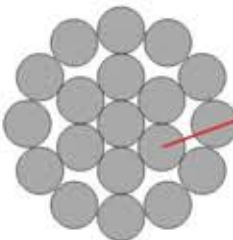


GALVANIZED STEEL WIRE STRANDS



Construction :



Galvanized Steel Wire Strands



Application :

Generally used for overhead ground wires, buried ground wires, messenger wires, and supporting cables for power lines and electric communication lines.



Technical Data :

Standard : According to JIS G 3537 : 2011



Special Features Upon Request

Technical Data of Wire Strands

Type No.	No. Of Wires & Diameter	Outside Diameter of Strand	Nominal Cross Section Area	Tensile Load of Steel Wire Strand			Standard Mass
				Min. (kN)			
				Grade 1	Grade 2	Grade 3	
	n/ mm	mm	mm²				Kg/Km
No. 2	7/1.00	3.00	5.50	6.19	4.48	3.47	43.5
	7/1.20	3.60	7.92	8.90	6.44	4.99	62.7
	7/1.40	4.20	10.80	12.20	8.78	6.83	85.3
	7/1.60	4.80	14.10	15.90	11.50	8.90	111
	7/1.80	5.40	17.80	20.10	14.40	11.30	141
	7/2.00	6.00	22.00	24.80	17.80	13.90	174
	7/2.30	6.90	29.10	32.80	23.60	18.30	230
	7/2.60	7.80	37.20	42.00	30.20	23.50	294
	7/2.90	8.70	46.20	52.20	37.60	29.20	366
	7/3.20	9.60	56.30	63.70	45.70	35.60	446
	7/3.50	10.50	67.30	75.80	54.70	42.50	533
	7/3.80	11.40	79.30	89.60	64.40	50.10	628
	7/4.00	12.00	88.00	99.10	71.40	55.60	696
No. 3	19/1.60	8.00	38.20	42.10	30.40	23.60	304
	19/1.80	9.00	48.30	53.30	38.40	29.80	384
	19/2.00	10.00	59.70	65.90	47.50	36.90	474
	19/2.30	11.50	78.90	87.00	62.80	48.80	627
	19/2.60	13.00	102.00	112.00	80.10	62.40	802
	19/2.90	14.50	125.00	138.00	100.00	77.50	997
	19/3.20	16.00	153.00	170.00	122.00	94.04	1210
	19/3.50	17.50	183.00	201.00	145.00	113.00	1450

GALVANIZED STEEL WIRE STRANDS

Technical Data of Single Wire for Wire Strands

Diameter and Tolerance	Tensile Load			Elongation			Min. Torsion		Min. Mass of Zinc Coating		
	kN			%			Times		g/m ²		
	Grade 1	Grade 2	Grade 3	Grade 1	Grade 2	Grade 3	Grade 1	Grade 2	Class Super A	Class A	Class B
1.00±0.05	0.961	0.696	0.539	2	2	2	18	14	160	110	80
1.20±0.05	1.38	1.00	0.775	2	2	2	18	14	160	110	80
1.40±0.05	1.88	1.36	1.06	2	2	2	18	14	160	130	90
1.60±0.05	2.46	1.78	1.38	2	2	2	18	14	180	130	90
1.80±0.06	3.12	2.25	1.75	3	3	3	16	12	180	160	110
2.00±0.06	3.85	2.78	2.16	3	4	4	16	12	200	160	110
2.30±0.06	5.09	3.67	2.85	3	4	4	16	12	220	200	140
2.60±0.08	6.51	4.69	3.65	3	4	4	16	12	220	200	140
2.90±0.08	8.1	5.83	4.53	3	4	4	14	10	-	230	160
3.20±0.08	9.9	7.1	5.52	4	5	5	14	10	-	230	160
3.50±0.10	11.8	8.49	6.6	4	5	5	14	10	-	250	175
3.80±0.10	13.9	10	7.79	4	5	5	14	10	-	250	175
4.00±0.10	15.4	11.1	8.63	4	5	5	14	10	-	250	175

GALVANIZED STEEL WIRE STRANDS