



# Wire Rope Catalog

Song Ho Industrial Co., Ltd.

# Over view

**公司宗旨：**感恩 真誠回饋的行動

**經營理念：**忠誠、合作、堅忍、創新

**Company Goal：**Grateful, be sincere feedback

**Operate Concept：**Honesty, Cooperate, Persevering, Creativity

## 公司介紹

公司名稱：松和工業股份有限公司

董事長：林敏舜 副董事長：林廷芳

總經理：林廷芳

地址：南投縣南投市南崗三路61號

創立：民國61年9月(西元1972年9月)

資本額：NT\$ 496,220,760

員工人數：300人

廠地面積：49,040 m<sup>2</sup>

建築面積：29,115 m<sup>2</sup>

營業項目：鋼纜、鋼線、鍍鋅鋼絞線、棒鋼、球化材、水門機械等之製造及銷售

## Company

Name of Co. : Song Ho Industrial Co., Ltd.

Chairman : Lin, Min-Shun Vice Chairman : Ling, Ting-Fang

General Manager : Ling, Ting-Fang

Address : No. 61, Nan-Kong 3 Road, Nan-Tou City 54067, Taiwan

Established : September, 1972

Capital investment : NT\$ 496,220,760

Employees : 300

Manufactory site area : 49,040 m<sup>2</sup>

Architectural area : 29,115 m<sup>2</sup>

Product : cable, wire rope, steel wire, galvanized steel strand, cold drawing finished bar, cold heading wire and water-control gate machinery

## 公司沿革

- 1972 : 本公司創立於高雄縣大寮鄉，從事內控線、釣魚線及細鋼纜之製造，資本額 NT\$8,000,000。
- 1976 : 申請在南投縣南崗工業區設廠，增資為NT\$16,000,000。
- 1980 : 榮獲經濟部標準檢驗局評核“品管甲等工廠”，產品並獲准使用®正字標記。
- 1989 : 榮獲日本工業規格(JIS) (JIS) 表示承認及英國勞氏驗船協會認可工廠。
- 1994 : 榮獲經濟部商品檢驗局 ISO 9002 認可登錄工廠。
- 1999 : 購買南崗二廠。
- 2000 : 榮獲經濟部標準檢驗局 ISO 14001 認可登錄工廠。
- 2001 : 3月5日股票在櫃檯買賣中心掛牌上櫃買賣。
- 2003 : 榮獲經濟部商品檢驗局 ISO 9001 認可登錄工廠。
- 2003 : 赴越南設廠取得投資執照。
- 2005 : 增資為NT\$410,099,800。
- 2008 : 榮獲新日本工業規格 (JIS) JIS G3525表示承認。
- 2009 : 增資為NT\$451,109,780。榮獲經濟部商品檢驗局 OHSAS 18001/TOSHMS 認可登錄工廠。
- 2011 : 增資為NT\$496,220,760。榮獲新日本工業規格 (JIS) JIS G3537表示承認。

## History

- 1972 : Established at Ta-Liaw Shian, Kaohsing with capital investment of NT\$8,000,000, manufactured inner cable fishing wire and fine cable.
- 1976 : Increased Capital investment to NT\$ 16,000,000 and filed the establishment of factory at Nan-Kong Industrial Park.
- 1980 : Rated as “The manufactory of class A quality control” ® by the Bureau of Central Standard, Ministry of Economic Affairs, and was authorized using the trademark on the products.
- 1989 : Certified(JIS) (JIS) mark by Japanese Industrial Standards and Lloyds’ Register of Shipping Association respectively.
- 1994 : Certified ISO 9002 authorized registration manufactory by the Bureau of Commodity Inspection and Quarantine, Ministry of Economic Affairs.
- 1999 : Purchased the second plant(located in no.328 Chung-Hwa Road, Nan-Tou City).
- 2000 : Certified ISO 14001 registered by the BSMI, Ministry of Economic Affairs Taiwan.
- 2001 : Stock transaction over-the-counter.
- 2003 : Certified ISO 9001 registered by the BSMI, Ministry of Economic Affairs Taiwan.
- 2003 : Established Song Ho Vietnam Industrial Co., Ltd.
- 2005 : Increased Capital investment to NT\$ 410,099,800.
- 2008 : Certified(JIS) (JIS) mark by JQA(Japan Quality Assurance Organization). (JIS)G3525.
- 2009 : Increased Capital investment to NT\$ 451,109,780. OHSAS 18001/TOSHMS registered by the BSMI, Ministry of Economic Affairs Taiwan.
- 2011 : Increased Capital investment to NT\$ 496,220,760. (JIS)G3537.

# 品質保證 Quality

# Assurance

## 誠實 專業 創新

成立於1972年，專業於鋼纜、鋼線、鍍鋅鋼絞線、棒鋼、球化鋼線、水門機械等生產製造。

堅持以全方位、質精的服務為客戶謀劃最佳的產品，達成客戶交付的任務。秉持不斷追求卓越、創新、確實的經營理念，以專業化的技術，優良的生產設備，完善的品管檢驗流程及儀器，以專精的服務技術，為您提供所有的需求，我們堅信客戶的全心託付，就是松和的企業使命。並提供客戶完整的解決方案。

## Honesty Professional Creativity

Song Ho Industrial Co., Ltd. is established in 1972, and specializes in cable, steel wire, galvanized steel wire strand, cold drawing finished bar, cold heading wire, and water-control gate machinery.

We insist to give our clients a high quality service, which is all-inclusive, and provide our quality with suitable products. Our goal is to continue improve our existing products and explore any aspect to develop new products. Song Ho's concept is to run the business with honesty and professionalism. Precise production process, complete qualities check system and testing equipment, and professional technical support that will provide what you need. Your trust gives us the motivation to improve our products, and fill the need of our clients.



ISO 9001 : 品質管理系統驗證



Certified JIS mark by JQA



試驗設備 Testing Equipment



試驗設備 Testing Equipment



試驗設備 Testing Equipment





Lloyd's Register



TAF



試驗設備 Testing Equipment



生產設備 Manufactory Machine



生產設備 Manufactory Machine



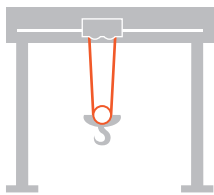
生產設備 Manufactory Machine





## 葫蘆行車 橋式起重機

STEELWORKS LADLE



起升高度 < 30米

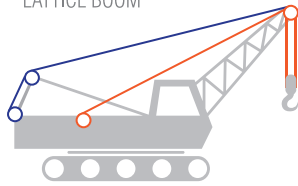
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WSH836S  
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WSH6Fi25CI  
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WSH6WS31CI  
WSH6WS36CI  
WSH6S19I  
WSH6W19I  
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WSH6Fi29I  
WSH6WS31I  
WSH6WS36I

起升高度 > 30米

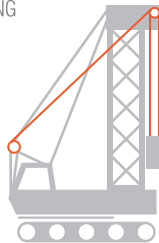
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WSH18K7  
WSH19K7  
WSH187  
WSH197

## 移動式起重機 旋挖鑽機

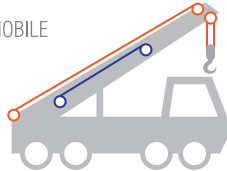
LATTICE BOOM



PILING



MOBILE



起升鋼絲繩

WSH34C  
WSH35  
WSH18K7  
WSH19K7  
WSH187  
WSH197

變幅鋼絲繩

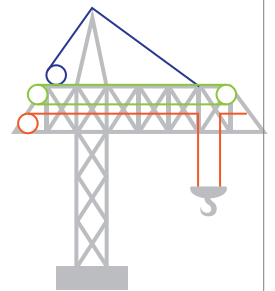
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WSH831S  
WSH836S  
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WSH6WS36CI

繩排繩

WSH826SC

## 塔式起重機

TOWER

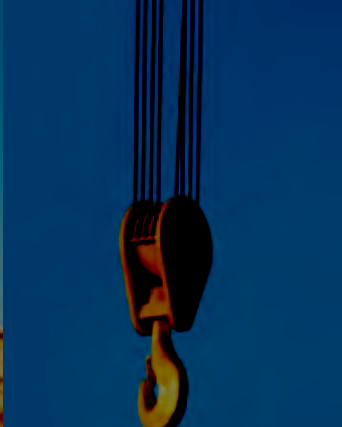


起升鋼絲繩

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WSH18K7  
WSH19K7  
WSH187  
WSH197

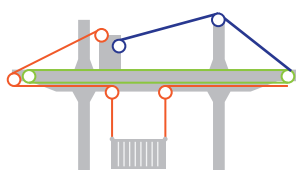
俯視塔機變幅鋼絲繩

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WSH836S  
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WSH6WS31CI  
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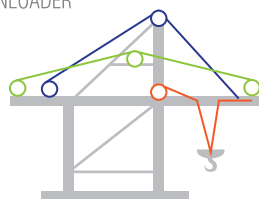


## 港口起重機

CONTAINER



UNLOADER



### 起升鋼絲繩

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- WSH826S
- WSH831S
- WSH836S
- WSH6Fi29CI
- WSH6WS31CI
- WSH6WS36CI
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- WSH6WS26I
- WSH6Fi29I
- WSH6WS31I
- WSH6WS36I

### 拉索

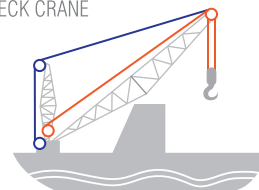
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- WSH6Fi25I
- WSH6WS26I

### 小車牽引繩

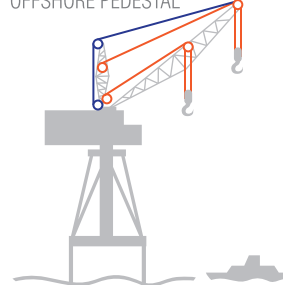
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- WSH6WS31CI
- WSH6WS36CI
- WSH6Fi25I
- WSH6WS26I
- WSH6Fi29I
- WSH6WS31I
- WSH6WS36I

## 船舶 海工起重機

DECK CRANE



OFFSHORE PEDESTAL



### 起升鋼絲繩

- WSH34C
- WSH35
- WSH18K7
- WSH19K7
- WSH187
- WSH197

### 俯視塔機變幅鋼絲繩

- WSH826SC
- WSH826S
- WSH831S
- WSH836S
- WSH6Fi29CI
- WSH6WS31CI
- WSH6WS36CI
- WSH6Fi25I
- WSH6WS26I
- WSH6Fi29I
- WSH6WS31I
- WSH6WS36I

### 變幅鋼絲繩

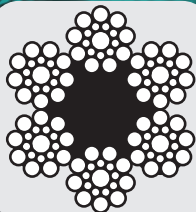
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- WSH6Fi25I
- WSH6WS26I
- WSH6Fi29I
- WSH6WS31I
- WSH6WS36I

### 小車牽引繩

- WSH6Fi29CI
- WSH6WS31CI
- WSH6WS36CI
- WSH6Fi25I
- WSH6WS26I
- WSH6Fi29I
- WSH6WS31I
- WSH6WS36I

# Fiber Core Parallel Lay Rope

纖維心平行撚鋼纜



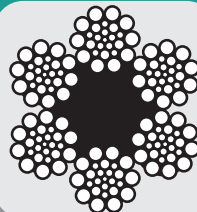
WSH 6S19F



WSH 6W19F



WSH 6Fi25F



WSH 6WS26F

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	正常撚法 · 蘭氏撚法						
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
4	9.29	{0.95}	10.3	{1.06}	11.2	{1.14}	0.062
5	14.5	{1.48}	16.1	{1.65}	17.4	{1.78}	0.096
6	20.9	{2.13}	23.3	{2.37}	25.1	{2.56}	0.139
6.3	23.0	{2.35}	25.6	{2.61}	27.6	{2.82}	0.153
8	37.2	{3.79}	41.4	{4.22}	44.7	{4.55}	0.247
9	47.0	{4.80}	52.3	{5.34}	56.4	{5.75}	0.312
10	58.1	{5.92}	64.7	{6.60}	69.8	{7.11}	0.386
11.2	72.8	{7.43}	81.0	{8.27}	87.4	{8.91}	0.484
12	83.7	{8.52}	93.2	{9.51}	100	{10.2}	0.556
12.5	90.7	{9.25}	101	{10.3}	109	{11.1}	0.603
14	114	{11.6}	127	{12.9}	137	{14.0}	0.756
16	149	{15.2}	166	{16.9}	179	{18.2}	0.988
18	188	{19.2}	209	{21.4}	226	{23.0}	1.25
20	232	{23.7}	258	{26.3}	279	{28.4}	1.54
22	281	{28.6}	312	{31.8}	336	{34.3}	1.86
22.4	291	{29.7}	324	{33.0}	349	{35.6}	1.94
25	363	{37.0}	404	{41.2}	436	{44.4}	2.41
28	455	{46.4}	506	{51.7}	546	{55.7}	3.02
30	523	{53.3}	582	{59.4}	628	{64.0}	3.47
31.5	576	{58.7}	641	{65.4}	692	{70.5}	3.83
33.5	652	{66.4}	726	{74.0}	783	{79.8}	4.33
35.5	732	{74.6}	815	{83.1}	879	{89.6}	4.86
37.5	816	{83.3}	908	{92.7}	----	----	5.43
40	929	{94.7}	1030	{106}	----	----	6.17
42.5	1050	{107}	----	----	----	----	6.97
45	1180	{120}	----	----	----	----	7.81

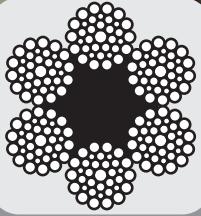




WSH 6Fi29F



WSH 6WS31F

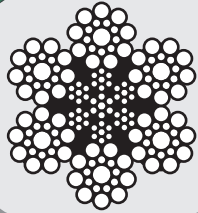


WSH 6WS36F

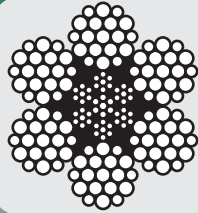
鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	正常撚法 · 蘭氏撚法						
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
8	37.9	{3.87}	42.0	{4.24}	44.8	{4.57}	0.253
9	48.0	{4.89}	53.0	{5.37}	56.7	{5.79}	0.321
10	59.2	{6.04}	65.0	{6.62}	69.9	{7.14}	0.396
11.2	74.3	{7.58}	81.0	{8.31}	87.8	{8.96}	0.496
12	85.2	{8.69}	93.0	{9.53}	101	{10.3}	0.570
12.5	92.5	{9.44}	101	{10.3}	109	{11.1}	0.618
14	116	{11.8}	127	{13.0}	137	{14.0}	0.776
16	152	{15.5}	167	{17.0}	179	{18.3}	1.01
18	192	{19.6}	210	{21.5}	227	{23.1}	1.28
20	237	{24.2}	260	{26.5}	280	{28.6}	1.58
22.4	297	{30.3}	326	{33.2}	351	{35.8}	1.99
25	370	{37.8}	406	{41.4}	437	{44.6}	2.47
28	464	{47.4}	507	{51.8}	546	{55.8}	3.10
30	533	{54.4}	584	{59.6}	629	{64.2}	3.56
31.5	588	{59.9}	644	{65.8}	694	{70.8}	3.93
33.5	665	{67.8}	729	{74.4}	785	{80.1}	4.44
35.5	746	{76.1}	818	{83.4}	881	{89.9}	4.99
37.5	833	{84.9}	913	{93.2}	984	{100}	5.57
40	948	{96.6}	1040	{106}	1120	{114}	6.33
42.5	1070	{109}	1170	{120}	1260	{129}	7.15
45	1200	{122}	1320	{134}	----	----	8.01
47.5	1340	{137}	1470	{150}	----	----	8.93
50	1480	{151}	----	----	----	----	9.90
53	1660	{169}	----	----	----	----	11.1
56	1860	{190}	----	----	----	----	12.4
60	2130	{217}	----	----	----	----	14.2

# Independent Wire Rope Core Parallel Lay Rope

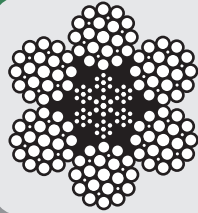
鋼纜心平行撚鋼纜



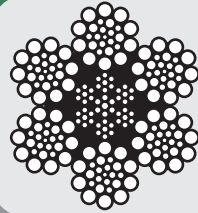
WSH 6S19I



WSH 6W19I

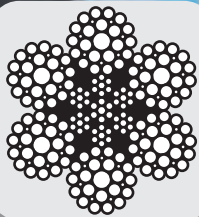


WSH 6Fi25I

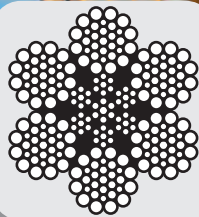


WSH 6WS26I

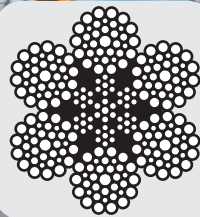
鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	正常撚法 · 蘭氏撚法						
	無鍍鋅 · 鍍鋅			無鍍鋅			
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
8	42.4	{4.32}	46.0	{4.69}	50.0	{5.10}	0.275
9	53.6	{5.47}	58.2	{5.93}	63.3	{6.50}	0.348
10	66.2	{6.75}	71.8	{7.33}	78.2	{8.00}	0.430
11.2	83.0	{8.47}	90.0	{9.19}	98.0	{10.0}	0.539
12	95.3	{9.73}	103	{10.6}	113	{11.5}	0.619
12.5	103	{10.5}	112	{11.4}	122	{12.4}	0.672
14	130	{13.2}	141	{14.4}	154	{15.7}	0.843
16	169	{17.3}	183	{18.7}	200	{20.4}	1.10
18	214	{21.9}	232	{23.7}	253	{25.8}	1.39
20	265	{27.0}	288	{29.3}	313	{31.9}	1.72
22.4	332	{33.9}	360	{36.7}	392	{40.0}	2.16
25	414	{42.2}	449	{45.8}	489	{49.9}	2.69
28	519	{52.9}	563	{57.4}	613	{62.5}	3.37
30	596	{60.7}	646	{66.0}	704	{71.8}	3.87
31.5	657	{67.0}	713	{72.7}	776	{79.2}	4.27
33.5	743	{75.7}	806	{82.2}	877	{89.5}	4.83
35.5	834	{85.1}	905	{92.3}	985	{100}	5.42
37.5	931	{94.9}	1010	{103}	1100	{112}	6.05
40	1060	{108}	1150	{117}	1250	{128}	6.88
42.5	1200	{122}	1300	{133}	1420	{145}	7.77
45	1340	{137}	1450	{148}	1580	{161}	8.71
47.5	1490	{152}	1620	{165}	1760	{179}	9.70
50	1650	{169}	1790	{183}	----	----	10.8
53	1860	{190}	2020	{206}	----	----	12.1
56	2080	{212}	2260	{230}	----	----	13.5
60	2380	{243}	2580	{263}	----	----	15.5



WSH 6Fi29I



WSH 6WS31I

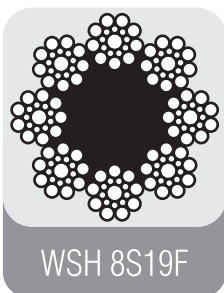


WSH 6WS36I

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	正常撚 · 蘭氏撚法						
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
7	33.1	{3.37}	35.3	{3.60}	37.7	{3.84}	0.215
8	43.3	{4.41}	46.2	{5.02}	49.3	{5.03}	0.282
9	54.8	{5.58}	58.5	{5.96}	62.4	{6.36}	0.356
10	67.7	{6.90}	72.2	{7.37}	77.0	{7.86}	0.440
11.2	84.9	{8.66}	90.6	{9.24}	96.6	{9.86}	0.552
12	97.4	{9.94}	104	{10.6}	111	{11.3}	0.634
12.5	106	{10.8}	113	{11.5}	121	{12.3}	0.688
14	133	{13.5}	142	{14.4}	151	{15.5}	0.863
16	173	{17.7}	185	{18.9}	197	{20.1}	1.13
18	219	{22.4}	234	{23.9}	250	{25.5}	1.43
20	271	{27.6}	289	{29.5}	308	{31.5}	1.76
22	328	{33.4}	350	{35.7}	373	{38.1}	2.13
22.4	340	{34.6}	362	{37.0}	386	{39.4}	2.21
24	390	{39.7}	416	{42.5}	444	{45.4}	2.53
25	423	{43.2}	451	{46.0}	481	{49.1}	2.75
28	531	{54.1}	567	{57.8}	605	{61.7}	3.45
30	609	{62.1}	650	{66.3}	693	{70.7}	3.96
31.5	672	{68.5}	717	{73.1}	765	{78.0}	4.37
33.5	760	{77.5}	811	{82.7}	865	{88.2}	4.94
35.5	853	{87.0}	910	{92.9}	970	{99.0}	5.55
37.5	952	{97.1}	1020	{104}	1080	{110}	6.19
40	1080	{110}	1160	{118}	1230	{126}	7.04
42.5	1220	{125}	1300	{133}	1390	{141}	7.95
45	1370	{140}	1460	{149}	----	----	8.91
47.5	1530	{156}	1630	{166}	----	----	9.93
50	1690	{173}	----	----	----	----	11.0
53	1900	{194}	----	----	----	----	12.4
56	2120	{217}	----	----	----	----	13.8
60	2440	{249}	----	----	----	----	15.8

# 8 Strands Elevator Wire Rope

8股鋼纜-電梯用



WSH 8S19F



WSH 8W19F

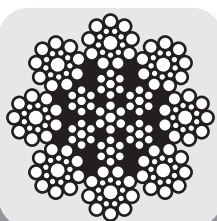


WSH 8Fi25F

鋼纜直徑 (mm)	拉斷負荷								(參考) 概算 單位質量 kg/m
	正常 · 蘭氏撚法		正常撚法		正常 · 蘭氏撚法				
	無 鍍 鋅		鍍 鋅		無 鍍 鋅 · 鍍 鋅		無 鍍 鋅		
	1320 N/mm <sup>2</sup> (135 kgf/mm <sup>2</sup> )		1470 N/mm <sup>2</sup> (150 kgf/mm <sup>2</sup> )		1620 N/mm <sup>2</sup> (165 kgf/mm <sup>2</sup> )		1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	kN	{ tf }	
8	26.0	{2.65}	27.9	{2.85}	30.8	{3.14}	32.8	{3.35}	0.220
10	40.6	{4.14}	43.6	{4.45}	48.1	{4.90}	51.3	{5.23}	0.343
11.2	51.0	{5.20}	54.7	{5.58}	60.3	{6.15}	64.3	{6.56}	0.430
12	58.5	{5.96}	62.8	{6.41}	69.2	{7.06}	73.8	{7.53}	0.494
12.5	63.5	{6.47}	68.2	{6.95}	75.1	{7.66}	80.1	{8.17}	0.536
14	79.6	{8.12}	85.5	{8.72}	94.3	{9.61}	100	{10.2}	0.672
16	104	{10.6}	112	{11.4}	123	{12.6}	131	{13.4}	0.878
18	132	{13.4}	141	{14.4}	156	{15.9}	166	{16.9}	1.11
20	162	{16.6}	175	{17.8}	192	{19.6}	205	{20.9}	1.37
22.4	204	{20.8}	219	{22.3}	241	{24.6}	257	{26.2}	1.72
25	254	{25.9}	273	{27.8}	301	{30.6}	320	{32.7}	2.14

# Independent Wire Rope Core 8 Strands Elevator Wire Rope

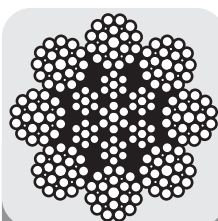
鋼纜心8股鋼纜



WSH 8S19I



WSH 8W19I

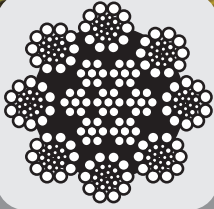


WSH 8Fi25I

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
10	63.0	{6.40}	69.8	{7.10}	76.9	{7.80}	0.407
11	76.2	{7.80}	84.5	{8.60}	92.2	{9.40}	0.492
12	90.7	{9.30}	101	{10.3}	110	{11.2}	0.586
13	106	{10.9}	118	{12.0}	129	{13.1}	0.688
14	123	{12.6}	137	{14.0}	149	{15.2}	0.798
16	161	{16.5}	179	{18.2}	195	{19.9}	1.04
18	204	{20.8}	226	{23.1}	247	{25.2}	1.32
20	252	{25.7}	279	{28.5}	305	{31.1}	1.63
22	305	{31.1}	338	{34.5}	369	{37.6}	1.97
24	363	{37.0}	402	{41.0}	439	{44.8}	2.34
26	426	{43.4}	472	{48.1}	515	{52.6}	2.75
28	494	{50.4}	547	{55.8}	597	{61.0}	3.19
30	567	{57.8}	628	{64.1}	686	{70.0}	3.66
32	645	{65.8}	715	{72.9}	780	{79.6}	4.17
34	728	{74.3}	807	{82.3}	881	{89.9}	4.70
36	816	{83.3}	905	{92.3}	988	{101}	5.27
38	909	{92.8}	1010	{103}	1100	{112}	5.88
40	1010	{103}	1120	{114}	1220	{124}	6.51
42	1110	{113}	1230	{126}	1340	{137}	7.18
44	1220	{124}	1350	{138}	----	----	7.88

# Independent Wire Rope Core 8 Strands Elevator Wire Rope

鋼纜心8股鋼纜



WSH 8WS26I



WSH 8WS31I



WSH 8WS36I



鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
7	31.0	{3.10}	33.7	{3.44}	37.7	{3.85}	0.204
7.5	35.0	{3.60}	39.3	{4.01}	43.3	{4.41}	0.235
8	40.0	{4.10}	44.7	{4.56}	49.2	{5.02}	0.267
9	51.0	{5.20}	56.5	{5.77}	62.3	{6.36}	0.338
10	63.1	{6.40}	69.9	{7.13}	76.9	{7.85}	0.417
11	76.2	{7.80}	84.5	{8.62}	93.0	{9.49}	0.505
12	90.7	{9.30}	101	{10.3}	111	{11.3}	0.600
13	106	{10.9}	118	{12.0}	130	{13.3}	0.705
14	123	{12.6}	137	{14.0}	151	{15.4}	0.817
16	161	{16.5}	179	{18.2}	197	{20.1}	1.07
18	204	{20.8}	226	{23.1}	249	{25.4}	1.35
20	252	{25.7}	279	{28.5}	308	{31.4}	1.67
22	305	{31.1}	338	{34.5}	372	{38.0}	2.02
24	363	{37.0}	402	{41.0}	443	{45.2}	2.40
26	426	{43.4}	472	{48.1}	520	{53.0}	2.82
28	494	{50.4}	547	{55.8}	603	{61.5}	3.27
30	567	{57.8}	628	{64.1}	692	{70.6}	3.75
32	645	{65.8}	715	{72.9}	787	{80.4}	4.27
34	728	{74.3}	807	{82.3}	889	{90.7}	4.82
36	816	{83.3}	905	{92.3}	997	{102}	5.40
38	909	{92.8}	1010	{103}	1110	{113}	6.02
40	1010	{103}	1120	{114}	1230	{126}	6.67
42	1110	{113}	1230	{126}	1360	{138}	7.36
44	1220	{119}	1350	{138}	1490	{152}	8.07

# Non-rotation Rope or Hercules Rope

非自轉性鋼纜



WSH 187

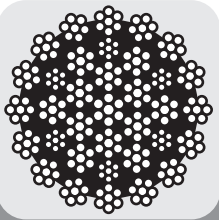


WSH 197

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m	
	正常撚法							
	無鍍鋅 · 鍍鋅							
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )			
	kN	{tf}	kN	{tf}	kN	{tf}	FC	IWSC
6	20.9	{2.13}	23.1	{2.36}	24.8	{2.52}	0.138	0.144
7	28.4	{2.90}	31.5	{3.21}	33.7	{3.43}	0.187	0.196
8	37.2	{3.80}	41.1	{4.19}	44.1	{4.49}	0.244	0.257
9	47	{4.80}	52.1	{5.32}	55.8	{5.69}	0.309	0.325
10	58.1	{5.93}	64.3	{6.56}	68	{6.93}	0.382	0.401
11	70.2	{7.16}	77.8	{7.94}	83	{8.46}	0.462	0.485
12	83.6	{8.53}	92.6	{9.45}	99.2	{10.1}	0.550	0.577
13	98.1	{10.0}	109	{11.1}	116.4	{11.8}	0.646	0.678
14	114	{11.6}	126	{12.9}	135.6	{13.8}	0.749	0.786
16	149	{15.2}	165	{16.8}	176.3	{17.9}	0.978	1.03
18	188	{19.2}	208	{21.2}	223.2	{22.7}	1.24	1.30
20	232	{23.7}	257	{26.2}	275.6	{28.1}	1.53	1.60
22	281	{28.7}	311	{31.7}	333.4	{33.9}	1.85	1.94
24	334	{34.1}	370	{37.8}	396.8	{40.4}	2.20	2.31
26	390	{39.8}	435	{44.4}	465.7	{47.4}	2.58	2.71
28	455	{46.4}	504	{51.4}	540.1	{55.0}	2.99	3.14
30	522	{53.2}	578	{58.9}	620.1	{63.2}	3.44	3.60
32	594	{60.5}	658	{67.0}	705.5	{71.9}	3.91	4.10
34	671	{68.4}	743	{75.7}	796.5	{81.2}	4.41	4.63
36	752	{76.6}	833	{84.9}	892.9	{91.0}	4.95	5.19
38	838	{85.4}	928	{94.6}	994.9	{101.4}	5.51	5.79
40	929	{94.7}	1028	{104.8}	---	---	6.11	6.41

# Non-rotation Rope or Hercules Rope

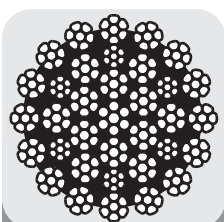
非自轉性鋼纜



WSH 35

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
8	44.0	{4.5}	49	{5.0}	52	{5.4}	0.292
10	68.8	{7.02}	77	{7.85}	82	{8.36}	0.457
11	83.2	{8.49}	93	{9.50}	100	{10.2}	0.553
12	99.0	{10.1}	111	{11.3}	119	{12.1}	0.658
13	116	{11.9}	131	{13.4}	140	{14.3}	0.772
14	135	{13.8}	152	{15.5}	162	{16.5}	0.896
15	155	{15.8}	174	{17.7}	186	{19.0}	1.03
16	176	{18.0}	197	{20.1}	211	{21.5}	1.17
18	222	{22.6}	250	{25.5}	268	{27.3}	1.48
20	275	{28.1}	308	{31.4}	328	{33.4}	1.83
22	333	{34.0}	373	{38.0}	397	{40.5}	2.21
24	396	{40.4}	444	{45.2}	472	{48.2}	2.63
26	465	{47.4}	521	{53.1}	554	{56.5}	3.09
28	539	{55.0}	604	{61.6}	643	{65.6}	3.58
30	619	{63.1}	693	{70.7}	738	{75.3}	4.11
32	705	{71.8}	788	{80.4}	840	{85.6}	4.68
34	795	{81.1}	890	{90.8}	948	{96.7}	5.28
36	892	{90.9}	998	{102}	1060	{108}	5.92
38	993	{101}	1110	{113}	1180	{120}	6.60
40	1100	{112}	1230	{125}	1310	{134}	7.31





WSH 34C

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
8	51.8	{5.3}	58	{5.9}	62	{6.3}	0.326
10	80.9	{8.2}	91	{9.3}	97	{9.9}	0.510
11	97.9	{10.0}	110	{11.2}	117	{12.0}	0.617
12	116	{11.9}	131	{13.4}	140	{14.2}	0.735
13	137	{13.9}	154	{15.7}	164	{16.7}	0.862
14	159	{16.2}	178	{18.2}	191	{19.5}	1.00
15	182	{18.6}	205	{20.9}	219	{22.3}	1.15
16	207	{21.1}	233	{23.8}	249	{25.4}	1.31
18	262	{26.7}	295	{30.1}	314	{32.0}	1.65
20	324	{33.0}	364	{37.1}	388	{39.6}	2.04
22	392	{39.9}	440	{44.9}	469	{47.9}	2.47
24	466	{47.5}	524	{53.4}	559	{57.0}	2.94
26	547	{55.8}	615	{62.7}	656	{66.9}	3.45
28	634	{64.7}	713	{72.8}	760	{77.5}	4.00
30	728	{74.2}	819	{83.5}	873	{89.0}	4.59
32	828	{84.5}	932	{95.0}	993	{101}	5.22
34	935	{95.4}	1050	{107}	1120	{114}	5.90
36	1040	{106}	1170	{119}	1250	{127}	6.61
38	1160	{118}	1310	{134}	1400	{143}	7.36
40	1290	{132}	1450	{148}	1550	{158}	8.16

# Non-rotation Rope or Hercules Rope

非自轉性鋼纜



WSH 197C

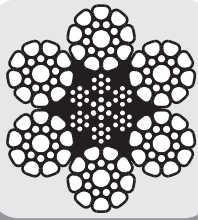
鋼纜直徑 (mm)	拉斷負荷				(參考) 概算 單位質量 kg/m
	無鍍鋅 · 鍍鋅				
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	
6	24	{2.40}	26	{2.66}	0.169
7	32	{3.26}	36	{3.62}	0.230
8	42	{4.26}	46	{4.73}	0.301
9	53	{5.39}	59	{5.98}	0.381
10	65	{6.66}	72	{7.39}	0.470
11	79	{8.06}	88	{8.94}	0.569
12	94	{9.6}	104	{10.6}	0.677
13	110	{11.3}	122	{12.5}	0.794
14	128	{13.1}	142	{14.5}	0.921
16	168	{17.1}	186	{19.0}	1.20
18	212	{21.6}	235	{23.9}	1.52
20	262	{26.7}	290	{29.6}	1.88
22	317	{32.3}	351	{35.8}	2.27
24	377	{38.4}	418	{42.6}	2.71
26	443	{45.2}	490	{49.9}	3.18
28	513	{52.3}	569	{58.0}	3.68
30	589	{60.1}	653	{66.6}	4.23
32	671	{68.4}	743	{75.8}	4.81



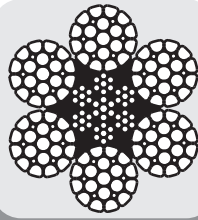
鋼纜直徑 (mm)	拉斷負荷				(參考) 概算 單位質量 kg/m
	無鍍鋅 · 鍍鋅				
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	
6	22	{2.27}	25	{2.51}	0.154
7	30	{3.08}	34	{3.42}	0.209
8	40	{4.03}	44	{4.46}	0.273
9	50	{5.10}	55	{5.65}	0.346
10	62	{6.30}	68	{6.97}	0.427
11	75	{7.62}	83	{8.44}	0.517
12	89	{9.1}	98	{10.0}	0.615
13	104	{10.6}	116	{11.8}	0.722
14	121	{12.3}	134	{13.7}	0.837
16	159	{16.2}	176	{17.9}	1.09
18	201	{20.5}	222	{22.6}	1.38
20	248	{25.3}	274	{27.9}	1.71
22	300	{30.6}	332	{33.9}	2.07
24	357	{36.4}	395	{40.3}	2.46
26	419	{42.7}	464	{47.3}	2.89
28	486	{49.6}	538	{54.9}	3.35
30	558	{56.9}	617	{62.9}	3.84
32	634	{64.7}	702	{71.6}	4.37

# IWRC Wire Rope with Profile Wires

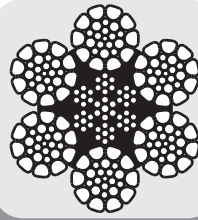
鋼纜心異型線鋼纜



WSH 6S19CI



WSH 6Fi25CI



WSH 6WS26CI

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	正常燃法						
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
10	72.0	{7.32}	84.0	{8.50}	89.0	{9.10}	0.467
12	103	{10.5}	117	{12.0}	125	{12.7}	0.673
14	141	{14.4}	160	{16.3}	170	{17.3}	0.916
16	184	{18.7}	208	{21.3}	222	{22.6}	1.19
18	232	{23.7}	264	{26.9}	281	{28.6}	1.51
20	287	{29.3}	326	{33.2}	346	{35.4}	1.87
22	347	{35.4}	394	{40.2}	419	{42.8}	2.26
22.4	360	{36.7}	409	{41.7}	435	{44.3}	2.35
25	448	{45.8}	510	{52.1}	543	{55.4}	2.92
28	562	{57.3}	640	{65.3}	681	{69.5}	3.67
30	645	{65.7}	735	{75.0}	782	{79.8}	4.21
31.5	712	{72.6}	810	{82.7}	862	{88.0}	4.64
33.5	805	{82.2}	917	{93.5}	975	{99.5}	5.25
35.5	904	{92.3}	1030	{105}	1100	{112}	5.89
37.5	1010	{103}	1150	{117}	1220	{125}	6.57
40	1150	{117}	1310	{133}	1390	{142}	7.48
42.5	1300	{132}	1470	{150}	1560	{160}	8.44
45	1450	{148}	1650	{168}	----	----	----
47.5	1620	{165}	1840	{187}	----	----	----
50	1790	{183}	2040	{208}	----	----	----
52	1940	{198}	----	----	----	----	----



鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	正常撚法						
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
10	72.0	{7.37}	84.0	{8.54}	89.0	{9.10}	0.470
14	142	{14.5}	163	{16.7}	174	{18.0}	0.921
16	185	{18.9}	212	{21.6}	226	{23.1}	1.20
18	234	{23.9}	268	{27.4}	286	{29.2}	1.52
20	289	{29.5}	331	{33.8}	353	{36.1}	1.88
22	350	{35.7}	401	{40.9}	428	{43.6}	2.27
22.4	363	{37.0}	416	{42.4}	443	{45.2}	2.36
25	452	{46.1}	518	{52.8}	552	{56.3}	2.94
28	566	{57.8}	650	{66.3}	687	{70.1}	3.68
30	650	{66.4}	742	{75.7}	791	{80.7}	4.23
31.5	717	{73.2}	830	{84.7}	885	{90.3}	4.66
33.5	811	{82.7}	925	{94.4}	986	{101}	5.27
35.5	911	{92.9}	1040	{106}	1110	{113}	5.92
36	936	{95.5}	1070	{109}	1140	{116}	6.09
38	1040	{106}	1190	{121}	1270	{130}	6.79
40	1160	{118}	1320	{135}	1410	{144}	7.52
42.5	1300	{133}	1480	{151}	1510	{161}	8.49
45	1460	{149}	1660	{170}	----	----	----
47.5	1630	{166}	1850	{189}	----	----	----
50	1810	{184}	----	----	----	----	----
52	1940	{198}	----	----	----	----	----

# Special Profile Independent Wire Rope Core and Rope

特殊異型線鋼心異型線鋼纜



WSH 826SC

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
6	30.6	{3.1}	33.8	{3.5}	37	{3.8}	0.184
6.4	34.8	{3.5}	38.5	{3.9}	42	{4.3}	0.209
7	41.6	{4.2}	46.1	{4.7}	50	{5.1}	0.250
8	54.3	{5.5}	60.2	{6.1}	68	{6.9}	0.326
9	68.8	{7.0}	76.1	{7.8}	87	{8.9}	0.413
10	84.9	{8.7}	94.0	{9.6}	103	{10.5}	0.510
11	103	{10.5}	114	{11.6}	128	{12.7}	0.617
12	122	{12.5}	135	{13.8}	149	{15.2}	0.734
13	143	{14.6}	159	{16.2}	175	{17.8}	0.862
14	166	{17.0}	184	{18.8}	203	{20.7}	1.00
15	191	{19.5}	212	{21.6}	234	{23.9}	1.15
16	217	{22.2}	241	{24.5}	267	{27.2}	1.31
18	275	{28.0}	305	{31.1}	340	{34.7}	1.65
20	340	{34.6}	376	{38.3}	418	{42.6}	2.04
22	411	{41.9}	455	{46.4}	505	{51.5}	2.47
24	489	{49.9}	541	{55.2}	601	{61.3}	2.94
26	574	{58.5}	635	{64.8}	705	{71.9}	3.45
28	666	{22.3}	737	{75.1}	818	{83.4}	4.00
30	764	{28.4}	846	{86.3}	939	{95.7}	4.59
32	869	{34.9}	963	{98.2}	1060	{108}	5.22



WSH 826S

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	正常撚法						
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{tf}	kN	{tf}	kN	{tf}	
10	78.4	{8.9}	86.8	{8.9}	93.7	{9.6}	0.453
11	94.8	{10.7}	105	{10.7}	113	{11.5}	0.548
12	113	{12.8}	125	{12.8}	135	{13.8}	0.653
13	134	{15.1}	148	{15.1}	158	{16.1}	0.766
14	154	{17.4}	171	{17.4}	184	{18.7}	0.888
15	177	{20.0}	196	{20.0}	211	{21.5}	1.02
16	202	{22.9}	224	{22.9}	240	{24.5}	1.16
17	226	{25.5}	250	{25.5}	271	{27.6}	1.31
18	255	{28.8}	282	{28.8}	304	{31.0}	1.47
19	284	{32.0}	314	{32.0}	338	{34.5}	1.64
20	314	{35.5}	348	{35.5}	375	{38.2}	1.81
22	383	{43.3}	424	{43.3}	454	{46.3}	2.19
24	455	{51.4}	504	{51.4}	540	{55.1}	2.61
25	494	{55.8}	547	{55.8}	586	{59.1}	2.83
26	537	{60.7}	595	{60.7}	634	{64.6}	3.06
28	617	{69.7}	683	{69.7}	735	{74.9}	3.55
30	709	{80.1}	785	{80.1}	844	{86.0}	4.07
32	813	{91.8}	900	{91.8}	----	----	4.63
34	921	{104}	1020	{104}	----	----	5.24
36	1020	{115}	1130	{115}	----	----	5.87
38	1130	{129}	----	----	----	----	6.54
40	1260	{142}	----	----	----	----	7.25
42	1390	{157}	----	----	----	----	7.99
44	1530	{173}	----	----	----	----	8.77
46	1660	{188}	----	----	----	----	9.59
48	1810	{205}	----	----	----	----	10.4

# 4 Strands Impacted Wire Rope

扇型鋼纜



WSH 4

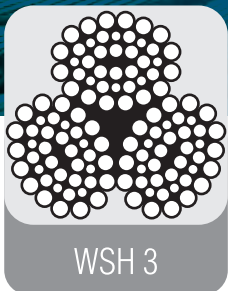


鋼纜直徑 (mm)	上層素 線徑 (mm)	斷面積 (mm <sup>2</sup> )	拉斷負荷						(參考) 概算 單位質量 kg/m
			正常撚法						
			無鍍鋅 · 鍍鋅						
			1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
			kN	{ tf }	kN	{ tf }	kN	{ tf }	
8	0.58	30.4	40.4	{4.12}	46.9	{4.78}	50.2	{5.12}	0.264
9	0.65	38.4	51.1	{5.21}	59.4	{6.05}	63.5	{6.48}	0.334
10	0.73	47.5	63.1	{6.43}	73.3	{7.47}	78.4	{8.00}	0.412
11.2	0.81	59.5	79.2	{8.07}	91.9	{9.37}	98.3	{10.0}	0.517
12	0.87	68.4	90.9	{9.27}	106	{10.8}	113	{11.5}	0.594
12.5	0.91	74.2	98.6	{10.1}	115	{11.7}	120	{12.3}	0.644
14	1.02	93.0	123	{12.6}	144	{14.7}	151	{15.4}	0.809
16	1.16	121	161	{16.5}	188	{19.1}	197	{20.1}	1.05
18	1.31	154	204	{20.8}	237	{24.2}	249	{25.4}	1.33
20	1.45	190	252	{25.7}	293	{29.9}	308	{31.4}	1.65
22	1.6	230	305	{31.1}	355	{36.2}	373	{38.0}	1.99
24	1.75	274	363	{37.1}	422	{43.1}	443	{45.2}	2.37
25	1.82	297	394	{40.2}	458	{46.7}	481	{49.1}	2.58
26	1.89	321	427	{43.5}	496	{50.5}	520	{53.1}	2.79
28	2.04	372	495	{50.4}	575	{58.6}	603	{61.5}	3.23
30	2.18	428	568	{57.9}	660	{67.3}	693	{70.6}	3.71
31.5	2.29	471	626	{63.8}	727	{74.2}	764	{77.9}	4.09
32	2.33	486	646	{65.9}	751	{76.5}	788	{80.4}	4.22
33.5	2.44	533	708	{72.3}	823	{83.9}	864	{88.2}	4.62
34	2.48	549	729	{74.3}	847	{86.4}	906	{92.4}	4.76
35.5	2.58	599	795	{81.1}	924	{94.3}	970	{99.0}	5.19
36	2.62	615	817	{83.3}	949	{96.7}	----	----	5.33
37.5	2.73	668	887	{90.5}	1031	{105}	----	----	5.79
38	2.77	686	911	{92.8}	1050	{107}	----	----	5.94
40	2.92	760	1010	{103}	1170	{119}	----	----	6.59



# 3 Strands Impacted Wire Rope

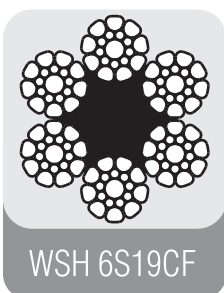
扇型鋼纜



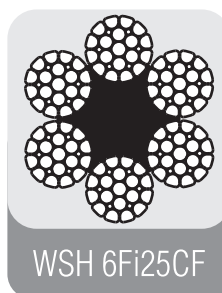
鋼纜直徑 (mm)	上層素 線徑 (mm)	斷面積 (mm <sup>2</sup> )	拉斷負荷						(參考) 概算 單位質量 kg/m
			正常燃法						
			無鍍鋅 · 鍍鋅						
			1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
			kN	{ tf }	kN	{ tf }	kN	{ tf }	
8	0.64	30.1	49.1	{5.01}	52.1	{5.31}	55.2	{5.63}	0.279
9	0.72	38.1	62.2	{6.34}	65.9	{6.72}	69.9	{7.12}	0.353
10	0.8	47	76.8	{7.83}	81.4	{8.30}	86.3	{8.80}	0.436
11.2	0.89	59.0	96.3	{9.82}	102	{10.4}	108	{11.0}	0.547
12	0.95	67.7	111	{11.27}	117	{11.9}	124	{12.7}	0.628
12.5	0.99	73.4	120	{12.2}	127	{13.0}	135	{13.7}	0.681
14	1.11	92.1	150	{15.3}	159	{16.3}	169	{17.2}	0.855
16	1.27	120	197	{20.0}	208	{21.2}	221	{22.5}	1.12
18	1.43	152	249	{25.4}	264	{26.9}	279	{28.5}	1.41
20	1.59	188	307	{31.3}	325	{33.2}	345	{35.2}	1.74
22	1.75	227	372	{37.9}	394	{40.2}	417	{42.6}	2.11
24	1.91	271	442	{45.1}	469	{47.8}	497	{50.7}	2.51
25	1.99	294	480	{48.9}	509	{51.9}	539	{55.0}	2.73
26	2.07	318	519	{52.9}	550	{56.1}	583	{59.5}	2.95
28	2.23	368	602	{61.4}	638	{65.1}	676	{69.0}	3.42
30	2.39	423	691	{70.5}	732	{74.7}	776	{79.2}	3.92
31.5	2.50	466	762	{77.7}	807	{82.3}	856	{87.3}	4.33
32	2.54	481	786	{80.2}	833	{85.0}	883	{90.1}	4.46
34	2.72	543	887	{90.4}	940	{95.9}	----	----	5.04
36	2.88	609	995	{101}	1050	{107}	----	----	5.65
38	3.04	679	1100	{112}	----	----	----	----	6.29
40	3.20	752	1220	{124}	----	----	----	----	6.97

# Wire Rope with Profile Wires

## 異型線鋼纜



WSH 6S19CF



WSH 6Fi25CF



WSH 6WS26CF

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	正常撚法						
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
10	63.7	{6.5}	72.0	{7.3}	77.0	{7.8}	0.420
12	91.7	{9.4}	102	{10.4}	108	{11.0}	0.605
14	125	{12.7}	138	{14.1}	147	{15.0}	0.823
16	163	{16.7}	180	{18.4}	192	{19.6}	1.08
18	207	{21.1}	228	{23.3}	243	{24.8}	1.36
20	255	{26.0}	282	{28.8}	300	{30.7}	1.68
22	308	{31.4}	341	{34.8}	363	{37.0}	2.03
22.4	320	{32.6}	354	{36.1}	376	{38.4}	2.11
25	399	{40.6}	441	{45.0}	469	{47.8}	2.63
28	501	{51.0}	553	{56.4}	588	{60.0}	3.29
30	575	{58.6}	635	{64.8}	675	{68.9}	3.78
31.5	632	{64.5}	700	{71.4}	744	{75.9}	4.17
33.5	715	{72.9}	791	{80.7}	842	{85.9}	4.71
35.5	802	{81.9}	889	{90.7}	945	{96.5}	5.29
37.5	895	{91.4}	992	{101}	----	----	5.91
40	1020	{104}	1130	{115}	----	----	6.72
42.5	1150	{117}	----	----	----	----	7.59

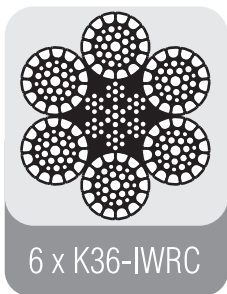


6 x K36-FC

鋼纜直徑 (mm)	拉斷負荷				(參考) 概算 單位質量 kg/m
	無鍍鋅 · 鍍鋅				
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	
12	95.1	{9.70}	104	{10.57}	0.612
14	129	{13.19}	141	{14.38}	0.833
16	169	{17.23}	184	{18.79}	1.09
18	214	{21.81}	233	{23.78}	1.38
20	264	{26.92}	288	{29.35}	1.70
22	320	{32.6}	349	{35.6}	2.06
24	380	{38.8}	415	{42.3}	2.45
26	446	{45.5}	486	{49.6}	2.87
28	518	{52.8}	565	{57.6}	3.33
30	594	{22.3}	648	{66.0}	3.82
32	676	{28.4}	737	{75.1}	4.35
34	763	{77.8}	832	{84.8}	4.91
36	856	{87.3}	933	{95.2}	5.51
38	953	{97.2}	1040	{106}	6.14
40	1060	{108}	1150	{117}	6.80
42	1160	{118}	1260	{128}	7.50
44	1280	{131}	1400	{143}	8.23
46	1400	{143}	---	---	8.99
48	1520	{155}	---	---	9.79
50	1650	{168}	---	---	10.6
52	1790	{183}	---	---	11.5
54	1930	{197}	---	---	12.4

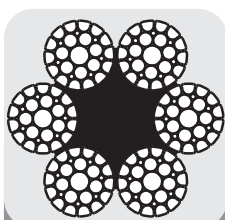
# Wire Rope with Profile Wires

異型線鋼纜

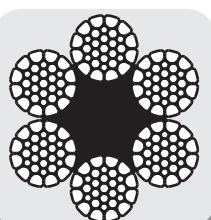


6 x K36-IWRC

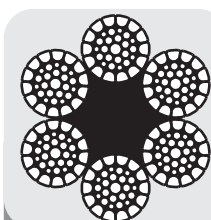
鋼纜直徑 (mm)	拉斷負荷				(參考) 概算 單位質量 kg/m
	無鍍鋅 · 鍍鋅				
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	
12	105	{10.7}	114	{11.67}	0.687
14	142	{14.5}	155	{15.80}	0.935
16	186	{18.9}	202	{20.64}	1.22
18	235	{24.0}	256	{26.12}	1.55
20	290	{29.6}	316	{32.24}	1.91
22	351	{35.8}	383	{39.0}	2.31
24	418	{42.6}	455	{46.4}	2.75
26	491	{50.1}	535	{54.6}	3.22
28	569	{58.0}	620	{63.3}	3.74
30	653	{66.6}	712	{72.6}	4.29
32	743	{75.8}	810	{82.6}	4.88
34	839	{85.6}	915	{93.3}	5.51
36	941	{96.0}	1020	{104}	6.18
38	1050	{107}	1140	{116}	6.89
40	1160	{118}	1260	{128}	7.63
42	1280	{131}	1400	{143}	8.41
44	1400	{143}	1520	{155}	9.23
46	1540	{157}	---	---	10.1
48	1670	{170}	---	---	11.0
50	1810	{185}	---	---	11.9
52	1960	{200}	---	---	12.9
54	2120	{216}	---	---	13.9



WSH 6Fi29CF



WSH 6WS31CF

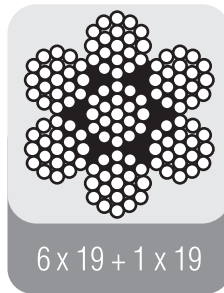
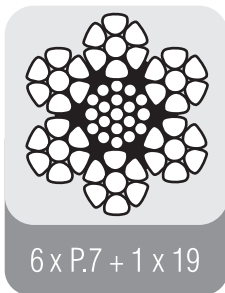
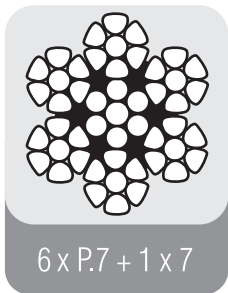


WSH 6WS36CF

鋼纜直徑 (mm)	拉斷負荷						(參考) 概算 單位質量 kg/m
	正常撚法						
	無鍍鋅 · 鍍鋅						
	1770 N/mm <sup>2</sup> (180 kgf/mm <sup>2</sup> )		1960 N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		
	kN	{ tf }	kN	{ tf }	kN	{ tf }	
10	64.0	{6.53}	72.0	{7.35}	77.0	{7.83}	0.425
14	125	{12.8}	139	{14.2}	148	{15.0}	0.833
16	164	{16.7}	181	{18.5}	193	{19.7}	1.08
18	207	{21.2}	230	{23.4}	245	{25.0}	1.37
20	256	{26.1}	283	{28.9}	302	{30.8}	1.70
22	310	{31.6}	343	{35.0}	366	{37.3}	2.05
22.4	321	{32.8}	356	{36.3}	379	{38.7}	2.14
25	400	{40.8}	443	{45.2}	472	{48.2}	2.66
28	501	{51.1}	555	{56.6}	591	{60.3}	3.34
30	575	{58.7}	637	{65.0}	679	{69.3}	3.83
31.5	634	{64.7}	702	{71.6}	748	{76.4}	4.23
33.5	717	{73.2}	794	{81.0}	846	{86.4}	4.78
35.5	806	{82.2}	893	{91}	951	{97.0}	5.37
36	829	{84.6}	918	{94}	979	{100}	5.50
37.5	899	{92}	996	{102}	1060	{108}	5.99
38	924	{94}	1020	{104}	1090	{111}	6.13
40	1020	{104}	1130	{115}	1200	{123}	6.81
42.5	1150	{117}	1270	{130}	1360	{139}	7.67
45	1290	{132}	1430	{146}	----	----	8.61
47.5	1440	{147}	1600	{163}	----	----	9.58
50	1600	{163}	----	----	----	----	10.6
52	1730	{177}	----	----	----	----	11.5

# Steel Wire Rope for Diamond Wire Saw

繩鋸（大理石切割索）



構造符號	鋼纜直徑 (mm)	索徑公差 (mm)	拉斷負荷						主要鋼線線徑 (mm)	鋼線扭轉值(圈) (參照EN10264-2)			(參考) 概算單位質量 kg/m
			1960N/mm <sup>2</sup> (200 kgf/mm <sup>2</sup> )		2160 N/mm <sup>2</sup> (220 kgf/mm <sup>2</sup> )		2260 N/mm <sup>2</sup> (230 kgf/mm <sup>2</sup> )			1960 N/mm <sup>2</sup>	2160 N/mm <sup>2</sup>	2260 N/mm <sup>2</sup>	
			kN	{tf}	kN	{tf}	kN	{tf}					
6 x P.7 + 1 x 7 (鍍鋅鋼絲繩)	2.5	2.4-2.5	4.59	{0.47}	5.05	{0.51}	----	----	0.28	25以上	23以上	----	0.026
	3	2.9-3.0	6.62	{0.68}	7.29	{0.74}	----	----	0.34	25以上	23以上	----	0.037
	3.5	3.4-3.5	9.01	{0.92}	9.92	{1.01}	----	----	0.4	25以上	23以上	----	0.051
	4.6	4.5-4.6	15.55	{1.59}	17.14	{1.75}	----	----	0.52	25以上	23以上	----	0.088
	4.9	4.8-4.9	17.65	{1.80}	19.45	{1.98}	----	----	0.56	25以上	23以上	----	0.100
6 x P.7 + 1 x 19 (鍍鋅鋼絲繩)	3	2.9-3.0	6.62	{0.68}	7.29	{0.74}	----	----	0.34	25以上	23以上	----	0.038
	3.5	3.4-3.5	9.01	{0.92}	9.92	{1.01}	----	----	0.4	25以上	23以上	----	0.052
	4.6	4.5-4.6	15.55	{1.59}	17.14	{1.75}	----	----	0.52	25以上	23以上	----	0.090
	4.9	4.8-4.9	17.65	{1.80}	19.45	{1.98}	----	----	0.56	25以上	23以上	----	0.102
6 x 19 + 1 x 19 (鍍銅鋼絲繩)	4.9	4.9-4.95	----	----	----	----	19.45	{1.98}	0.32	----	----	22以上	0.094

· 心股可依客戶需求，加注塑膠。





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