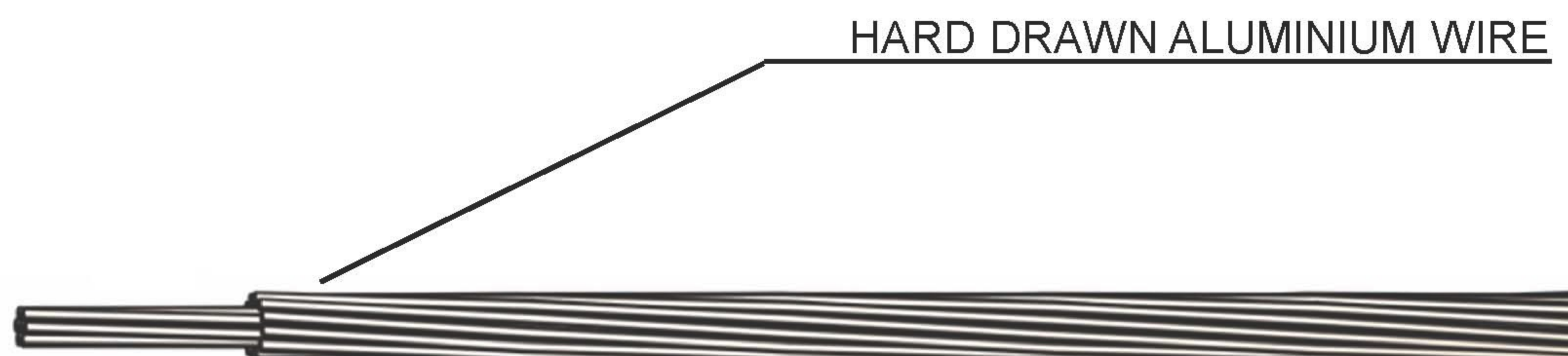


ALL ALUMINIUM STRANDED CONDUCTOR**CABLE STRUCTURE**

CONDUCTOR	:	Concentric stranded hard drawn aluminium wires, Sizes. 16 mm ² up to 500 mm ²
STANDING DIRECTION	:	Z - Stranding
REFERENCE	:	TIS 85-2548

**AAC**

Nominal Cross Sectional Area (mm ²)	Number and approx. diameter of wire (No./mm)	Approx. Overall Conductor diameter (mm)	Maximum Conductor resistance at 20°C (Ω-Km)	Breaking Strength (Kgf)	Maximum Continuous Current Rating in Free air (Ampere)	Cable Weight (approx.) (Kg/Km)	Standard length (m)
16	7/1.70	5.10	1.802	290	110	44	3000/D
25	7/2.14	6.42	1.138	440	145	70	3000/D
35	7/2.52	7.56	0.820	585	180	95	3000/D
50	7/3.02	9.06	0.571	805	225	140	2500/D
50	19/1.83	9.15	0.5757	890	225	140	2500/D
70	19/2.15	10.75	0.4171	1,205	270	190	2500/D
95	19/2.52	12.60	0.3036	1,585	340	260	2500/D
120	19/2.85	14.25	0.2374	1,980	390	330	2000/D
150	37/2.25	15.75	0.1960	2,570	455	400	2000/D
185	37/2.52	17.64	0.1563	3,085	550	500	2000/D
240	61/2.25	20.25	0.1192	4,015	625	650	1500/D
300	91/2.52	22.68	0.0950	4,820	710	850	1500/D
400	61/2.85	25.65	0.0743	6,025	855	1,100	1000/D
500	61/3.25	29.25	0.0571	7,695	990	1,400	1000/D

C: Packing in coil.

D: Packing in drum.