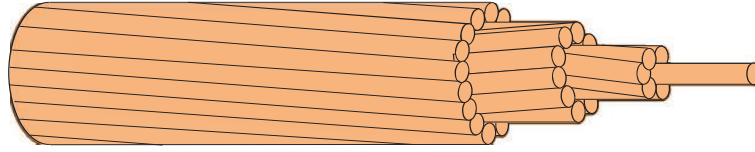


## HARD DRAWN COPPER STRANDED CONDUCTOR

 TIS 64-2517


## CABLE STRUCTURE

**Conductor** : Hard drawn copper wires, concentric stranded conductor  
 Size 10 mm<sup>2</sup> up to 500 mm<sup>2</sup>  
 Stranding direction the outermost layer Z

## TECHNICAL DATA

**Reference standard** : TIS 64-2517

## APPLICATION

For grounding wire

Nominal cross sectional area	Number and diameter of wires	Conductor diameter approx.	Conductor resistance at 20°C maximum	Breaking strength	Continuous current rating in free air at 40°C maximum	Cable weight approx.	Standard Length
(mm <sup>2</sup> )	(No./mm)	(mm)	(Ω/km)	(kgf)	(A)	(kg/km)	(m)
10	7/1.35	4.05	1.80548	438	90	90	100/C
16	7/1.70	5.10	1.13857	694	125	140	100/C
25	7/2.14	6.42	0.71851	1,076	160	230	100/C
35	7/2.52	7.56	0.51815	1,459	200	320	100/C
50	7/3.02	9.06	0.35896	2,095	250	450	100/C
50	19/1.78	8.90	0.38252	2,021	250	430	100/C
70	19/2.14	10.70	0.26466	2,921	310	600	500/D
95	19/2.52	12.60	0.19183	3,961	380	850	500/D
120	19/2.85	14.25	0.14922	5,067	440	1100	500/D
150	37/2.25	15.75	0.12384	6,289	510	1300	500/D
185	37/2.52	17.64	0.09813	7,713	585	1700	500/D
240	61/2.25	20.25	0.07528	10,369	700	2200	500/D
300	61/2.52	22.68	0.06002	12,717	800	2800	500/D
400	61/2.85	25.65	0.04692	16,266	900	3600	500/D
500	61/3.20	28.80	0.03703	20,506	1110	4500	500/D

C : Packing in Coil  
 D : Packing in Drum

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