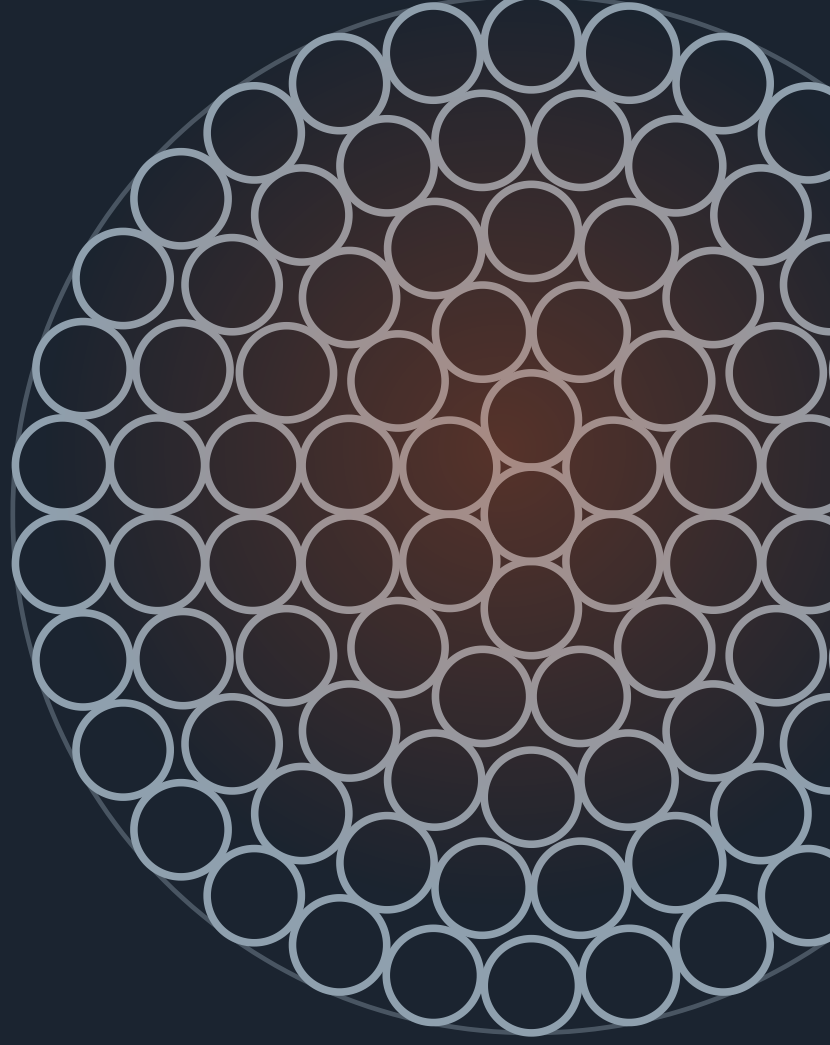




**AKZ**

ALUMINIUM KOOHRANG ZAGROS

BÖLÜM KATALOĞU



# 04

## AAAC – tüm alüminyum alaşım iletken

All-aluminium-alloy conductor

BS 3242

ASTM B399

IEC 61089

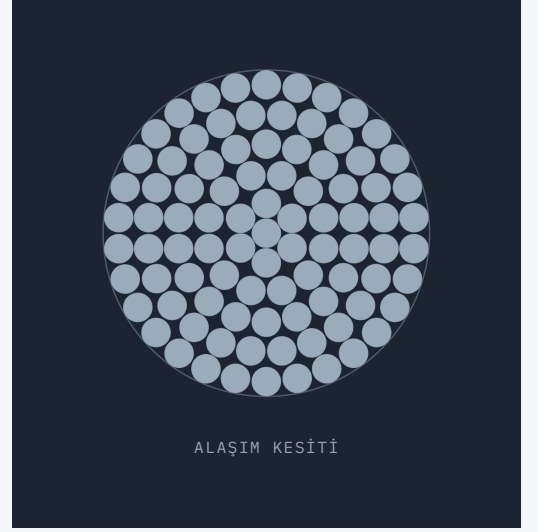
EN 50182

## GENEL BAKIŞ

# Daha yüksek dayanım, daha iyi korozyon direnci.

Sert çekilmiş 6201 alüminyum alaşım teller. AAC'ye kıyasla biraz iletkenlikten ödün vererek daha yüksek dayanım/ağırlık oranı ve daha iyi korozyon direnci sağlar — uzun açıklıklar ve kıyı/sanayi ortamları için uygundur.

BS 3242 ağaç kod adları, ASTM B399 şehir kod adları ve IEC metrik seri ile 6201 askı / katener alt kümesinde sunulur.



## UYGULAMALAR

Uzun iletim açıklıkları

Kıyı ve sanayi

Nehir geçişleri

Askı / katener

## STANDARTLAR

BS 3242

ASTM B399

IEC 61089

EN 50182

## 4.1 · Ağaç adı serisi

BS 3242 / EN 50182.

| Kod       | Nom.<br>mm <sup>2</sup> | Örgü<br>n × mm | Ø<br>mm | Ağırlık<br>kg/km | DC R<br>Ω/km | Kopma<br>kN |
|-----------|-------------------------|----------------|---------|------------------|--------------|-------------|
| BOX       | 19                      | 7 × 1.85       | 5.55    | 51               | 1.7658       | 5.28        |
| ACACIA    | 24                      | 7 × 2.08       | 6.24    | 65               | 1.3969       | 6.68        |
| ALMOND    | 30                      | 7 × 2.34       | 7.02    | 82               | 1.1037       | 8.44        |
| CEDAR     | 36                      | 7 × 2.54       | 7.62    | 97               | 0.9367       | 9.94        |
| DEODAR    | 42                      | 7 × 2.77       | 8.31    | 115              | 0.7876       | 11.82       |
| FIR       | 48                      | 7 × 2.95       | 8.85    | 131              | 0.6944       | 13.41       |
| HAZEL     | 60                      | 7 × 3.30       | 9.90    | 164              | 0.5549       | 16.78       |
| PINE      | 72                      | 7 × 3.61       | 10.83   | 196              | 0.4637       | 20.08       |
| HOLLY     | 84                      | 7 × 3.91       | 11.73   | 230              | 0.3953       | 23.56       |
| WILLOW    | 90                      | 7 × 4.04       | 12.12   | 245              | 0.3702       | 25.15       |
| OAK       | 119                     | 7 × 4.65       | 13.95   | 325              | 0.2795       | 33.32       |
| MULBERRY  | 151                     | 19 × 3.18      | 15.90   | 415              | 0.2212       | 42.30       |
| ASH       | 181                     | 19 × 3.48      | 17.40   | 497              | 0.1847       | 50.65       |
| ELM       | 211                     | 19 × 3.76      | 18.80   | 580              | 0.1582       | 59.13       |
| POPLAR    | 239                     | 37 × 2.87      | 20.09   | 659              | 0.1397       | 67.10       |
| SYCAMORE  | 303                     | 37 × 3.23      | 22.61   | 835              | 0.1103       | 84.98       |
| UPAS      | 362                     | 37 × 3.53      | 24.71   | 997              | 0.0923       | 101.50      |
| YEW       | 479                     | 37 × 4.06      | 28.42   | 1319             | 0.0698       | 134.26      |
| TOTARA    | 489                     | 37 × 4.14      | 29.0    | 1372             | 0.0660       | 146.93      |
| RUBUS     | 587                     | 61 × 3.50      | 31.50   | 1622             | 0.0567       | 173.13      |
| SORBUS    | 659                     | 61 × 3.71      | 33.4    | 1822             | 0.0505       | 194.53      |
| ARAUCARIA | 821                     | 61 × 4.14      | 37.30   | 2269             | 0.0406       | 242.24      |
| REDWOOD   | 996                     | 61 × 4.56      | 41.0    | 2753             | 0.0334       | 293.88      |

## 4.2 · Şehir adı serisi

ASTM B399 / IEC 61089.

| Kod      | Nom.<br>mm <sup>2</sup> | Örgü<br>n × mm | Ø<br>mm | Ağırlık<br>kg/km | DC R<br>Ω/km | Kopma<br>kN |
|----------|-------------------------|----------------|---------|------------------|--------------|-------------|
| ALTON    | 24.7                    | 7 × 2.12       | 6.4     | 68               | 1.3576       | 7.84        |
| AMES     | 39.3                    | 7 × 2.67       | 8.00    | 108              | 0.8533       | 12.40       |
| AZUSA    | 62.5                    | 7 × 3.37       | 10.1    | 172              | 0.5364       | 19.00       |
| ANAHEIM  | 78.7                    | 7 × 3.78       | 11.4    | 217              | 0.4255       | 24.00       |
| AMHERST  | 99.2                    | 7 × 4.25       | 12.8    | 273              | 0.3379       | 30.20       |
| ALLIANCE | 125.1                   | 7 × 4.77       | 14.3    | 345              | 0.2658       | 38.10       |
| BUTTE    | 158.5                   | 19 × 3.26      | 16.3    | 437              | 0.2114       | 46.70       |
| CANTON   | 199.9                   | 19 × 3.66      | 18.3    | 551              | 0.1675       | 59.00       |
| CAIRO    | 235.8                   | 19 × 3.98      | 19.9    | 650              | 0.1421       | 69.60       |
| DARIEN   | 283.5                   | 19 × 4.36      | 21.8    | 781              | 0.1181       | 83.60       |
| ELGIN    | 330.6                   | 19 × 4.71      | 23.5    | 911              | 0.1013       | 97.50       |
| FLINT    | 375.4                   | 37 × 3.59      | 25.2    | 1035             | 0.0892       | 108.00      |
| GREELEY  | 469.8                   | 37 × 4.02      | 28.1    | 1295             | 0.0712       | 136.00      |

## 4.3 · Metrik seri

ASTM B399 / IEC 61089.

| Al eşd.<br>mm <sup>2</sup> | Alaşım<br>mm <sup>2</sup> | Örgü<br>n × mm | Ø<br>mm | Ağırlık<br>kg/km | DC R<br>Ω/km | Kopma<br>kN |
|----------------------------|---------------------------|----------------|---------|------------------|--------------|-------------|
| 16                         | 18.4                      | 7 × 1.83       | 5.5     | 50               | 1.7896       | 5.43        |
| 25                         | 28.8                      | 7 × 2.29       | 6.90    | 79               | 1.1453       | 8.49        |
| 40                         | 46                        | 7 × 2.89       | 8.7     | 126              | 0.7158       | 13.58       |
| 63                         | 72.5                      | 7 × 3.63       | 10.90   | 198              | 0.4545       | 21.39       |
| 100                        | 115                       | 19 × 2.78      | 13.9    | 316              | 0.2877       | 33.95       |
| 125                        | 144                       | 19 × 3.10      | 15.50   | 395              | 0.2302       | 42.44       |
| 160                        | 184                       | 19 × 3.51      | 17.6    | 506              | 0.1798       | 54.32       |
| 200                        | 230                       | 19 × 3.93      | 19.60   | 633              | 0.1439       | 67.91       |
| 250                        | 288                       | 19 × 4.39      | 22      | 791              | 0.1151       | 84.88       |
| 315                        | 363                       | 37 × 3.53      | 24.70   | 999              | 0.0916       | 106.95      |
| 400                        | 460                       | 37 × 3.98      | 27.9    | 1268             | 0.0721       | 135.81      |
| 450                        | 518                       | 37 × 4.22      | 29.60   | 1427             | 0.0641       | 152.79      |
| 500                        | 575                       | 37 × 4.45      | 31.2    | 1586             | 0.0577       | 169.76      |
| 560                        | 645                       | 61 × 3.67      | 33.00   | 1778             | 0.0516       | 190.14      |
| 630                        | 725                       | 61 × 3.89      | 35      | 2001             | 0.0485       | 213.90      |
| 710                        | 817                       | 61 × 4.13      | 37.20   | 2255             | 0.0407       | 241.07      |
| 800                        | 921                       | 61 × 4.38      | 39.5    | 2541             | 0.0361       | 271.62      |
| 900                        | 1036                      | 91 × 3.81      | 41.80   | 2861             | 0.0321       | 305.58      |
| 1000                       | 1151                      | 91 × 4.01      | 44.1    | 3179             | 0.0289       | 339.53      |
| 1120                       | 1289                      | 91 × 4.25      | 46.70   | 3561             | 0.0258       | 380.27      |
| 1250                       | 1439                      | 91 × 4.49      | 49.4    | 3974             | 0.0231       | 424.41      |

## 4.4 · Alaşım askı iletkeni

6201 askı / katener — kendini taşıyan kabloda mekanik gerilimi taşır.

| Nom. kesit<br>mm <sup>2</sup> | Örgü<br>n × mm | Ø<br>mm | Ağırlık<br>kg/km | DC R @20°C<br>Ω/km | Kopma<br>kN |
|-------------------------------|----------------|---------|------------------|--------------------|-------------|
| 35                            | 7 × 2.54       | 7.6     | 97               | 0.9500             | 9.94        |
| 50                            | 7 × 3.15       | 9.5     | 149              | 0.6300             | 15.3        |
| 70                            | 7 × 3.61       | 10.8    | 196              | 0.5000             | 20.0        |

**AKZ**

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**TÜM YELPAZEYİ KEŞFEDİN****01 Alüminyum ve alaşım  
filmaşın**Aluminium &  
alloy rod**03 AAC** All-aluminium conductor**06 ACSR-AW** Alloy-clad-steel reinforced**08 Messenger** Alloy messenger conductor**02 Alüminyum  
kaynak teli**Aluminium welding wire —  
ER4043**05 ACSR** Steel-reinforced conductor**07 OPGW** Optical ground wire

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