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| ALUMINIUM CONDUCTOR STEEL REINFORCED  ACSR ASTM B232 | | | | | | | | | | | | | |
| Code  Name | Calculated Area | | | | Stranding an Wire Diameter | | Appro Overa | Weigh | | | Nominal  Breaking  Load | Max.D.C Resistance at 20℃ | Standar ength |
| Nominal | Alum. | Steel | Total | Alum. | Steel | Diametor | Alum. | Steel | Total |
|  | AWG. | mm' | mm² | mm² | mm | mm | mm | kg/km | kg/km | kg/km | kN | Ω/km | m±5% |
| Turkey | 6 | 13.29 | 2.19 | 15.48 | 6/1.68 | 1/1.68 | 5.04 | 37 | 17 | 54 | 5.24 | 2.1586 | 3000 |
| Swan | 4 | 21.16 | 3.55 | 24.71 | 6/2.12 | 1/2.12 | 6.36 | 58 | 27 | 85 | 8.32 | 1.3557 | 3000 |
| Swanate | 4 | 21.16 | 5.35 | 26.51 | 7/1.96 | 1/2.61 | 6.53 | 58 | 42 | 100 | 10.53 | 1.3557 | 3000 |
| Sparrow | 2 | 33.61 | 5.61 | 39.22 | 6/2.67 | 1/2.67 | 8.01 | 92 | 44 | 136 | 12.70 | 0.8535 | 3000 |
| Sparate | 2 | 33.61 | 8.52 | 42.13 | 7/2.47 | 1/3.30 | 8.24 | 92 | 67 | 159 | 16.11 | 0.8535 | 2500 |
| Robin | 1 | 42.39 | 7.10 | 49.49 | 6/3.00 | 1/3.00 | 9.00 | 116 | 55 | 171 | 15.85 | 0.6767 | 2500 |
| Raven | 1/0 | 53.48 | 8.90 | 62.38 | 6/3.37 | 1/3.37 | 10.11 | 147 | 69 | 216 | 19.32 | 0.5364 | 2000 |
| Quail | 2/0 | 67.42 | 11.23 | 78.65 | 6/3.78 | 1/3.78 | 11.34 | 185 | 88 | 273 | 23.62 | 0.4255 | 3000 |
| Pigeon | 3/0 | 85.03 | 14.19 | 99.22 | 6/4.25 | 1/4.25 | 12.75 | 233 | 110 | 343 | 29.41 | 0.3373 | 2500 |
| Penguin | 4/0 | 107.23 | 17.87 | 125.10 | 6/4.77 | 1/4.77 | 14.31 | 294 | 139 | 433 | 37.06 | 0.2675 | 2000 |
| Waxwing | 266.8 | 135.16 | 7.48 | 142.64 | 18/3.09 | 1/3.09 | 15.45 | 373 | 58 | 431 | 30..27 | 0.2133 | 3500 |
| Partridge | 2666.8 | 135.16 | 22.00 | 157.16 | 26/2.57 | 7/2.00 | 16.28 | 374 | 172 | 546 | 50.29 | 0.2143 | 2500 |
| Ostrich | 300 | 152.00 | 24.71 | 176.71 | 26/2.73 | 7/2.12 | 17.28 | 421 | 193 | 614 | 56.52 | 0.1906 | 3000 |
| Merlin | 336.4 | 170.45 | 9.48 | 179.93 | 18/3.47 | 1/3.47 | 17.5 | 470 | 74 | 544 | 38..23 | 0.1691 | 2000 |
| Linnet | 336.4 | 170.45 | 27.81 | 198.26 | 26/2.89 | 7/2.25 | 18.31 | 472 | 217 | 689 | 62.71 | 0.1699 | 2500 |
| Oriole | 336.4 | 170.45 | 39.81 | 210.26 | 30/2.69 | 7/2.69 | 18.83 | 473 | 311 | 784 | 77.27 | 0.1704 | 3000 |
| **Chickadee** | 397.5 | 201.42 | 11.16 | 212.58 | 18/3.77 | 1/3.77 | 18.85 | 555 | 87 | 642 | 43.99 | 0.1431 | 2500 |
| Brant | 397.5 | 201.42 | 26.13 | 227.55 | 24/3.27 | 7/2.18 | 19.61 | 558 | 204 | 762 | 64.69 | 0.1438 | 2000 |
| Ibis | 397.5 | 201.42 | 32.77 | 234.19 | 26/3.14 | 7/2.44 | 19.88 | 558 | 256 | 814 | 72.11 | 0.1438 | 2500 |
| Lark | 397.5 | 201.42 | 46.97 | 248.39 | 30/2.92 | 7/2.92 | 20.44 | 560 | 367 | 927 | 88.69 | 0.1442 | 2500 |
| **Pelican** | 477 | 241.68 | 13.42 | 255.10 | 18/4.14 | 1/4.14 | 20.70 | 666 | 105 | 771 | 52.16 | 0.1193 | 2000 |
| **Flicker** | 477 | 241.68 | 31.29 | 272.97 | 24/3.58 | 7/2.39 | 21.49 | 670 | 245 | 915 | 76.66 | 0.1199 | 3000 |
| Hawk | 477 | 241.68 | 39.42 | 281.10 | 26/3.44 | 7/2.67 | 21.79 | 670 | 308 | 978 | 86.65 | 0.1199 | 2000 |
| Hen | 477 | 241.68 | 56.39 | 298.07 | 30/3.20 | 7/3.20 | 22.40 | 671 | 441 | 1112 | 105.34 | 0.1201 | 2000 |
| Osprey | 556.5 | 282.00 | 15.68 | 297.68 | 18/4.47 | 1/4.47 | 22.35 | 777 | 122 | 899 | 60.88 | 0.1022 | 2000 |
| Parakeet | 556.5 | 282.00 | 36.58 | 318.58 | 24/3.87 | 7/2.58 | 23.22 | 781 | 286 | 1067 | 88.22 | 0.1027 | 3000 |
| Dove | 556.5 | 282.00 | 45.94 | 327.94 | 26/3.72 | 7/2.89 | 23.55 | 781 | 359 | 1140 | 101.03 | 0.1027 | 3000 |