



佳大世界股份有限公司

CHIA TA WORLD CO.,LTD



公司簡介

創立：於民國六十二年四月設廠於台南市永康區，六十六年八月增設分廠於高雄市林園區，民國八十五年九月增設分廠於台南市永康區

資本額：新台幣捌億元

面積：34,997平方公尺

員工：173人

產品品質認證

- 經濟部標準檢驗局：ISO9001 / CNS 12681 品質管理系統評鑑合格認可登錄
- 預力混凝土用鋼線及網紋線：CNS 3332 G3073號 字標記
- 硬鋼線：CNS 3697 G3079號 字標記
- 預力混凝土用鋼筋（棒）：CNS 9272 G3192號 字標記
- 預力混凝土用鋼筋（棒）：日本國土交通省證證
- 基樁用高拉力補強鐵線：日本國土交通省證證
- 鍍鋅鋼絞線：CNS 2672 G3047號 字標記
- 財團法人全國認證基金會：TAF機械性質測試實驗室評鑑合格登錄
- 細徑異形PC鋼棒：JIS G3137認證
- 鋼纜：CNS 12681 G3011號 字標記

Company Profile

Chia Ta World Co.,Ltd.(ISO 9001) was established in 1973 at Tainan, Taiwan. Due to the production expansion, the company has been further invested two additional manufacturing sites in 1977 (Lin-Yuan) and 1996 (Yung-Kang)

- Capital : NT\$800,000,000
- Occupied Area : 34,997M²
- Employee : 173

Quality Assurance

- Quality Management System : ISO 9001 (2008) / CNS 12681 (BSMI)
- P.C. Steel Wire & Strand : CNS 3332 G3073 (CNS mark)
- High Carbon Steel Wire : CNS3 697 G3079 (CNS mark)
- P.C.Steel Bar : CNS 9272 G3192 (CNS mark)
- P.C.Steel Bar : Accreditation from MLTI, Japan
- Low Carbon Steel Wore for Piles : Accreditation from MLTI, Japan
- Galvanized Steel Wire Strand : CNS 2672 G3047 (CNS mark)
- Mechanical Property Test Laboratory : TAF, Accreditation No.0437
- Small Diameter Steel Bars for prestressed concrete : JIS G3137 (JIS mark)
- Steel Wire Ropes : CNS 12681 G3011 (CNS mark)

目錄

Table of Contents

3

鋼纜使用須知

Directions for Wire Rope's Usage

鋼纜之撚法

Lay of Wire Rope

鋼纜直徑之量法

How to Measure the Diameter of Wire Rope

鋼纜之訂購

Order for Wire Rope

5

鋼纜規格

Specification of Wire Rope

交叉(或點接觸)撚鋼纜

Cross or Point-Contact Lat Rope

平行(或線接觸)撚鋼纜

Parallel or Linear-Contact Lat Rope

8

鋼纜橫截面圖

Typical Cross Section of Wire Rope and Strand

6x7

6x12

6x19

6x24

6x30

6x37

6xS(19)H.C

6xS(19)I.W.R.C

6xW(19)H.C

6xW(19)I.W.R.C

6xFi(25)H.C

6xFi(25)I.W.R.C

6xWS(26)H.C

6xWS(26)I.W.R.C

6xFi(29)H.C

6xWS(36)H.C

6xSeS(37)H.C

6xFi(29)I.W.R.C、6xWS(36)I.W.R.C、

6xSeS(37)I.W.R.C

8xS(19)、8xW(19)、8xFi(25)

7x7

7x19

31

鍍鋅鋼絞線

Galvanized Steel Wire Strand

鋼纜使用須知

Directions for Wire Rope's Usage

1. 鋼纜之撚法

鋼纜之撚法一般可分為普通撚法(Regular Lay)與蘭氏撚法(Lang's Lay)兩種，鋼纜撚絞方法可分之Z形與S形兩種。



普通Z形撚法

Right Hand (Z) Regular Lay



普通S形撚法

Left Hand (S) Regular Lay



蘭氏Z形撚法

Right Hand (Z) Lang's Lay



蘭氏S形撚法

Left Hand (S) Lang's Lay

Lay of Wire Rope

Wire rope are generally laid in two manners: Regular Lay and Lang's Lay and are also laid in two directions as Z-type and S-type.

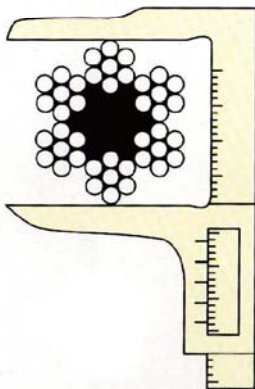
2. 鋼纜直徑之量法

鋼纜之直徑係量其外接圓之直徑作為標準，下圖第一圖所示為正確之量法，第二圖所示為錯誤的量法。

How to Measure the Diameter of Wire Rope

As shown in the drawings below : Drawing 1 indicates correct measurement of diameter and Drawing 2 indicates incorrect measurement.

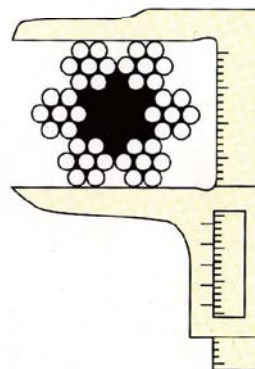
第 1 圖



正確之量法

Correct Measuring

第 2 圖



錯誤之量法

Incorrect Measuring

鋼纜之訂購

Order for Wire Rope

◆ 訂購鋼纜時，請賜知下列各項

1. 直徑：如16mm或5/8"
2. 構造：如股數，每股鋼線數及心綱之種類。
3. 種別：如G種 $1470\text{N}/\text{mm}^2$ ($150\text{kgf}/\text{mm}^2$)或A種 $1620\text{N}/\text{mm}^2$ ($165\text{kgf}/\text{mm}^2$)。B種 $1770\text{N}/\text{mm}^2$ ($180\text{kgf}/\text{mm}^2$)。
4. 撚法：如正常撚法或蘭氏撚法。
5. 撚向：如Z撚或S撚。
6. 鍍鋅與否：如鍍鋅或無鍍鋅。
7. 潤滑油：如紅油或黑油。
8. 預成型或非預成型。
9. 數量：每捲長度及捲數。
如210m X 10捲，1000m X 2捲。
10. 包裝：一般編織布包裝或木桶裝。
11. 用途：如起重機用，船舶用，吊橋用等。
12. 交貨日期。
13. 交貨地點：註明商號及詳細地址。
14. 依據標準：如CNS, JIS, BS, FS, DIN等。

若承蒙提供詳細資料，能使我們更清楚地了解您的使用情形，並為您選擇最適合用途之鋼纜以滿足實際需要。

若未等別聲明均依標準品提供正常撚法、Z撚、預成型鋼纜。

◆ In ordering steel wire rope please answer the following items:

1. Diameter of rope : as 16mm or 5/8 in.
2. Construction : No. of strands, wires in the strand and kind of center core.
3. Grade : as G-Grade ($1470\text{N}/\text{mm}^2$) or A-Grade ($1620\text{N}/\text{mm}^2$), B-Grade ($1770\text{N}/\text{mm}^2$).
4. Type of Laying : ordinary-lay or Lang's-lay.
5. Direction of Laying : Right-hand (Z) lay or Left-hand (S) lay.
6. Galvanized or Ungalvanized.
7. Kind of Lubricant : Rope grease or Composition oil.
8. Preformed or Non-preformed.
9. Quantity : Length per coil and Nos of coil.
10. Packing : Wrapping with Hessian cloth or wooden reel.
11. Use of rope and conditions under which the rope is operate.
12. Delivery.
13. Destination.
14. Specification corresponding : as CNS, JIS, BS, FS, DIN, etc.

Information in detail will enable us to form a clear conception for rope work in your operation and to select the most suitable rope for you.

In case of no specific prescription, we supply Ordinary-lay, Right-hand (Z) Lay rope, preformed.

鋼纜規格

Specifications of Wire Rope

本規格內容主要係根據CNS及日本工業規格JIS G 3525 (1988) 訂定，適用於機械、建築、船舶、漁業、林業、礦業、索道、升降機等一般用途之鋼纜。

1. 交叉（或點接觸）撚鋼纜（Cross or Point-Contact Lay Rope）

交叉撚鋼纜係經數十年使用最具親近感的鋼纜，現在仍在廣泛使用。其構造符號及主要用途如下表所示：

鋼纜之構造符號	主要用途
6 x 7	①捲揚機主索用②索道主索、曳索用③立坑斜坑捲揚用 ④豎坑掘削導引用⑤拖曳用⑥支索用（含船舶用）
6 x 12	①船舶用②筏連結用（現在甚少使用）
6 x 19	①林場作業索用②豎坑捲揚用③拖曳用④支索用（含船舶用） ⑤鑿孔用⑥捲揚機及其他各種機械用
6 x 24	①吊車等荷重用②玉掛用（鉤掛索）③定置網、環網等水產用 ④升降機用⑤繫留索、挽索、荷重等船舶用⑥捲揚機及其他各種機械用
6 x 30	①船舶荷重用（現在甚少使用）
6 x 37	①吊車等荷重用②玉掛用（鉤掛索）③荷重等船舶用 ④捲揚機、索道之緊張索用⑤其他各種機械用
6 x 61	①吊車等荷重用②玉掛用（鉤掛索）③索道之緊張索用 ④其他各種機械用
8 x S (19)	①電梯鋼索用



鋼纜規格

Specifications of Wire Rope

2. 平行（或線接觸）撚鋼纜（Parallel or Linear-Contact Lay Rope）

◆ 平行撚鋼纜之演變

平行撚鋼纜自從2次大戰前即在一部份地區被使用，但其性能之優異性並沒有普遍眾知。

自從2次大戰之後，隨著各產業界急速機械化及效率化，比原來交叉撚鋼纜更具高性能之鋼纜，需求越加殷切。平行撚鋼纜經實際使用成績證明最適合高性能、高效率之機械，並獲普遍好評。

在初期，平行撚鋼纜之基本型－緊密型(Seal Type)，華氏型(Warrington Type)及填充型(Filler Type)，三者中以填充型之使用佔最多。以後隨著其使用範圍之擴大，繼續開發出交叉撚和平行撚之組合型一半緊密型(Semi-Seal Type)及半填充型(Semi-Filler Type)，和更高性能的緊密填充型(Seal-Filler Type)及華氏緊密型(Warrington-Seal Type)(是基本型的組合)繼續以鋼纜之新式構造開發出來。

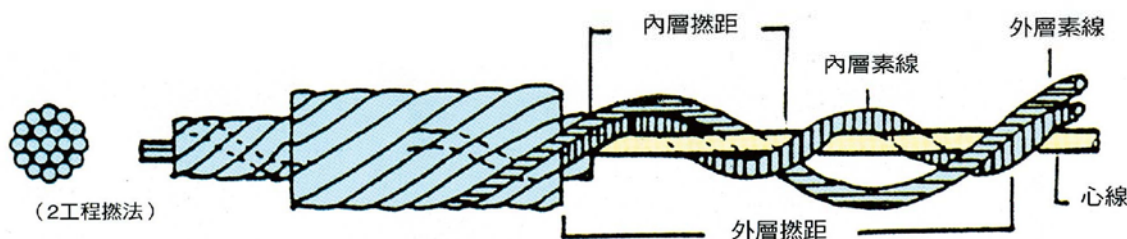
其中特別的是華氏緊密型(Warrington-Seal Type)，例如6 x WS (36)由於組成各素線之平衡性良好，富於柔軟性及耐疲勞性，故用途範圍繼續擴大中。

◆ 平行撚鋼纜之特徵

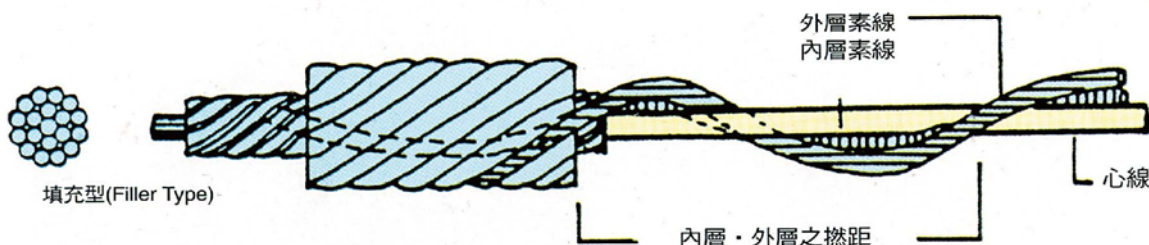
- (1) 原來之交叉撚鋼纜，因各單股中素線在上撚與下撚間撚距(Pitch)不同，各層素線呈點接觸而交叉。但在平行撚鋼纜則上、下撚均以同一撚距，同時撚合，各層素線呈線接觸而平行。(請參照下圖)
- (2) 從斷面圖可看出平行撚之上層素線完全嵌合於下層之凹處，因此單股之組成非常堅固，不容易發生崩型現象。
- (3) 依上述之素線的接觸關係，若起因於內部磨耗或二次彎曲之疲勞斷線會減少。
- (4) 由於單股之結構堅牢，受到強烈的壓力仍不易變形，可均勻分佈應力。
- (5) 斷面積比交叉撚鋼纜大，因此鋼纜之拉斷負荷亦大。
- (6) 因為撚距(Pitch)比交叉撚鋼纜緊密，同時各素線呈線接觸狀態，所以使用於承受彎曲疲勞之影響大的場所，更可發揮其特色。

交叉撚鋼纜與平行鋼纜之比較說明圖

交叉撚(Cross-Lay or Point-Contact Lay) 6x19型之單股



平行撚(Parallel-Lay or Linear-Contact Lay) 6×Fi (25)型之單股



◆ 平行撚鋼纜之選擇基準

不僅係平行撚鋼纜，鋼纜之種類非常多，同時使用網纜種類亦有千差萬別，所以要一概而言在何種機械採用何種型式鋼纜是件相當困難的問題，但對於被使用做動索的鋼纜，應選擇那一種構造之平行撚鋼纜，一般如下表所示。

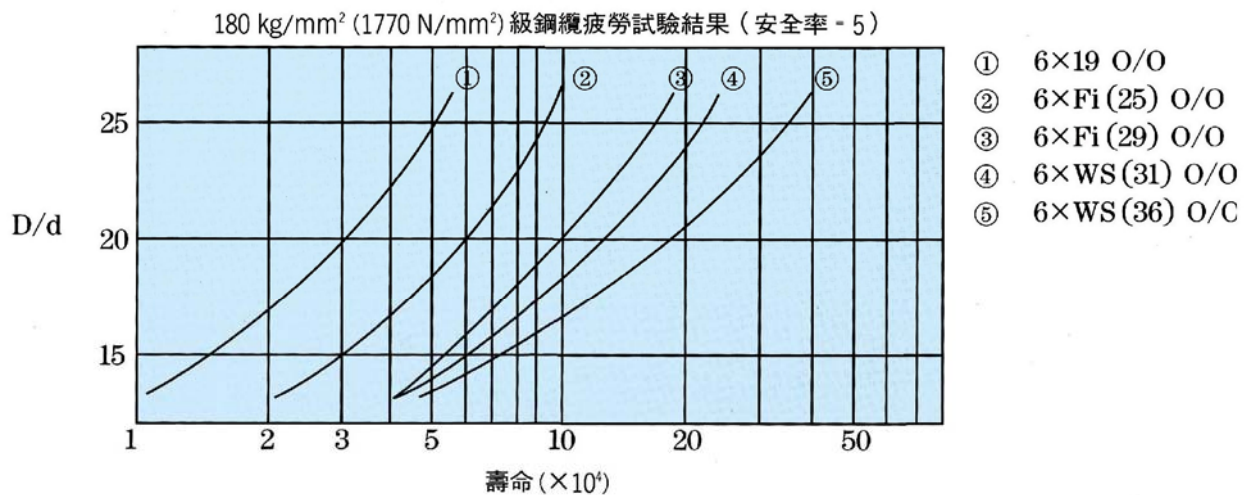
下表僅揭載代表性者，依用途仍可能需要選擇此表以外之構造之平行撚鋼纜。

又在高溫環境下使用時，以小直徑的捲筒做不規則捲取時，承受激烈橫壓時，或避免過大伸長等，應選擇鋼纜心 (IWRC) 鋼纜。

◆ 平行撚鋼纜之主要用途

- 升降機、起重機、曳載機等各種荷重機械用。
- 索道、貨物索道之曳索、平衡索用、升降索用。
- 鏟煤機、拖網機、刮泥機等各種機械用。
- 鑽孔機、打樁、拔樁機等重機械用。
- 豎坑、斜坑捲揚機、石油 (瓦斯) 鑿井等礦山機械用。
- 鋼纜起重機、樓塔開鑿機等土木機械用。
- 挽索、繫留索、鐵塔起重機等船舶用。
- 挖泥船、打樁船、碎岩船等作業船用。
- 挖網繹繩、中心線、環鋼等水產用。
- 其他一般高效率重負荷機械用。

向來所使用之鋼纜	對應左列構造之代表性平行撚鋼纜
6x7	6xS(17) 6xFi(17) 6xS(19)
6x19	6xFi(21) 6xFi(25) 6xFi(26)
6x24	6xFi(29) 6xWS(31) 6xSeS(37)
6x37	6xFi(29) 6xWS(36) 6xSeS(37)








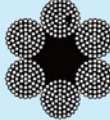
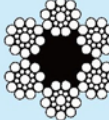
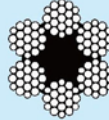
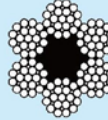
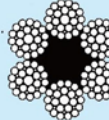








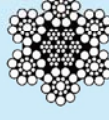
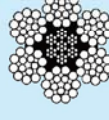
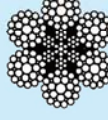

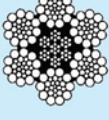
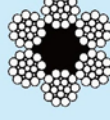
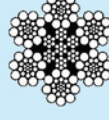
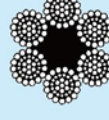
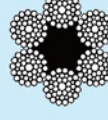
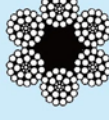

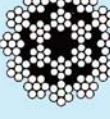
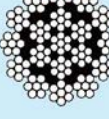







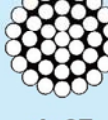
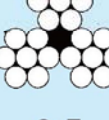


1. D/d : 捲筒直徑對鋼纜直徑之比值。

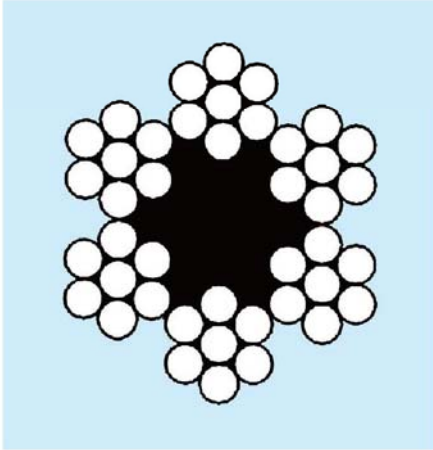
2. 壽命 : 於鋼纜往返彎曲試驗時,於一撚距內鋼絲斷裂數達總數10%以上,列為壽命終止,此時之彎曲次數謂之。

鋼纜橫截面圖

Typical Cross Section of Wire Rope & Strand

 6x7	 6x12	 6x15	 6x19	 6x24	 6x30
 6x37	 6x61	 6xS(19)	 6xW(19)	 6xFi(25)	 6xFi(29)
 7x7+6xFi(25)	 8xS(19)	 8xW(19)	 8xFi(19+6)	 6xS(17)	 6xSew(43)
 6xWS(31)	 6xWS(36)	 7x7+6xS(19)	 7x7+6xFi(21)	 7x7+6xFi(29)	 7x7+6xFiS(41)
 7x7+6xSW(26)	 6xFi(21)	 7x7+6xSeS(25)	 6xSeS(37)	 7x7+6xWS(41)	 6xSFi(36)
 6x(6x7)	 18x7	 19x7	 7x7	 7x19	 7x37
 4x7	 4xS(19)	 1x7	 1x19	 1x37	 3x7

6 x 7

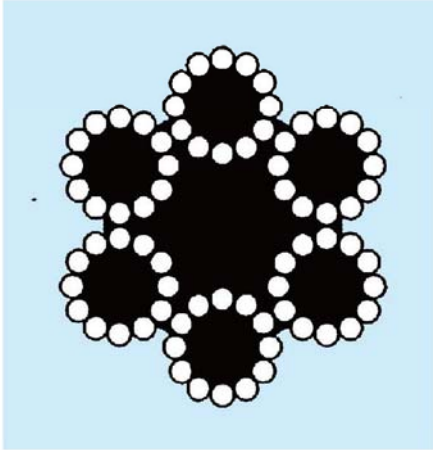


用途：船舶、礦山、林場、架空纜道、靜纜
For Mining, Aerial Tramway Stay, etc.

構造：普通、蘭格撚法 Construction : Ordinary & Lang Lay
6撚 6 Strands
7線 7 Wires per Strand
1麻心 1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load						概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	tf.	kN.	
12.5	8.41	82.50	9.48	92.90	10.40	102.00	0.580
14	10.60	103.00	11.90	117.00	13.00	127.00	0.727
16	13.80	135.00	15.50	152.00	17.00	166.00	0.950
18	17.40	171.00	19.60	193.00	21.50	211.00	1.200
20	21.50	211.00	24.30	238.00	26.50	260.00	1.480
22.4	27.00	265.00	30.40	298.00	33.20	326.00	1.860
(24)	....	....	(34.90)	343.00	(38.20)	374.00	(2.140)
25	33.60	330.00	37.90	372.00	41.40	406.00	2.320
(26)	....	...	(41.00)	(402.00)	(44.80)	(439.00)	(2.510)
28	42.20	414.00	47.50	466.00	51.90	509.00	2.910
30	48.40	475.00	54.60	535.00	59.60	585.00	3.340
31.5	53.40	524.00	60.20	590.00	65.70	645.00	3.680
33.5	60.40	592.00	68.10	667.00	74.30	729.00	4.160
35.5	67.80	665.00	76.40	749.00	....	....	4.670
37.5	75.70	742.00	85.30	837.00	....	....	5.220
40	86.10	845.00	97.10	952.00	....	....	5.930

6 x 12



用途：船舶動纜

For Marine and Engineering Purpose

構造：普通、蘭格撚法

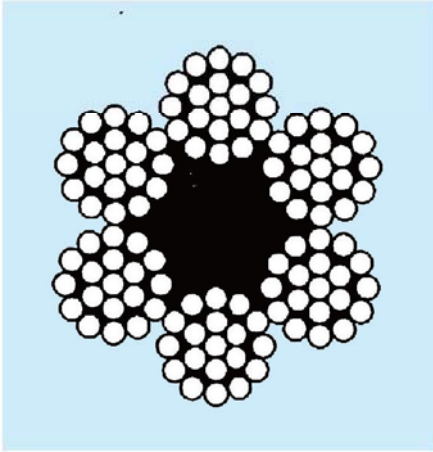
Construction : Ordinary & Lang Lay

6撚
12線
7麻心

6 Strands
12 Wires per Strand
7 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load		概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		
	G級 150Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	
12.5	5.20	50.90	0.427
14	6.52	63.90	0.535
16	8.51	85.50	0.699
18	10.81	106.00	0.885
20	13.26	130.00	1.090
22.4	16.72	164.00	1.370
24	18.9	185.4	1.49
26	22.1	216.8	1.74
28	26.2	257.0	2.02
30	29.8	292.3	2.32

6 x 19



用途：船舶、礦山、林場、漁業
起重機、纜道、一般機械

For Crane Hoist and General Engineering Purpose

構造：普通撚法

Construction : Ordinary Lay

6撚

6 Strands

19線

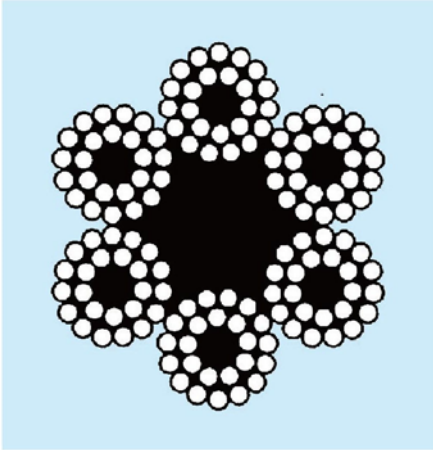
19 Wires per Strand

1麻心

1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load						概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	tf.	kN.	
12	7.37	72.30	7.93	77.80	8.46	83.00	0.524
12.5	8.00	78.40	8.61	84.40	9.18	90.00	0.569
14	10.00	98.40	10.81	106.00	11.52	113.00	0.713
16	13.10	128.00	14.10	138.00	15.00	148.00	0.932
17	14.80	145.00	15.90	156.00.	17.00	166.00	1.052
18	16.60	163.00	17.85	175.00	19.00	187.00	1.180
19	18.48	181.00	19.90	195.00	21.30	208.00	1.314
20	20.50	201.00	22.03	216.00	23.50	230.00	1.460
22	24.78	243.00	26.70	261.00	28.50	279.00	1.762
22.4	25.70	252.00	27.63	271.00	29.47	289.00	1.830
25	32.20	314.00	34.47	338.00	36.71	360.00	2.280
28	40.10	393.00	43.24	424.00	46.10	452.00	2.850
30	46.10	452.00	49.60	486.00	52.90	519.00	3.280
32	50.70	497.20	56.30	552.20	59.70	585.50	3.740
34	57.20	561.00	63.60	623.70	67.50	662.00	4.220
36	64.10	628.60	71.30	699.30	75.60	741.40	4.730
38	71.40	700.20	79.40	778.70	84.30	826.70	5.270
40	79.20	776.70	88.00	863.00	93.40	916.00	5.840
42	87.30	856.20	97.00	951.30	103.00	1010.10	6.430
44	95.40	935.60	106.00	1039.50	113.00	1108.20	7.060
46	105.00	1029.70	116.00	1137.60	124.00	1216.10	7.720
48	114.00	1118.00	127.00	1245.50	135.00	1323.90	8.400
50	124.00	1216.10	138.00	1353.40	146.00	1431.80	9.120

6 x 24



用途：船舶、漁業、起重機、營建重機械
For Marine and Engineering Purpose

構造：普通撚法

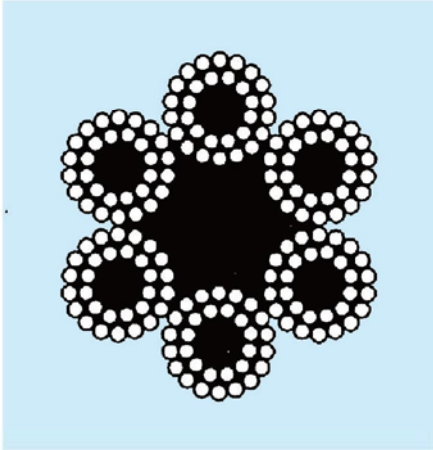
Construction : Ordinary Lay

6撚
24線
7麻心

6 Strands
24 Wires per Strand
7 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load				概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	
(12)	(6.72)	(65.9)	(7.24)	(71.0)	(0.478)
12.5	7.30	71.5	7.85	77.0	0.519
14	9.15	89.7	9.85	96.6	0.651
16	12.00	117.0	12.90	126.0	0.850
18	15.10	148.0	16.30	160.0	1.080
20	18.70	183.0	20.10	197.0	1.330
22	22.50	222	24.3	238.0	1.610
22.4	23.40	230.0	25.20	247.0	1.670
(24)	(26.90)	(264.0)	....	....	(1.910)
25	29.2	286.0	31.40	308.0	2.080
28	36.6	359.0	39.40	387.0	2.600
30	42.0	412.0	45.20	444.0	2.990
31.5	46.3	454.0	49.90	489.0	3.290
32	47.8	469.0	51.50	505.0	3.400
33.5	52.4	514.0	56.40	553.0	3.730
35.5	58.5	577.0	63.40	621.0	4.180
37.5	65.7	644.0	70.70	693.0	4.670
40	74.7	732.0	80.40	789.0	5.310
42.5	84.3	827.0	90.80	890.0	6.000
45	94.5	927.0	102.00	998.0	6.720
47.5	105.0	1030.0	113.00	1110.0	7.490
50	117.0	1140.0	126.00	1230.0	8.300

6 x 30



用途：船舶、起重機、一般機械

For Marine and Engineering Purpose

構造：普通撚法

Construction : Ordinary Lay

6撚

6 Strands

30線

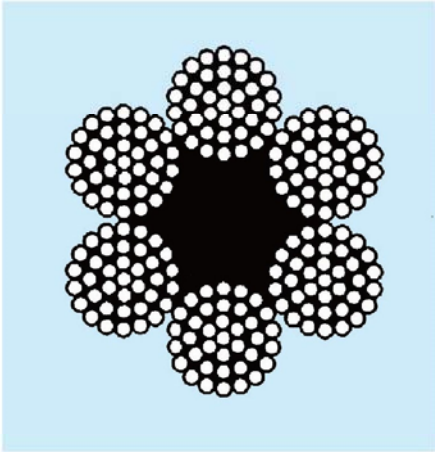
30 Wires per Strand

7麻心

7 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load		概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		
	G級 150Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	
14	8.21	80.5	0.608
16	10.7	104.9	0.794
18	13.6	133.4	1.01
20	16.7	163.8	1.24
22	20.2	198.1	1.50
24	24.1	236.3	1.79
25	26.1	256	1.94
28	32.8	322	2.43
30	37.6	369	2.79
31.5	41.5	407	3.07
33.5	46.9	460	3.47
35.5	52.7	517	3.90
37.5	58.8	577	4.35
40	66.9	656	4.95
42	73.9	724.7	5.47
44	81.0	794.3	6.00
46	88.6	868.9	6.56
48	96.2	943.4	7.14
50	104	1019.9	7.75

6 x 37



用途：起重機、吊車、一般機械

For Crane, Hoist and General Engineering Purpose

構造：普通撚法

Construction : Ordinary Lay

6撚

6 Strands

37線

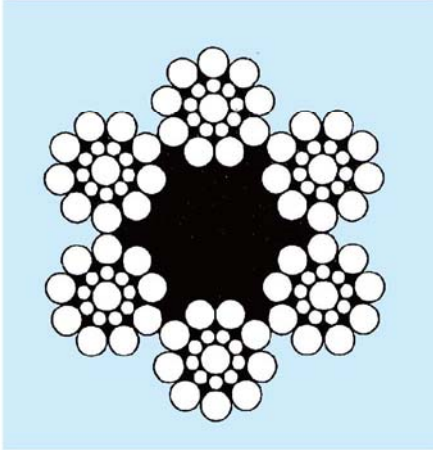
37 Wires per Strand

1麻心

1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load						概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	tf.	kN.	
14	9.86	96.7	10.60	104.0	11.30	111.0	0.704
16	12.90	126.0	13.90	136.0	14.80	145.0	0.920
18	16.30	160.0	17.50	172.0	18.70	183.0	1.160
20	20.08	197.0	21.70	212.0	23.10	227.0	1.440
22.4	25.30	248.0	27.20	266.0	29.00	284.0	1.800
(24)	(29.00)	(284.0)	....	....	....	....	(2.070)
25	31.50	308.0	33.80	332.0	36.10	354.0	2.250
28	39.50	387	42.50	416.0	45.30	444.0	2.820
30	45.30	444.0	48.70	478.0	52.00	510.0	3.230
31.5	49.90	490.0	53.70	527.0	57.30	562.0	3.570
32	51.50	506.0	55.50	544.0	59.20	578.0	3.680
33.5	56.50	554.0	60.80	596.0	64.80	636.0	4.030
35.5	63.40	622.0	68.30	669.0	72.80	714.0	4.530
37.5	70.80	694.0	76.20	747.0	81.20	796.0	5.050
38	72.60	713.0	78.30	767.0	83.50	817.0	5.190
40	80.50	790.0	86.70	850.0	92.40	906.0	5.750
42.5	90.90	892.0	97.80	959.0	104.00	1020.0	6.490
45	102.00	1000.0	110.00	1080.0	117.00	1150.0	7.280
47.5	114.00	1110.0	122.00	1200.0	130.00	1280.0	8.110
50	126.00	1230.0	135.00	1330.0	144.00	1420.0	8.980

6xS(19)H.C



用途：礦山、營建重機械、鑿井

For Mining, Engineering and Oil Well Purpose

構造：普通、蘭格撚法

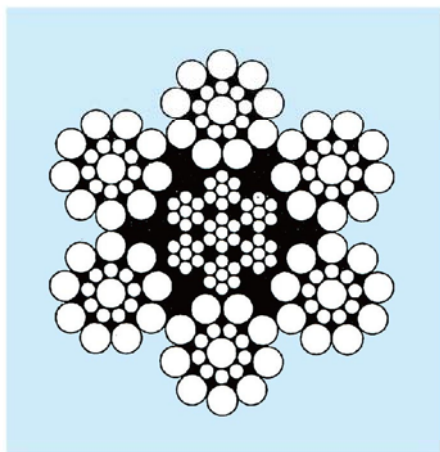
Construction : Ordinary & Lang Lay

6撚
19線
1麻心

6 Strands
19 Wires per Strand
1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load								概算單位重量 Approx Wt. per Meter
	無鍍鋅 Ungalvanized		鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	E級 135Kg/mm ²		G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	tf.	kN.	tf.	kN.	
14	8.95	87.7	9.88	96.9	10.90	107.0	11.60	114.0	0.756
16	11.70	115.0	12.90	127.0	14.20	139.0	15.20	149.0	0.988
18	14.80	145.0	16.30	160.0	18.00	176.0	19.20	188.0	1.250
20	18.30	179.0	20.20	198.0	22.20	218.0	23.70	232.0	1.540
22.4	22.90	224.0	25.30	248.0	27.90	273.0	29.70	291.0	1.940
25	28.60	280.0	31.50	309.0	34.70	340.0	37.00	363.0	2.410
28			39.50	387.0	43.50	427.0	46.40	455.0	3.020
30			45.40	445.0	50.00	490.0	53.30	523.0	3.470
31.5			50.00	490.0	55.10	540.0	58.70	576.0	3.830
33.5			56.60	555.0	62.30	611.0	66.40	652.0	4.330
35.5			63.50	623.0	70.00	686.0	74.60	732.0	4.860
37.5			70.90	695.0	78.10	766.0	83.30	816.0	5.430
40			80.60	791.0	88.90	871.0	94.70	929.0	6.170
42.5			91.00	893.0	100.00	984.0	107.00	1050.0	6.970
45			102.00	1000.0	112.00	1100.0	120.00	1180.0	7.810
47.5			114.00	1120.0	125.00	1230.0	134.00	1310.0	8.700
50			126.00	1240.0	139.00	1360.0	148.00	1450.0	9.650

6xS(19)I.W.R.C



用途：礦山、營建重機械、鑿井

For Mining, Engineering and Oil Well Purpose

構造：普通、蘭格撚法

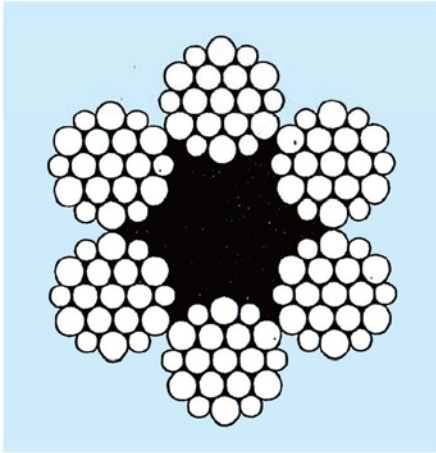
Construction : Ordinary & Lang Lay

6撚
19線
鋼纜心

6 Strands
19 Wires per Strand
Wire Rope Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load				概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	
14	12.40	122.0	13.20	130.0	0.843
16	16.20	159.0	17.30	169.0	1.100
18	20.50	201.0	21.90	214.0	1.390
20	25.40	249.0	27.00	265.0	1.720
22.4	31.80	312.0	33.90	332.0	2.160
25	39.60	389.0	42.20	414.0	2.690
28	49.70	487.0	52.90	519.0	3.370
30	57.10	560.0	60.70	596.0	3.870
31.5	62.90	617.0	67.00	657.0	4.270
33.5	71.10	698.0	75.70	743.0	4.830
35.5	79.90	783.0	85.10	834.0	4.420
37.5	89.10	874.0	94.90	931.0	6.050
40	101.00	995.0	108.00	1060.0	6.880
42.5	114.00	1120.0	122.00	1200.0	7.770
45	128.00	1260.0	137.00	1340.0	8.710
47.5	143.00	1400.0	152.00	1490.0	9.700
50	158.00	1550.0	169.00	1650.0	10.800

6xW(19)H.C



用途：礦山、營建重機械

For Mining, Engineering and Oil Well Purpose

構造：普通、蘭格擦法

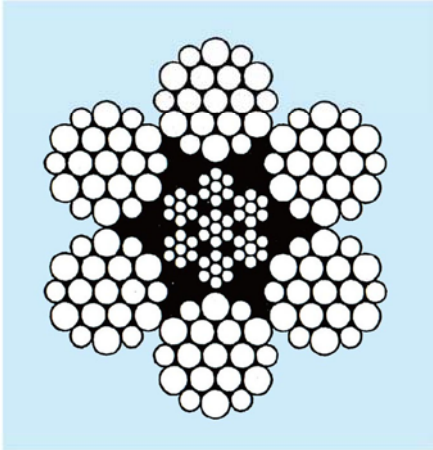
Construction : Ordinary & Lang Lay

6撚
19線
1麻心

6 Strands
19 Wires per Strand
1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load								概算單位重量 Approx Wt. per Meter
	無鍍鋅 Ungalvanized		鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	E級 135Kg/mm ²		G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	tf.	kN.	tf.	kN.	
14	8.95	87.7	9.88	96.90	10.90	107.00	11.60	114.00	0.756
16	11.70	115.0	12.90	127.00	14.20	139.00	15.20	149.00	0.988
18	14.80	145.0	16.30	160.00	18.00	176.00	19.20	188.00	1.250
20	18.30	179.0	20.20	198.00	22.20	218.00	23.70	232.00	1.540
22.4	22.90	224.0	25.30	248.00	27.90	273.00	29.70	291.00	1.940
25	28.60	280.0	31.50	309.00	34.70	340.00	37.00	363.00	2.410
28			39.50	387.00	43.50	427.00	46.40	455.00	3.020
30			45.40	445.00	50.00	490.00	53.30	523.00	3.470
31.5			50.00	490.00	55.10	540.00	58.70	576.00	3.830
33.5			56.60	555.00	62.30	611.00	66.40	652.00	4.330
35.5			63.50	623.00	70.00	686.00	74.60	732.00	4.860
37.5			70.90	695.00	78.10	766.00	83.30	816.00	5.430
40			80.70	791.00	88.90	871.00	94.70	929.00	6.170
42.5			91.10	893.00	100.00	984.00	107.00	1050.00	6.970
45			102.00	1000.00	112.00	1100.00	120.00	1180.00	7.810
47.5			114.00	1120.00	125.00	1230.00	134.00	1310.00	8.700
50			126.00	1240.00	139.00	1360.00	148.00	1450.00	9.650

6xW(19)I.W.R.C



用途：礦山、營建重機械、鑿井

For Mining, Engineering and Oil Well Purpose

構造：普通、蘭格撚法

Construction : Ordinary & Lang Lay

6撚

6 Strands

19線

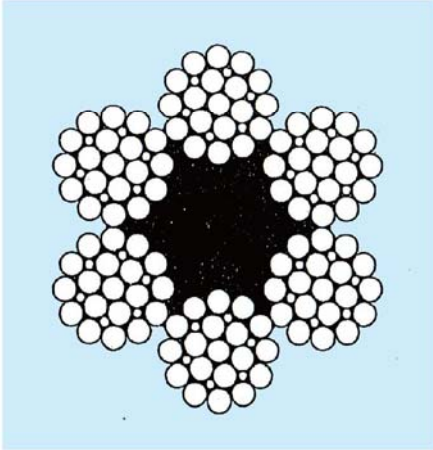
19 Wires per Strand

鋼纜心

Wire Rope Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load				概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	
14	12.40	122.0	13.20	130.0	0.843
16	16.20	159.0	17.30	169.0	1.100
18	20.50	201.0	21.90	241.0	1.390
20	25.40	249.0	27.00	265.0	1.720
22.4	31.80	312.0	33.90	332.0	2.160
25	39.60	389.0	42.20	414.0	2.690
28	49.70	487.0	52.90	519.0	3.370
30	57.10	560.0	60.70	596.0	3.870
31.5	62.90	617.0	67.00	657.0	4.270
33.5	71.10	698.0	75.70	743.0	4.830
35.5	79.90	783.0	85.10	834.0	5.420
37.5	89.10	874.0	94.90	931.0	6.050
40	101.00	995.0	108.00	1060.0	6.880
42.5	114.00	1120.0	122.00	1200.0	7.770
45	128.00	1260.0	137.00	1340.0	8.710
47.5	143.00	1400.0	152.00	1490.0	9.700
50	158.00	1550.0	169.00	1650.0	10.800

6xFi(25)H.C



用途：礦山、營建重機械、起重機

For Mining, Engineering and Crane Purpose

構造：普通、蘭格撚法

Construction : Ordinary & Lang Lay

6撚

6 Strands

25線

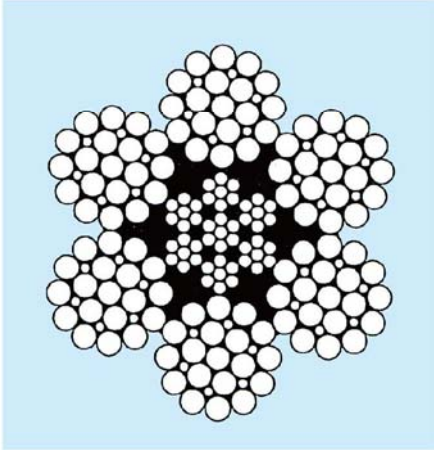
25 Wires per Strand

1麻心

1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load								概算單位重量 Approx Wt. per Meter
	無鍍鋅 Ungalvanized		鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	E級 135Kg/mm ²		G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
tf.	kN.	tf.	kN.	tf.	kN.	tf.	kN.		
14	8.95	87.7	9.88	96.9	10.90	107.0	11.60	114.0	0.756
16	11.70	115.0	12.90	127.0	14.20	139.0	15.20	149.0	0.988
18	14.80	145.0	16.30	160.0	18.00	176.0	19.20	188.0	1.250
20	18.30	179.0	20.20	198.0	22.20	218.0	23.70	232.0	1.540
22	22.10	217.0	24.40	239.0	26.90	264.0	28.70	281.0	1.870
22.4	22.90	224.0	25.30	248.0	27.90	273.0	29.70	291.0	1.940
25	28.60	280.0	31.50	309.0	34.70	340.0	37.00	363.0	2.410
28			39.50	387.0	43.50	427.0	46.40	455.0	3.020
30			45.40	445.0	50.00	490.0	53.30	523.0	3.470
31.5			50.00	490.0	55.10	540.0	58.70	576.0	3.830
33.5			56.60	555.0	62.30	611.0	66.40	652.0	4.330
35.5			63.50	623.0	70.00	686.0	76.60	732.0	4.860
37.5			70.90	695.0	78.10	766.0	83.30	816.0	5.430
40			80.70	791.0	88.90	871.0	94.70	929.0	6.170
42.5			91.10	893.0	100.00	984.0	107.00	1050.0	6.970
45			102.00	1000.0	112.00	1100.0	120.00	1180.0	7.810
47.5			114.00	1120.0	125.00	1230.0	134.00	1310.0	8.700
50			126.00	1240.0	139.00	1360.0	148.00	1450.0	9.650

6xFi(25)I.W.R.C



用途：礦山、營建重機械、起重機

For Mining, Engineering and Crane Purpose

構造：普通、蘭格撚法

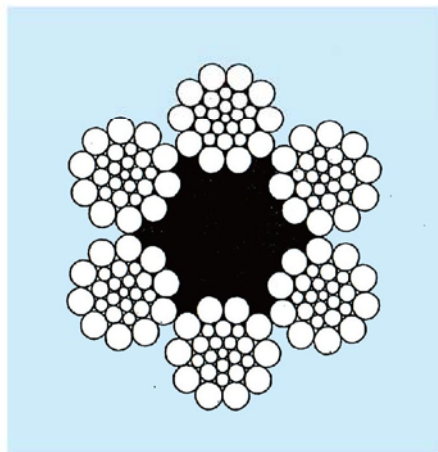
Construction : Ordinary & Lang Lay

6撚
25線
鋼纜心

6 Strands
25 Wires per Strand
Wire Rope Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load				概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	
14	12.40	122.0	13.20	130.0	0.843
16	16.20	159.0	17.30	169.0	1.100
18	20.50	201.0	21.90	214.0	1.390
20	25.40	249.0	27.00	265.0	1.720
22.4	31.80	312.0	33.90	332.0	2.160
25	39.60	389.0	42.20	414.0	2.690
28	49.70	487.0	52.90	519.0	3.370
30	57.10	560.0	60.70	596.0	3.870
31.5	62.90	617.0	67.00	657.0	4.270
33.5	71.10	698.0	75.70	743.0	4.830
35.5	79.90	783.0	85.10	834.0	5.420
37.5	89.10	874.0	94.90	931.0	6.050
40	101.00	995.0	108.00	1060.0	6.880
42.5	114.00	1120.0	122.00	1200.0	7.770
45	128.00	1260.0	137.00	1340.0	8.710
47.5	143.00	1400.0	152.00	1490.0	9.700
50	158.00	1550.0	169.00	1650.0	10.800

6xWS(26)H.C



用途：礦山、營建重機械、鑿井

For Mining, Engineering and Oil Well Purpose

構造：普通、蘭格撚法

Construction : Ordinary & Lang Lay

6撚

6 Strands

26線

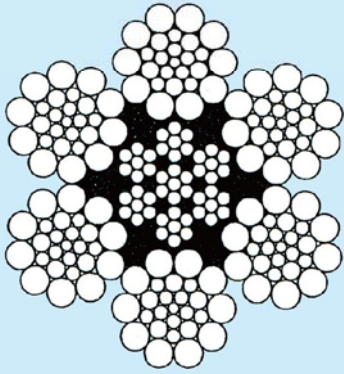
26 Wires per Strand

1麻心

1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load						概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	tf.	kN.	
14	9.88	96.9	10.90	107.0	11.60	114.0	0.756
16	12.90	127.0	14.20	139.0	15.20	149.0	0.988
18	16.30	160.0	18.00	176.0	19.20	188.0	1.250
20	20.20	198.0	22.20	218.0	23.70	232.0	1.540
22.4	25.30	248.0	27.90	273.0	29.70	291.0	1.940
25	31.50	309.0	34.70	340.0	37.00	363.0	2.410
28	39.50	387.0	43.50	427.0	46.40	455.0	3.020
30	45.40	445.0	50.00	490.0	53.30	523.0	3.470
31.5	50.00	490.0	55.10	540.0	58.70	576.0	3.830
33.5	56.60	555.0	62.30	611.0	66.40	652.0	4.330
35.5	63.50	623.0	70.00	686.0	74.60	732.0	4.860
37.5	70.90	695.0	78.10	766.0	83.20	816.0	5.430
40	80.70	791.0	88.90	871.0	94.70	929.0	6.170
42.5	91.10	893.0	100.00	984.0	107.00	1050.0	6.970
45	102.00	1000.0	112.00	1100.0	120.00	1180.0	7.810
47.5	114.00	1120.0	125.00	1230.0	134.00	1310.0	8.700
50	126.00	1240.0	139.00	1360.0	148.00	1450.0	9.650

6xWS(26)I.W.R.C



用途：礦山、營建重機械、鑿井

For Mining, Engineering and Crane Purpose

構造：普通、蘭格撚法

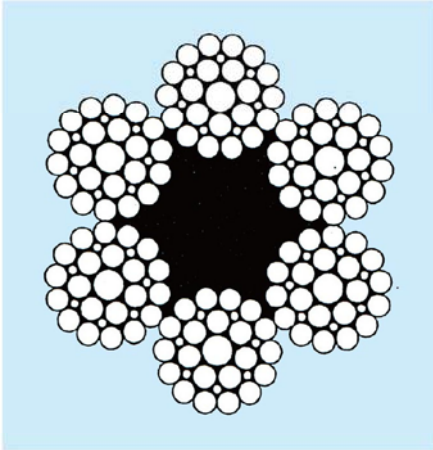
Construction : Ordinary & Lang Lay

6撚
26線
鋼纜心

6 Strands
26 Wires per Strand
Wire Rope Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load				概算單位重量 Approx Wt. per Meter
	鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	
14	12.40	122.0	13.20	130.0	0.843
16	16.20	159.0	17.30	169.0	1.100
18	20.50	201.0	21.90	214.0	1.390
20	25.40	249.0	27.00	265.0	1.720
22.4	31.80	312.0	33.90	332.0	2.160
25	39.60	389.0	42.20	414.0	2.690
28	49.70	487.0	52.90	519.0	3.370
30	57.10	560.0	60.70	596.0	3.870
31.5	62.90	617.0	67.00	657.0	4.270
33.5	71.10	698.0	75.70	743.0	4.830
35.5	79.90	783.0	85.10	834.0	5.420
37.5	89.10	874.0	94.90	931.0	6.050
40	101.00	995.0	108.00	1060.0	6.880
42.5	114.00	1120.0	122.00	1200.0	7.770
45	128.00	1260.0	137.00	1340.0	8.710
47.5	143.00	1400.0	152.00	1490.0	9.70
50	158.00	1550.0	169.00	1650.0	10.800

6xFi(29)H.C



用途：礦山、營建重機械、鑿井

For Mining, Engineering and Oil Well Purpose

構造：普通、蘭格撚法

Construction : Ordinary & Lang Lay

6撚

6 Strands

29線

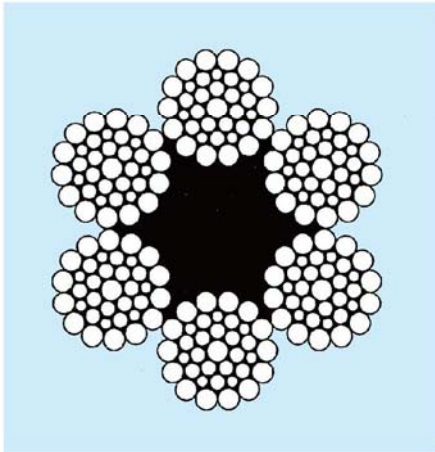
29 Wires per Strand

1麻心

1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load						概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	tf.	kN.	
14	10.10	98.9	11.10	109.0	11.80	116.0	0.776
16	13.20	129.0	14.50	142.0	15.50	152.0	1.010
18	16.70	163.0	18.40	180.0	19.60	192.0	1.280
20	20.60	202.0	22.70	222.0	24.20	237.0	1.580
22	24.90	244.0	27.4	269.0	29.20	286.0	1.920
22.4	25.80	253.0	28.50	279.0	30.30	297.0	1.990
25	32.20	315.0	35.50	348.0	37.80	370.0	2.470
28	40.30	396.0	44.50	436.0	47.30	464.0	3.100
30	46.30	454.0	51.00	500.0	54.40	533.0	3.560
31.5	51.10	501.0	56.30	552.0	60.00	588.0	3.930
33.5	57.70	566.0	63.70	624.0	67.90	665.0	4.440
35.5	64.80	636.0	71.50	701.0	76.10	746.0	4.990
37.5	72.40	709.0	79.80	782.0	85.00	833.0	5.570
40	82.30	807.0	90.80	890.0	96.70	948.0	6.330
42.5	92.90	911.0	102.00	1000.0	109.00	1070.0	7.150
45	104.00	1020.0	115.00	1130.0	122.00	1200.0	8.010
47.5	116.00	1140.0	128.00	1250.0	137.00	1340.0	8.930
50	129.00	1260.0	142.00	1390.0	151.00	1480.0	9.900

6xWS(36)H.C



用途：礦山、營建重機械、鑿井

For Mining, Engineering and Oil Well Purpose

構造：普通、蘭格撚法

Construction : Ordinary & Lang Lay

6撚

6 Strands

29線

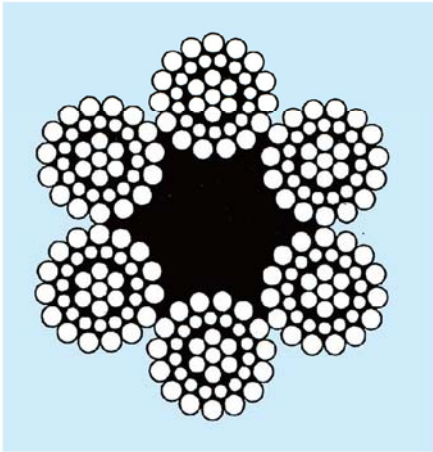
29 Wires per Strand

1麻心

1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load						概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	tf.	kN.	
16	13.2	129.0	14.5	142.0	15.5	152.0	1.01
18	16.7	163.0	18.4	180.0	19.6	192.0	1.28
20	20.6	202.0	22.7	222.0	24.2	237.0	1.58
22.4	25.8	253.0	28.5	279.0	30.3	297.0	1.99
25	32.2	315.0	35.5	348.0	37.8	370.0	2.47
28	40.3	396.0	44.5	436.0	47.3	464.0	3.10
30	46.3	454.0	51.0	500.0	54.4	533.0	3.56
31.5	51.1	501.0	56.3	552.0	60.0	588.0	3.93
33.5	57.7	566.0	63.7	624.0	67.9	665.0	4.44
35.5	64.8	636.0	71.5	701.0	76.1	746.0	4.99
37.5	72.4	709.0	79.8	782.0	85.0	833.0	5.57
40	82.3	807.0	90.8	890.0	96.7	948.0	6.33
42.5	92.9	911.0	102.0	1000.0	109.0	1070.0	7.15
45	104.0	1020.0	115.0	1130.0	122.0	1200.0	8.01
47.5	116.0	1140.0	128.0	1250.0	137.0	1340.0	8.93
50	129.0	1260.0	142.0	1390.0	151.0	1480.0	9.90

6xSeS(37)H.C



用途：礦山、營建重機械、鑿井

For Mining, Engineering and Oil Well Purpose

構造：普通、蘭格撚法

Construction : Ordinary Lang Lay

6撚

6 Strands

37線

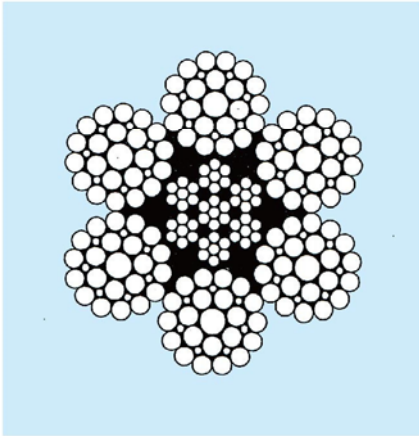
37 Wires per Strand

1麻心

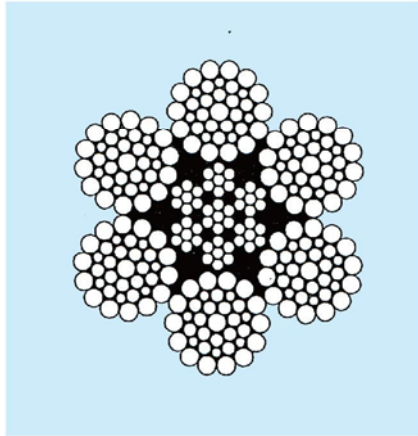
1 Fiber Core

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load						概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	tf.	kN.	tf.	kN.	
14	10.1	98.9	11.1	109	11.8	116	0.776
16	13.2	129	14.5	142	15.5	152	1.01
18	16.7	163	18.4	180	19.6	192	1.28
20	20.6	202	22.7	222	24.2	237	1.58
22.4	25.8	253	28.5	279	30.3	297	1.99
25	32.2	315	35.5	348	37.8	370	2.47
28	40.3	396	44.5	436	47.3	464	3.10
30	46.3	454	51.0	500	54.4	533	3.56
31.5	51.1	501	56.3	552	60.0	588	3.93
33.5	57.7	566	63.7	624	67.9	665	4.44
35.5	64.8	636	71.5	701	76.1	746	4.99
37.5	72.4	709	79.8	782	85.0	833	5.57
40	82.3	807	90.8	890	96.7	948	6.33
42.5	92.9	911	102.0	1000	109.0	1070	7.15
45	104.0	1020	115.0	1130	122.0	1200	8.01
47.5	116.0	1140	128.0	1250	137.0	1340	8.93
50	129.0	1260	142.0	1390	151.0	1480	9.90

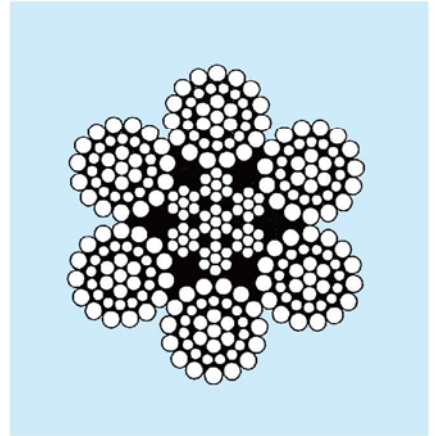
6xFi(29)I.W.R.C



6xWS(36)I.W.R.C



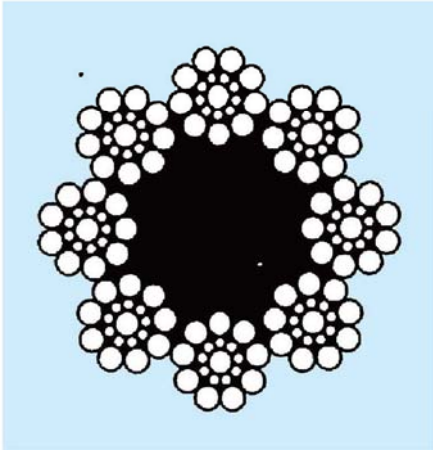
6xSeS(37)I.W.R.C



用途：礦山、營建重機械、鑿井
For Mining, Engineering and Oil Well Purpose

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load						概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		
	tf.	kN.	tf.	kN.	tf.	kN.	
16	15.10	148.08	16.60	162.79	17.60	172.59	1.130
18	19.10	187.30	21.00	205.93	22.30	218.68	1.430
20	23.60	231.43	25.90	253.99	27.60	270.66	1.760
22	28.50	279.48	31.40	307.92	33.30	326.56	2.130
22.4	29.60	290.27	32.50	318.71	34.60	339.31	2.210
24	33.90	332.44	37.30	365.78	39.70	389.32	2.530
25	36.80	360.88	40.50	397.16	43.10	422.66	2.750
26	39.80	390.30	43.80	429.53	46.60	456.98	2.970
28	46.20	453.06	50.80	498.17	54.00	529.55	3.450
30	53.00	519.75	58.30	571.72	62.00	608.01	3.960
31.5	58.50	573.68	64.30	630.56	68.40	670.77	4.370
32	60.30	591.34	66.40	651.16	70.50	691.36	4.510
33.5	66.10	648.21	72.80	713.92	77.30	758.05	4.940
34	68.10	667.83	74.90	734.51	79.60	780.60	5.090
35.5	74.30	728.63	81.70	801.20	86.80	851.21	5.550
36	76.40	749.22	84.00	823.75	89.30	875.73	5.700
37.5	82.90	812.97	91.20	894.36	96.90	950.26	6.190
38	85.10	834.54	93.60	917.90	99.50	975.76	6.350
40	94.30	924.76	104.00	1019.89	110.00	1078.73	7.040
42	104.00	1019.89	114.00	1117.95	121.00	1186.60	7.760
42.5	106.00	1039.50	117.00	1147.37	124.00	1216.02	7.950
44	114.00	1117.95	125.00	1225.83	133.00	1304.28	8.520
45	119.00	1166.99	131.00	1284.67	140.00	1372.93	8.910
46	125.00	1225.83	137.00	1343.51	146.00	1431.77	9.310
47.5	133.00	1304.28	146.00	1431.77	155.00	1520.03	9.930
48	136.00	1333.70	149.00	1461.19	159.00	1559.25	10.100
50	147.00	1441.57	162.00	1588.67	172.00	1686.74	11.000

8xS(19)

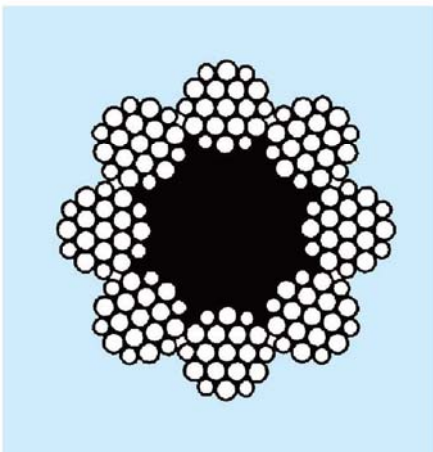


用途：電梯
For Elevator

構造：普通、蘭格撚法
8撚
19線
麻心

Construction :
Ordinary & Lang Lay
8 Strands
19 Wires per Strand

8xW(19)



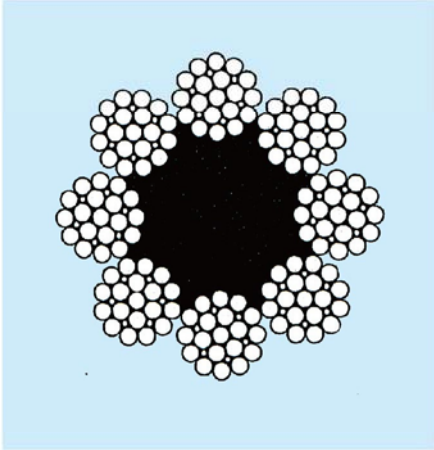
用途：電梯
For Elevator

構造：普通、蘭格撚法
8撚
19線
麻心

Construction :
Ordinary & Lang Lay
8 Strands
19 Wires per Strand

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load								概算單位重量 Approx Wt. per Meter
	無鍍鋅 Ungalvanized		鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	E級 135Kg/mm ²		G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		
公釐 mm	tf.	kN.	tf.	kN.	tf.	kN.	tf.	kN.	公斤/公尺 kg/m
10	4.14	40.6	4.45	43.6	4.90	48.1	5.23	51.3	0.343
11.2	5.20	51.0	5.58	54.7	6.15	60.3	6.56	64.3	0.430
12	5.96	58.5	6.41	62.8	7.06	69.2	7.53	73.8	0.494
12.5	6.47	63.5	6.95	68.2	7.66	75.1	8.17	80.1	0.536
14.	8.12	79.6	8.72	85.5	9.61	94.3	10.20	100.0	0.672
16	10.60	104.0	11.40	112.0	12.60	123.0	13.40	131.0	0.878

8xFi(25)



用途：電梯

For Elevator

構造：普通、蘭格撚法

Construction : Ordinary & Lang Lay

8撚

8 Strands

25線

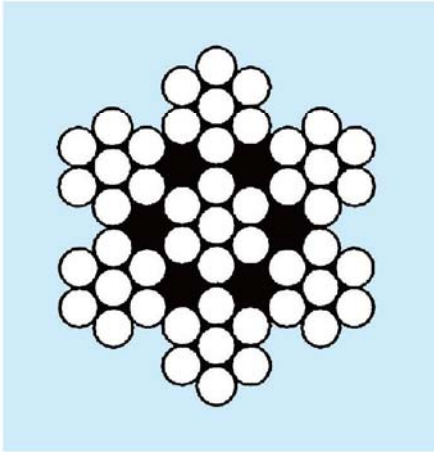
25 Wires per Strand

填充型

1麻心

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load								概算單位重量 Approx Wt. per Meter
	無鍍鋅 Ungalvanized		鍍鋅 Galvanized		鍍鋅或無鍍鋅 Galvanized / Ungalvanized		無鍍鋅 Ungalvanized		
	E級 135Kg/mm ²		G級 150Kg/mm ²		A級 165Kg/mm ²		B級 180Kg/mm ²		公斤/公尺 kg/m
tf.	kN.	tf.	kN.	tf.	kN.	tf.	kN.		
18	13.40	132.0	14.40	141.0	15.90	156.0	16.90	166.0	1.110
20	16.60	162.0	17.80	175.0	19.60	192.0	20.90	205.0	1.370
22.4	20.80	204.0	22.30	219.0	24.60	241.0	26.20	257.0	1.720
25	25.90	254.0	27.80	273.0	30.60	301.0	32.70	320.0	2.140

7x7

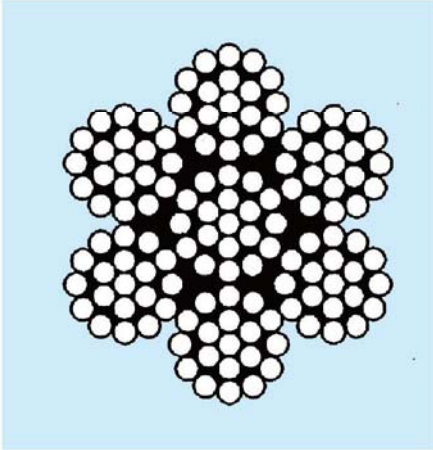


用途：吊橋及架空纜道靜纜

For Drawbridge and aerial cableway static cable

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load		概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		
	G級 150Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	
8	4.2	40.9	0.251
10	6.6	63.9	0.392
12	9.4	92.2	0.565
14	12.9	126	0.770
16	16.8	164	1.01
18	21.1	207	1.27
20	26.1	256	1.57
22	32.0	313	1.90
24	37.7	369	2.26
26	44.1	432	2.66
28	51.2	502	3.08
30	58.8	576	3.53
32	66.8	655	4.02
34	75.4	739	4.54
36	84.6	829	5.09

7x19

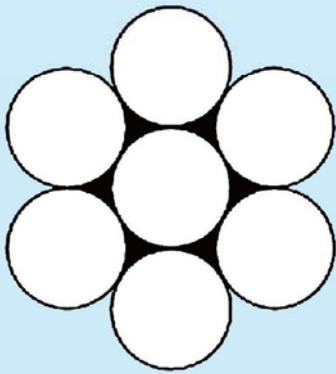


用途：吊橋及架空纜道靜纜

For Drawbridge and aerial cableway static cable

鋼纜直徑 Diameter	拉斷負荷 Minimum Breaking Load		概算單位重量 Approx Wt. per Meter
	鍍鋅 Galvanized		
	G級 150Kg/mm ²		公斤/公尺 kg/m
	tf.	kN.	
10	6.3	61.3	0.385
12	9.0	88.3	0.560
14	12.3	120	0.760
16	16.0	157	0.993
18	20.2	198	1.26
20	25.0	245	1.55
22	30.6	300	1.90
24	36.0	353	2.23
26	42.2	414	2.65
28	49.0	481	3.07
30	56.3	552	3.50
32	64.2	629	4.01
34	70.5	691	4.53
36	75.6	780	5.08
38	89.0	872	5.66
40	90.9	981	6.28
42	112.0	1098	6.92
44	120.0	1177	7.60
46	134.0	1314	8.30
48	142.0	1393	9.03
50	156.1	1530	9.80

鍍鋅鋼絞線



用途：架空地線、埋設地線、支線
電桿拉線等

For Stage Strands

7Wires
Galvanized Strand

通用抗拉強度等級為70,90及125Kgf/mm²
(690,880,1230N/mm²)

絞線直徑		單線直徑 Wire Size			拉斷負荷 Minimum Breaking Load										每 一百公尺 重量(約) (kg/100m)	
直徑 Diameter		面積 Area	線號 B.W.G.	mm	35	40	50	60	70	80	90	100	110	120		125
公釐 mm	英吋(約) inch (approx)				平方 公釐 mm ²	kg/mm ²	kg/mm ²	kg/mm ²	kg/mm ²	kg/mm ²	kg/mm ²	kg/mm ²	kg/mm ²	kg/mm ²		kg/mm ²
15.0	19/32	135	6	5.0	4,330	4,950	6,190	7,420	8,630	9,890	11,100	12,370	13,610	14,840	15,400	109.50
13.5	17/32	110	7	4.5	3,500	4,000	5,000	6,010	6,990	8,010	9,000	10,700	11,020	12,020	12,500	88.70
12.0	15/32	90	8	4.0	2,770	3,170	3,960	4,750	5,540	6,330	7,120	7,020	8,710	9,510	9,890	70.08
10.5	13/32	70	9	3.5	2,120	2,430	3,030	3,640	4,240	4,850	5,580	6,050	6,660	7,280	7,560	53.66
9.6	3/8	55	10	3.2	1,770	2,030	2,530	3,040	3,550	4,050	4,560	5,070	5,580	6,070	6,300	44.85
8.7	11/32	45	11	2.9	1,460	1,660	2,080	2,490	2,910	3,330	3,740	4,160	4,580	5,000	5,200	36.84
7.8	5/16	38	12	2.6	1,175	1,340	1,670	2,010	2,340	2,680	3,010	3,350	3,690	4,010	4,180	29.16
6.9	9/32	30	13	2.3	915	1,050	1,310	1,570	1,830	2,090	2,360	2,610	2,870	3,140	3,270	23.17
6.0	1/4	22	14	2.0	693	794	989	1,180	1,390	1,580	1,780	1,980	2,180	2,370	2,470	17.52
5.4	7/32	18	15	1.8	558	645	800	960	1,120	1,280	1,440	1,600	1,770	1,930	1,990	14.22
4.8	3/16	14	16	1.6	443	509	633	760	885	1,024	1,140	1,268	1,400	1,523	1,573	11.25
4.2	5/32	10	17	1.4	340	390	485	582	680	776	873	970	1,072	1,178	1,208	8.63
3.6	9/64	8	18	1.2	249	286	356	427	499	570	641	712	796	868	888	6.32
3.0	1/8	6	20	1.0	174	200	250	300	349	399	449	499	552	601	621	4.43



經濟部標準檢驗局正字標記證書

廠 商 名 稱 佳大世界股份有限公司

廠 商 地 址 台南市永康區鹽行里中正北路317巷16號

代 表 人 姓 名 吳大和

生 產 製 造 工 廠 名 稱 佳大世界股份有限公司林園廠

生 產 製 造 工 廠 地 址 高雄市林園區溪州里溪州一路223巷85號

品 管 評 鑑 制 度 CNS 12681/ISO 9001:2008

產 品 名 稱 鋼 纜

適 用 國 家 標 準 總 號 941 類 號 G3011

證 書 號 碼 台 正 字 第 8145 號

上記產品依標準法第11條第1項規定審查合格，
核准使用正字標記。

局長 劉 明 忠

中 華 民 國 103 年 6 月 26 日





總公司：台南市永康區鹽行里中正北路317巷16號

16,LANE 317,CHUNG CHENG NORTH RD.,YAN HAN,
YUNG KANG DISTRICT,TAINAN CITY,TAIWAN,R.O.C.
TEL : 886-6-2533117 FAX : 886-6-2533932

永二廠：台南市永康區中正北路965號

965,CHUNG CHENG NORTH ROAD,YUNG KANG DISTRICT,
TAINAN CITY,TAIWAN,R.O.C.
TEL : 886-6-2547825 FAX : 886-6-2547820

林園廠：高雄市林園區溪州里溪州一路223號85號

85,LANE 223,XIZHOU 1ST ROAD,LINYUAN DISTRICT,
KAOHSIUNG CITY, TAIWAN,R.O.C.
TEL : 886-7-6412388、6413084 FAX : 886-7-6438752
E-MAIL : ct700.liching@msa.hinet.net
http : //www.ctworld.com.tw