

## Conductoare din otel-aluminiu, conform ASTM B232-1992

### ACSR, Aluminium Conductors Steel Reinforced, according to ASTM B232-1992

Tip conductor	Sectiune			Otel		Aluminiu		Conductor		Forta de rupere nominala	Rezistenta electrica la 20 °C	Capacitatea de transport a curentului
	Aluminiu	Otel	Totala	Numar sarme	Diametru	Numar sarme	Diametru	Diametru	Masa			
Code	Cross sectional area			Steel		Aluminium		ACSR		Breaking Load	Resistance at 20 °C	Current carrying capacity
	AL.	ST.	ACSR	No. of wires	Diameter	No. of wires	Diameter	Diameter	Weight			
	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>		mm		mm	mm	kg			
TURKEY	13.30	2.21	15.51	1	1.68	6	1.68	5.04	53.5	5300	2.15700	78
THRUSH	16.83	2.81	19.64	1	1.89	6	1.89	5.67	68.0	6600	1.71000	91
SWAN	21.18	3.53	24.71	1	2.12	6	2.12	6.36	85.0	8300	1.35600	105
SWANATE	21.12	5.35	26.47	1	2.61	7	1.96	6.53	100.0	10500	1.35600	104
SWALLOW	26.69	4.45	31.14	1	2.38	6	2.38	7.14	108.0	10200	1.07600	121
SPARROW	33.60	5.60	39.20	1	2.67	6	2.67	8.01	136.0	12650	0.85300	139
SPARATE	33.54	8.55	42.09	1	3.30	7	2.47	8.24	159.0	16200	0.85300	138
ROBIN	42.41	7.07	49.48	1	3.00	6	3.00	9.00	171.0	15900	0.67650	160
RAVEN	53.52	8.92	62.44	1	3.37	6	3.37	10.11	216.0	19500	0.53640	183
QUAIL	67.33	11.22	78.55	1	3.78	6	3.78	11.34	273.0	23500	0.42550	210
PIGEON	85.14	14.19	99.33	1	4.25	6	4.25	12.75	343.0	29500	0.33730	241
PENGUIN	107.22	17.87	125.09	1	4.77	6	4.77	14.31	433.0	37200	0.26760	276
WAXWING	134.98	7.50	142.48	1	3.09	18	3.09	15.45	432.0	30600	0.21330	319
OWL	135.39	17.62	153.00	7	1.79	6	5.36	16.09	510.0	43150	0.21330	322
PARTRIDGE	134.87	22.00	156.87	7	2.00	26	2.57	16.28	547.0	50200	0.21420	323
OSTRICH	152.19	24.71	176.90	7	2.12	26	2.73	17.28	614.0	56500	0.19060	346
MERLIN	170.22	9.46	179.68	1	3.47	18	3.47	17.35	544.0	38600	0.16920	366
LINNET	170.55	27.83	198.38	7	2.25	26	2.89	18.31	689.0	62800	0.16990	371
ORIOLE	170.50	39.78	210.28	7	2.69	30	2.69	18.83	784.0	77200	0.17040	372
CHICKADEE	200.93	11.16	212.09	1	3.77	18	3.77	18.85	642.0	44200	0.14320	403
BRANT	201.56	26.13	227.69	7	2.18	24	3.27	19.62	762.0	65100	0.14380	405
IBIS	201.34	32.73	234.07	7	2.44	26	3.14	19.88	814.0	72500	0.14380	403
LARK	200.90	46.88	247.78	7	2.92	30	2.92	20.44	927.0	90400	0.14420	410
PELICAN	242.31	13.46	255.77	1	4.14	18	4.14	20.70	771.0	52300	0.11930	449
FLICKER	241.58	31.40	272.98	7	2.39	24	3.58	21.49	915.0	76300	0.11990	454
HAWK	241.65	39.49	281.14	7	2.68	26	3.44	21.80	978.0	87000	0.11990	455
HEN	241.27	56.30	297.57	7	3.20	30	3.20	22.40	1112.0	105900	0.12020	457
OSPREY	282.47	15.69	298.17	1	4.47	18	4.47	22.35	899.0	61000	0.10220	492
PARAKEET	282.31	36.60	318.90	7	2.58	24	3.87	23.22	1067.0	88200	0.10280	492
DOVE	282.59	45.92	328.51	7	2.89	26	3.72	23.55	1140.0	101000	0.10280	499
EAGLE	282.07	65.82	347.89	7	3.46	30	3.46	24.22	1298.0	123600	0.10300	500
PEACOCK	306.14	39.78	345.92	7	2.69	24	4.03	24.19	1160.0	95800	0.09449	522
SQUAB	305.83	49.81	355.64	7	3.01	26	3.87	24.51	1240.0	106900	0.09449	523
WOODDUCK	307.06	71.65	378.71	7	3.61	30	3.61	25.27	1411.0	128500	0.09473	523
TEAL	307.06	69.62	376.68	19	2.16	30	3.61	25.24	1397.0	133400	0.09475	527
KINGBIRD	323.01	17.95	340.96	1	4.78	18	4.78	23.90	1028.0	69600	0.08942	530
ROOK	323.07	41.88	364.95	7	2.76	24	4.14	24.84	1219.0	101000	0.08989	537
GROSBEAK	321.84	52.49	374.33	7	3.09	26	3.97	25.15	1302.0	111800	0.08989	538
SCOTER	322.56	75.26	397.82	7	3.70	30	3.70	25.90	1483.0	135300	0.09011	541
EGRET	322.56	73.54	396.10	19	2.22	30	3.70	25.90	1470.0	140200	0.09012	542
FLAMINGO	337.27	43.72	380.99	7	2.82	24	4.23	25.38	1278.0	105900	0.08576	552

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ACSR, Aluminium Conductors Steel Reinforced, according to ASTM B232-1992

Tip conductor	Sectiune			Otel		Aluminiu		Conductor		Forta de rupere nominala	Rezistenta electrica la 20 °C	Capacitatea de transport a curentului
	Aluminiu	Otel	Totala	Numar sarme	Diametru	Numar sarme	Diametru	Diametru	Masa			
Code	Cross sectional area			Steel		Aluminium		ACSR		Breaking Load	Resistance at 20 °C	Current carrying capacity
	AL.	ST.	ACSR	No. of wires	Diameter	No. of wires	Diameter	Diameter	Weight			
	mm <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>		mm		mm	mm	kg			
GANNET	338.26	54.90	393.16	7	3.16	26	4.07	25.76	1365.0	117700	0.08576	618
CROW	361.62	46.88	408.50	7	2.92	54	2.92	26.28	1371.0	115700	0.07992	577
STILT	363.27	46.88	410.15	7	2.92	24	4.39	26.32	1372.0	113750	0.07989	577
STARLING	361.93	59.15	421.08	7	3.28	26	4.21	26.68	1466.0	126500	0.07992	578
REDWING	362.06	82.41	444.47	19	2.35	30	3.92	27.43	1653.0	154000	0.08009	581
TERN	403.77	27.83	431.60	7	2.25	45	3.38	27.03	1333.0	98300	0.07192	610
CONDOR	402.33	52.15	454.48	7	3.08	54	3.08	27.72	1524.0	125500	0.07192	614
CUCKOO	402.33	52.15	454.48	7	3.08	24	4.62	27.72	1524.0	124500	0.07190	614
DRAKE	402.56	65.44	468.00	7	3.45	26	4.44	28.11	1628.0	140200	0.07192	614
MALLARD	403.84	91.78	495.62	19	2.48	30	4.14	28.96	1838.0	170600	0.07208	618
CRANE	442.47	57.36	499.83	7	3.23	54	3.23	29.07	1676.0	138300	0.06539	649
RUDDY	455.50	31.67	487.17	7	2.40	45	3.59	28.74	1509.0	108900	0.06356	656
CANARY	456.28	59.15	515.43	7	3.28	54	3.28	29.52	1724.0	142200	0.06352	660
RAIL	483.84	33.54	517.38	7	2.47	45	3.70	29.61	1599.0	115700	0.05994	679
CARDINAL	484.53	62.81	547.34	7	3.38	54	3.38	30.42	1829.0	150000	0.05994	681
ORTLAN	523.87	36.31	560.18	7	2.57	45	3.85	30.81	1734.0	123600	0.05531	712
CURLEW	525.50	68.12	593.62	7	3.52	54	3.52	31.68	1981.0	162800	0.05531	715
BLUEJAY	565.49	38.90	604.39	7	2.66	45	4.00	31.98	1875.0	132400	0.05161	743
FINCH	565.03	71.57	636.60	19	2.19	54	3.65	32.85	2130.0	173600	0.05161	746
BUNTING	605.76	41.88	674.64	7	2.76	45	4.14	33.12	2008.0	142200	0.04820	772
GRACKLE	602.79	76.89	679.68	19	2.27	54	3.77	33.97	2282.0	186300	0.04820	773
BITTERN	644.40	44.66	689.06	7	2.85	45	4.27	34.17	2143.0	152000	0.04518	802
PHEASANT	645.08	81.71	726.79	19	2.34	54	3.90	35.10	2433.0	194200	0.04518	807
DIPPER	684.24	46.88	731.12	7	2.92	45	4.40	35.16	2275.0	160800	0.04259	831
MARTIN	685.39	86.67	772.06	19	2.41	54	4.02	36.17	2585.0	205900	0.04259	835
BOBOLINK	725.27	50.14	775.41	7	3.02	45	4.53	36.24	2410.0	170600	0.04016	859
PLOVER	726.92	91.78	818.70	19	2.48	54	4.14	37.24	2738.0	217700	0.04016	862
NUTHATCH	764.20	52.83	817.03	7	3.10	45	4.65	37.20	2543.0	178500	0.03802	886
PARROT	766.06	97.03	863.09	19	2.55	54	4.25	38.25	2890.0	230450	0.03802	890
LAPWING	804.15	55.60	859.75	7	3.18	45	4.77	38.16	2678.0	187300	0.03612	911
FALCON	806.23	102.43	908.66	19	2.62	54	4.36	39.26	3042.0	243200	0.03612	917
CHUKAR	903.18	73.54	976.72	19	2.22	84	3.70	40.70	3087.0	228500	0.03228	975
GROUSE	40.54	14.12	54.66	1	4.24	8	2.54	9.32	222.0	23150	0.71130	155
PETREL	51.61	30.10	81.71	7	2.34	12	2.34	11.70	378.0	46100	0.56170	187
MINORCA	56.11	32.73	88.84	7	2.44	12	2.44	12.20	412.0	50200	0.51610	197
LEGHORN	68.20	39.78	107.98	7	2.69	12	2.69	13.45	500.0	60500	0.42490	221
GUINEA	80.36	46.88	127.24	7	2.92	12	2.92	14.60	590.0	71100	0.35960	244
DOTTEREL	89.41	52.15	141.56	7	3.08	12	3.08	15.40	657.0	77200	0.32320	260
DORKING	96.51	56.30	152.81	7	3.20	12	3.20	16.00	709.0	83160	0.29960	272
COCHIN	107.04	62.44	169.48	7	3.37	12	3.37	16.85	785.0	92200	0.27060	288
BRAHMA	102.79	91.78	194.57	19	2.48	16	2.86	18.12	1007.0	126500	0.28140	287