  | 612  | 3.23                                                                                | 586  | 623  | 3.26                                                                                | 586  | 623  | 3.30                                                                                | 597  | 623  | 3.36                                                                                | 650   | 684   |
| 26   | 2.83                                                                                | 591  | 631  | 3.19                                                                                | 604  | 642  | 3.38                                                                                | 618  | 660  | 3.41                                                                                | 618  | 660  | 3.46                                                                                | 625  | 660  | 3.56                                                                                | 670   | 705   |
| 28   | 3.31                                                                                | 685  | 731  |                                                                                     |      |      | 3.92                                                                                | 712  | 758  | 3.96                                                                                | 712  | 758  | 4.01                                                                                | 725  | 765  | 4.11                                                                                | 777   | 818   |
| 28.6 | 3.45                                                                                | 715  | 774  |                                                                                     |      |      | 4.09                                                                                | 743  | 779  | 4.13                                                                                | 743  | 779  | 4.18                                                                                | 760  | 795  | 4.55                                                                                | 806   | 848   |
| 30   | 3.83                                                                                | 787  | 840  |                                                                                     |      |      | 4.50                                                                                | 823  | 857  | 4.55                                                                                | 823  | 857  | 4.60                                                                                | 850  | 877  | 5.02                                                                                | 888   | 935   |
| 32   | 4.37                                                                                | 895  | 955  |                                                                                     |      |      | 5.12                                                                                | 919  | 1010 | 5.17                                                                                | 919  | 1010 | 5.24                                                                                | 967  | 1005 | 5.57                                                                                | 1030  | 1085  |
| 34   | 4.87                                                                                | 1010 | 1080 |                                                                                     |      |      | 5.87                                                                                | 1050 | 1120 | 5.93                                                                                | 1050 | 1120 | 6.00                                                                                | 1095 | 1135 | 6.32                                                                                | 1120  | 1180  |
| 36   | 5.44                                                                                | 1130 | 1210 |                                                                                     |      |      | 6.58                                                                                | 1170 | 1250 | 6.65                                                                                | 1170 | 1250 | 6.73                                                                                | 1180 | 1275 | 7.11                                                                                | 1250  | 1320  |
| 38   | 6.07                                                                                | 1260 | 1350 |                                                                                     |      |      | 7.33                                                                                | 1310 | 1410 | 7.40                                                                                | 1310 | 1410 | 7.50                                                                                | 1365 | 1420 | 7.95                                                                                | 1410  | 1480  |
| 40   | 6.82                                                                                | 1400 | 1490 |                                                                                     |      |      | 8.12                                                                                | 1450 | 1550 | 8.20                                                                                | 1450 | 1550 | 8.30                                                                                | 1450 | 1570 | 8.82                                                                                | 1550  | 1630  |
| 42   |                                                                                     |      |      |                                                                                     |      |      | 8.95                                                                                | 1600 | 1690 | 9.04                                                                                | 1600 | 1690 | 9.15                                                                                | 1600 | 1730 | 9.72                                                                                | 1690  | 1780  |
| 44   |                                                                                     |      |      |                                                                                     |      |      | 9.83                                                                                | 1750 | 1830 | 9.93                                                                                | 1750 | 1830 | 10.05                                                                               | 1750 | 1855 | 10.60                                                                               | 1830  | 1930  |
| 46   |                                                                                     |      |      |                                                                                     |      |      | 10.70                                                                               | 1920 | 1990 | 10.81                                                                               | 1920 | 1990 | 10.94                                                                               | 1920 | 2010 | 11.60                                                                               | 2010  | 2120  |
| 48   |                                                                                     |      |      |                                                                                     |      |      | 11.7                                                                                | 2090 | 2130 | 11.8                                                                                | 2090 | 2130 | 12.0                                                                                | 2090 | 2170 | 12.6                                                                                | 2190  | 2300  |
| 50   |                                                                                     |      |      |                                                                                     |      |      | 12.7                                                                                | 2270 | 2310 | 12.8                                                                                | 2270 | 2310 | 13.0                                                                                | 2270 | 2355 | 13.6                                                                                | 2380  | 2500  |
| 52   |                                                                                     |      |      |                                                                                     |      |      | 13.6                                                                                | 2450 | 2510 | 13.7                                                                                | 2450 | 2510 | 13.9                                                                                | 2450 | 2570 | 14.9                                                                                | 2580  | 2720  |

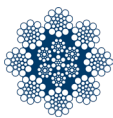
The tables are for guidance purposes only with no guarantee or warranty (express or implied) as to its accuracy. The products described may be subject to change without notice, and should not be relied on without further advice from Bridon-Bekaert. The cross section image is for reference only. Actual cross sections vary due to diameter. Visit [www.bridon-bekaert.com](http://www.bridon-bekaert.com) for the most up-to-date data.



## Dyform 6 Series

Dyform Bristar 6 is a high performance compacted single layer constructed rope which incorporates an engineered extruded plastic profile between the 6 outer strands and the rope core for various cranes and industrial applications.

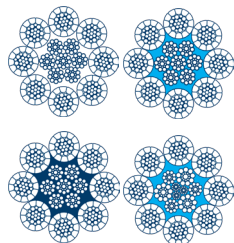
- ✓ Outstanding bending fatigue performance
- ✓ Improved support of outer strands in service



## 8 Series / PI / Bristar

8 series Bristar is a high performance non- compacted single layer constructed rope which incorporates an engineered extruded plastic profile between the 8 outer strands and the rope core.

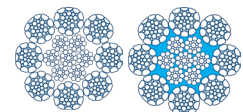
- ✓ Outstanding bending fatigue performance
- ✓ Improved grease retention
- ✓ Improved support of outer strands in service



## Dyform 8 Series

Dyform Bristar 8 is a high performance compacted single layer constructed rope which incorporates an engineered extruded plastic profile between the 8 outer strands and the rope core for cranes and industrial applications including mobile, crawler and tower cranes.

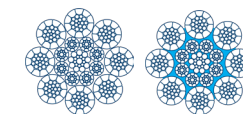
- ✓ Outstanding bending fatigue performance
- ✓ Very stable rope construction
- ✓ Improved support of outer strands in service



## Dyform 8 MAX / PI

Dyform 8 Max is a high performance compacted single layer constructed rope with 8 outer strands which has undergone a final rope compaction process and performs excellent in multilayer drum applications. Optionally, it incorporates a plastic layer (PI) between the inner and outer part of the rope.

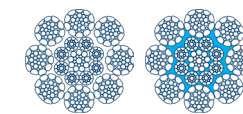
- ✓ Very high breaking strength
- ✓ Good crush resistance
- ✓ Accurate rope diameter and tight tolerance



## Dyform DSC8 / PI

Dyform DSC8 / PI is a high performance compacted double parallel laid rope construction, with all the strands within the rope being spun/ twisted together in one operation. This type of rope can only be used where both ends are fixed and the load prevented from rotating.

- ✓ Very high breaking strength
- ✓ Good crush resistance
- ✓ Accurate rope diameter and tight tolerance



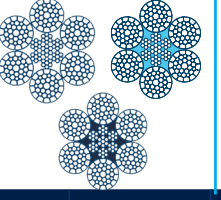
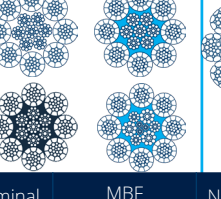
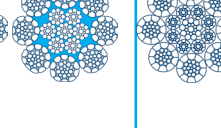
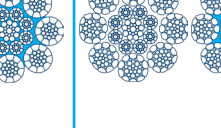
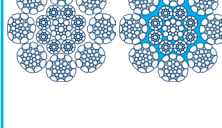
## Dyform DSC8 MAX / PI

Dyform DSC8 is a high performance compacted double parallel laid rope construction, with all the strands within the rope being spun/ twisted together in one operation. The rope is then subjected to a final compacting process. This type of rope can only be used where both ends are fixed and the load prevented from rotating.

- ✓ Highest breaking strength
- ✓ Excellent crush resistance
- ✓ Improved wear characteristics due to its smooth exterior profile



## 6 & 8 STRAND ROPES

|      | Dyform 6 /<br>PI / Bristar                                                          |      |      | 8 series / PI /<br>Bristar                                                          |      |      | Dyform 8 / PI /<br>Bristar / Duracore                                               |      |      | Dyform 8<br>MAX /PI                                                                 |      |      | Dyform<br>DSC8 / PI                                                                 |      |      | Dyform DSC8<br>PI MAX                                                               |      |      |
|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------|------|------|
|      |  |      |      |  |      |      |  |      |      |  |      |      |  |      |      |  |      |      |
| Dia. | Nominal<br>Length<br>Mass                                                           | MBF  |      | Nominal<br>Length<br>Mass                                                           | MBF  |      | Nominal<br>Length<br>Mass                                                           | MBF  |      | Nominal<br>Length<br>Mass                                                           | MBF  |      | Nominal<br>Length<br>Mass                                                           | MBF  |      | Nominal<br>Length<br>Mass                                                           | MBF  |      |
|      |                                                                                     | 1960 | 2160 |                                                                                     | 1960 | 2160 |                                                                                     | 1960 | 2160 |                                                                                     | 1960 | 2160 |                                                                                     | 1960 | 2160 |                                                                                     | 1960 | 2160 |
| mm   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN   | kN   | kg/m                                                                                | kN   | kN   |
| 8    | 0.294                                                                               | 55.2 | 57.5 | .260                                                                                | 51.8 | 56.6 | 0.301                                                                               | 57.2 | 59.9 | 0.320                                                                               | 60.5 | 64.6 | 0.317                                                                               | 60.5 | 66.7 | 0.343                                                                               | 64.8 | 70.6 |
| 9    | 0.372                                                                               | 69.9 | 72.8 | .330                                                                                | 65.6 | 71.7 | 0.382                                                                               | 72.4 | 75.8 | 0.405                                                                               | 76.5 | 81.8 | 0.401                                                                               | 76.5 | 84.4 | 0.434                                                                               | 82.0 | 90.1 |
| 10   | 0.459                                                                               | 86.2 | 89.9 | .407                                                                                | 82.0 | 89.6 | 0.471                                                                               | 89.2 | 93.2 | 0.500                                                                               | 94.5 | 98.2 | 0.493                                                                               | 94.0 | 104  | 0.536                                                                               | 101  | 110  |
| 11   | 0.555                                                                               | 106  | 109  | .492                                                                                | 98.0 | 107  | 0.570                                                                               | 110  | 115  | 0.605                                                                               | 114  | 118  | 0.607                                                                               | 114  | 125  | 0.649                                                                               | 123  | 132  |
| 12   | 0.661                                                                               | 124  | 129  | .586                                                                                | 118  | 129  | 0.678                                                                               | 128  | 134  | 0.720                                                                               | 136  | 145  | 0.712                                                                               | 136  | 149  | 0.772                                                                               | 146  | 156  |
| 12.7 | 0.740                                                                               | 136  | 145  | .656                                                                                | 132  | 144  | 0.760                                                                               | 144  | 150  | 0.806                                                                               | 152  | 163  | 0.806                                                                               | 151  | 167  | 0.865                                                                               | 163  | 178  |
| 13   | 0.776                                                                               | 142  | 152  | .688                                                                                | 139  | 152  | 0.796                                                                               | 150  | 157  | 0.845                                                                               | 160  | 172  | 0.835                                                                               | 156  | 175  | 0.906                                                                               | 171  | 184  |
| 14   | 0.900                                                                               | 165  | 176  | .798                                                                                | 160  | 175  | 0.923                                                                               | 174  | 182  | 0.980                                                                               | 185  | 198  | 0.973                                                                               | 184  | 203  | 1.05                                                                                | 199  | 213  |
| 15   | 1.03                                                                                | 190  | 202  | .916                                                                                | 184  | 201  | 1.06                                                                                | 198  | 207  | 1.13                                                                                | 213  | 227  | 1.11                                                                                | 213  | 234  | 1.21                                                                                | 228  | 244  |
| 16   | 1.18                                                                                | 212  | 230  | 1.04                                                                                | 209  | 228  | 1.21                                                                                | 226  | 236  | 1.28                                                                                | 242  | 258  | 1.27                                                                                | 242  | 267  | 1.37                                                                                | 259  | 279  |
| 17   | 1.33                                                                                | 239  | 260  | 1.18                                                                                | 234  | 256  | 1.36                                                                                | 255  | 267  | 1.45                                                                                | 273  | 291  | 1.43                                                                                | 275  | 302  | 1.55                                                                                | 293  | 315  |
| 18   | 1.49                                                                                | 268  | 291  | 1.32                                                                                | 266  | 291  | 1.53                                                                                | 286  | 299  | 1.62                                                                                | 306  | 326  | 1.61                                                                                | 308  | 340  | 1.74                                                                                | 328  | 352  |
| 19   | 1.66                                                                                | 299  | 324  | 1.47                                                                                | 293  | 320  | 1.70                                                                                | 318  | 333  | 1.81                                                                                | 343  | 370  | 1.79                                                                                | 340  | 375  | 1.93                                                                                | 366  | 394  |
| 20   | 1.84                                                                                | 331  | 359  | 1.63                                                                                | 327  | 357  | 1.88                                                                                | 353  | 369  | 2.00                                                                                | 378  | 403  | 1.99                                                                                | 379  | 418  | 2.14                                                                                | 405  | 435  |
| 21   | 2.02                                                                                | 365  | 396  | 1.79                                                                                | 361  | 394  | 2.08                                                                                | 389  | 407  | 2.21                                                                                | 417  | 445  | 2.18                                                                                | 417  | 460  | 2.36                                                                                | 447  | 477  |
| 22   | 2.22                                                                                | 401  | 435  | 1.97                                                                                | 401  | 438  | 2.28                                                                                | 427  | 446  | 2.42                                                                                | 467  | 498  | 2.40                                                                                | 459  | 506  | 2.59                                                                                | 490  | 531  |
| 22.2 | 2.27                                                                                | 401  | 435  | 2.01                                                                                | 408  | 446  | 2.33                                                                                | 427  | 446  | 2.51                                                                                | 467  | 506  | 2.44                                                                                | 459  | 506  | 2.69                                                                                | 490  | 534  |
| 23   | 2.43                                                                                | 438  | 475  | 2.15                                                                                | 438  | 478  | 2.49                                                                                | 466  | 488  | 2.65                                                                                | 500  | 534  | 2.62                                                                                | 500  | 551  | 2.84                                                                                | 536  | 577  |
| 24   | 2.64                                                                                | 477  | 518  | 2.34                                                                                | 469  | 512  | 2.71                                                                                | 508  | 531  | 2.88                                                                                | 544  | 580  | 2.86                                                                                | 543  | 598  | 3.09                                                                                | 583  | 627  |
| 25   | 2.87                                                                                | 517  | 562  | 2.54                                                                                | 509  | 556  | 2.94                                                                                | 551  | 577  | 3.13                                                                                | 591  | 631  | 3.09                                                                                | 591  | 651  | 3.35                                                                                | 633  | 682  |
| 25.4 | 2.96                                                                                | 534  | 580  | 2.63                                                                                | 531  | 580  | 3.04                                                                                | 569  | 595  | 3.23                                                                                | 610  | 650  | 3.19                                                                                | 607  | 668  | 3.46                                                                                | 653  | 705  |
| 26   | 3.10                                                                                | 560  | 607  | 2.75                                                                                | 559  | 611  | 3.18                                                                                | 596  | 623  | 3.38                                                                                | 639  | 681  | 3.36                                                                                | 636  | 701  | 3.62                                                                                | 685  | 735  |
| 28   | 3.60                                                                                | 649  | 704  | 3.19                                                                                | 645  | 705  | 3.69                                                                                | 691  | 723  | 3.92                                                                                | 741  | 802  | 3.89                                                                                | 742  | 818  | 4.20                                                                                | 794  | 848  |
| 28.6 | 3.75                                                                                | 676  | 734  | 3.32                                                                                | 670  | 732  | 3.85                                                                                | 720  | 753  | 4.15                                                                                | 773  | 824  | 4.06                                                                                | 776  | 854  | 4.45                                                                                | 830  | 897  |
| 30   | 4.13                                                                                | 745  | 809  | 3.66                                                                                | 738  | 806  | 4.24                                                                                | 794  | 830  | 4.50                                                                                | 851  | 907  | 4.47                                                                                | 855  | 943  | 4.82                                                                                | 912  | 979  |
| 32   | 4.70                                                                                | 848  | 920  | 4.17                                                                                | 838  | 916  | 4.82                                                                                | 903  | 944  | 5.12                                                                                | 968  | 1070 | 5.02                                                                                | 968  | 1070 | 5.49                                                                                | 1040 | 1110 |
| 34   | 5.31                                                                                | 957  | 1040 | 4.70                                                                                | 951  | 1040 | 5.44                                                                                | 1020 | 1070 | 5.78                                                                                | 1070 | 1160 | 5.71                                                                                | 1090 | 1200 | 6.20                                                                                | 1170 | 1260 |
| 36   | 5.95                                                                                | 1070 | 1160 | 5.27                                                                                | 1060 | 1160 | 6.10                                                                                | 1140 | 1200 | 6.48                                                                                | 1200 | 1310 | 6.40                                                                                | 1220 | 1350 | 6.95                                                                                | 1310 | 1420 |
| 38   | 6.63                                                                                | 1200 | 1300 | 5.88                                                                                | 1190 | 1300 | 6.80                                                                                | 1270 | 1330 | 7.22                                                                                | 1350 | 1450 | 7.13                                                                                | 1360 | 1500 | 7.74                                                                                | 1460 | 1580 |
| 40   | 7.34                                                                                | 1320 | 1440 | 6.51                                                                                | 1310 | 1430 | 7.54                                                                                | 1410 | 1480 | 8.00                                                                                | 1430 | 1610 | 7.90                                                                                | 1510 | 1660 | 8.58                                                                                | 1620 | 1750 |
| 42   | 8.10                                                                                | 1460 | 1580 | 7.18                                                                                | 1450 | 1580 | 8.31                                                                                | 1560 | 1630 | 8.82                                                                                | 1650 | 1780 | 8.74                                                                                | 1670 | 1840 | 9.47                                                                                | 1720 | 1890 |
| 44   | 8.89                                                                                | 1600 | 1740 | 7.88                                                                                | 1590 | 1740 | 9.12                                                                                | 1710 | 1790 | 9.68                                                                                | 1810 | 1950 | 9.59                                                                                | 1830 | 2020 | 10.4                                                                                | 1870 | 2060 |
| 46   | 9.71                                                                                | 1750 | 1900 | 8.61                                                                                | 1720 | 1880 | 9.97                                                                                | 1870 | 1950 | 10.6                                                                                | 1980 | 2130 | 10.5                                                                                | 2000 | 2200 | 11.4                                                                                | 2030 | 2240 |
| 48   | 10.6                                                                                | 1910 | 2070 | 9.38                                                                                | 1870 | 2040 | 10.9                                                                                | 2030 | 2130 | 11.5                                                                                | 2160 | 2320 | 11.4                                                                                | 2180 | 2400 | 12.4                                                                                | 2240 | 2470 |
| 50   | 11.5                                                                                | 2070 | 2250 | 10.2                                                                                | 2050 | 2240 | 11.8                                                                                | 2210 | 2310 | 12.5                                                                                | 2340 | 2520 | 12.4                                                                                | 2360 | 2610 | 13.4                                                                                | 2430 | 2680 |
| 52   | 12.4                                                                                | 2240 | 2430 | 11.0                                                                                | 2220 | 2430 | 12.7                                                                                | 2380 | 2500 | 13.5                                                                                | 2530 | 2720 | 13.4                                                                                | 2560 | 2820 | 14.5                                                                                | 2620 | 2880 |

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