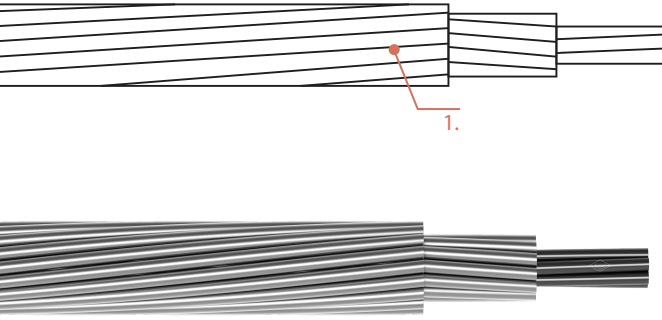




YAPISI / CONSTRUCTION

1. Merkezde Çelik Teller Etrafında
Alüminyum Çıplak Örgülü İletken

1. Aluminum Bare Stranded Conductor
Around Steel Wires in the Center

Standartlar: TS EN 50182, TEDAŞ-MYD/96-014

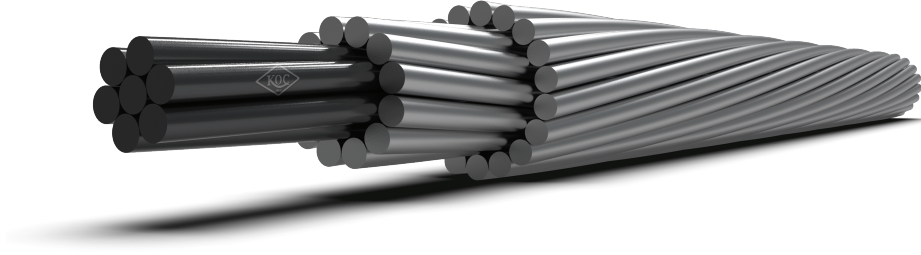
KULLANIM YERLERİ / APPLICATIONS

- Çelik özlü alüminyumdan üretilmiş, yüksek mekanik dayanım gerektiren uzun açıklıklı enerji iletim hatlarında kullanılan bir havai hat iletkenidir.
- Steel-reinforced aluminum overhead line conductor designed for long-span power transmission lines requiring high mechanical strength.

Cins	Kesit	Alüminyum Kesit (mm²)	Çelik Kesit (mm²)	Toplam Kesit (mm²)	AWG Kesit	Çelik Tel Sayısı	Çelik Tel Çapı (mm)	Alüminyum Tel Sayısı	İletken Büküm Çapı (mm)
Type	Cross-Section	Aluminum Cross-Section (mm²)	Steel Cross-Section (mm²)	Total Cross-Section (mm²)	AWG Cross-Section	Number of Steel Wires	Steel Wire Diameter (mm)	Number of Aluminum Wires	Conductor Bending Diameter (mm)

ACSR

TUHRUS	17/3	16,83	2,80	19,63	5	1	1,89	6	5,67
SWAN	21/4	21,18	3,53	24,71	4	1	2,12	6	6,36
SWALLOW	27/4	26,69	4,45	31,14	3	1	2,38	6	7,14
SPARROW	34/6	33,59	5,60	39,19	2	1	2,67	6	8,01
ROBIN	42/7	42,41	7,07	49,48	1	1	3,00	6	9,00
RAVEN	54/9	53,52	8,92	62,44	1/0	1	3,37	6	10,11
QUALL	67/11	67,33	11,22	78,55	2/0	1	3,78	6	11,34
PIGEON	85/14	85,12	14,18	99,30	3/0	1	4,25	6	12,75
WAXWING	135/7	134,98	7,50	142,48	266800	1	3,09	18	15,45
PARTRIGE	135/22	134,87	21,99	156,86	266800	7	2,00	26	16,28
PHEOBE	152/8	152,09	8,45	160,54	300000	1	3,28	18	16,40
OSTRICH	152/25	152,19	24,71	176,90	300000	7	2,12	26	17,28
HAWK	242/39	241,65	39,19	280,84	477000	7	2,67	26	21,77
DRAKE	403/65	402,56	65,44	468,00	795000	7	3,45	26	28,11
CARDINAL	485/63	484,53	62,81	547,34	954000	7	3,38	54	30,42
PHEASANT	645/82	645,08	81,71	726,79	1272000	19	2,34	54	35,10



Cins	Kesit	Alüminyum Kesit (mm ²)	Çelik Kesit (mm ²)	Toplam Kesit (mm ²)	AWG Kesit	Çelik Tel Sayısı	Çelik Tel Çapı (mm)	Alüminyum Tel Sayısı	İletken Büküm Çapı (mm)
Type	Cross-Section	Aluminum Cross-Section (mm ²)	Steel Cross-Section (mm ²)	Total Cross-Section (mm ²)	AWG Size	Number of Steel Wires	Steel Wire Diameter (mm)	Number of Aluminum Wires	Conductor Stranding Diameter (mm)
OSTRICH	152/25	152,19	24,71	176,90	300000	7	2,12	26	17,28
HAWK	242/39	241,65	39,19	280,84	477000	7	2,67	26	21,77
DRAKE	403/65	402,56	65,44	468,00	795000	7	3,45	26	28,11
CARDINAL	485/63	484,53	62,81	547,34	954000	7	3,38	54	30,42
PHEASANT	645/82	645,08	81,71	726,79	1272000	19	2,34	54	35,10

Cins	Kopma Yüğü (N/mm ²)	İletkenlik Direnci 20°C (Ohm/km)	Al. Birim Ağırlık (kg/km)	Çelik Birim Ağırlık (kg/km)	Toplam Ağırlık (kg/km)	Makara Ebatı (cm)	Makara Uzunluk (m)	Net Ağırlık (kg)
Type	Breaking Load (N/mm ²)	Conductor DC Resistance 20°C (ohm/km)	Al. Unit Weight (kg/km)	Steel Unit Weight (kg/km)	Total Unit Weight (kg/km)	Spool Size (cm)	Spool Length (m)	Net Weight (kg)
TUHRUS	665,0	1,0750	46,20	21,80	68,00	100	6*1600	653
SWAN	831,0	1,3550	58,10	27,50	85,60	100	5*1600	685
SWALLOW	1038,0	1,0742	73,20	34,60	107,80	100	2*3200	690
SPARROW	1264,0	0,8540	92,10	43,60	135,70	100	3*1600	652
ROBIN	1579,0	0,6770	116,40	55,00	171,40	100	2*1600	550
RAVEN	1945,0	0,5360	146,80	69,40	216,20	100	2*1600	692
QUALL	2430,0	0,4260	184,70	87,30	272,00	100	2.400	653
PIGEON	2995,0	0,3366	233,50	110,40	343,90	100	1.600	550
WAXWING	3220,0	0,2130	371,80	58,30	430,10	100	1.600	688
PARTRIGE	5113,0	0,2140	372,20	171,60	543,80	120	1.600	870
PHEOBE	3628,0	0,1891	418,90	65,70	484,60	120	2.000	1.212
OSTRICH	5736,0	0,1900	420,00	192,60	612,60	120	1.600	981
HAWK	8792,0	0,1194	666,80	306,00	972,80	150	1.600	1.567
DRAKE	14165,0	0,0720	1110,90	511,00	1621,90	180	1.600	2.595
CARDINAL	15589,0	0,0600	1339,60	190,20	1529,80	200	2.100	3.843
PHEASANT	20383,0	0,0450	1783,80	639,70	2423,50	300	1.500	3.636