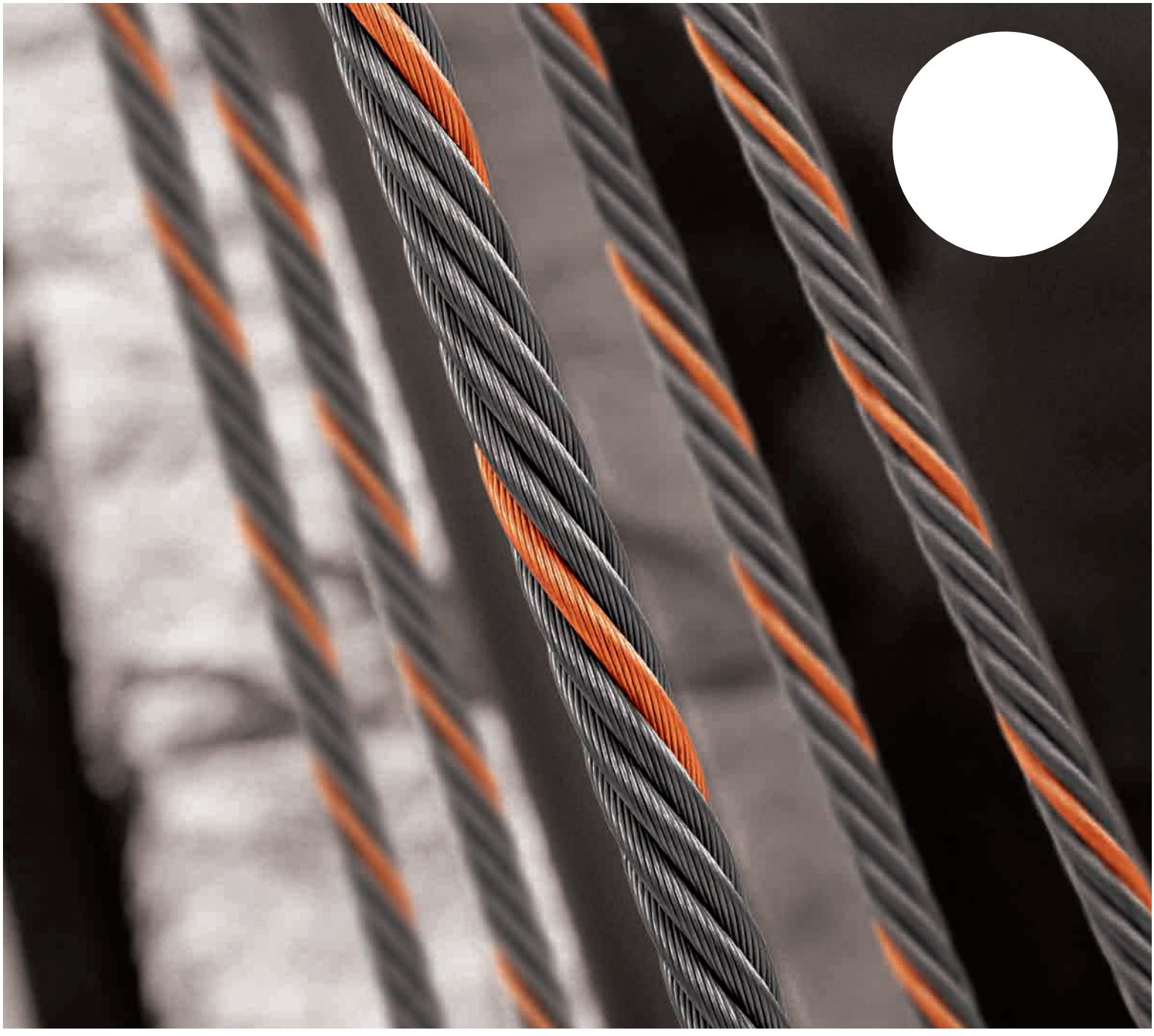
CABLES DEACERO



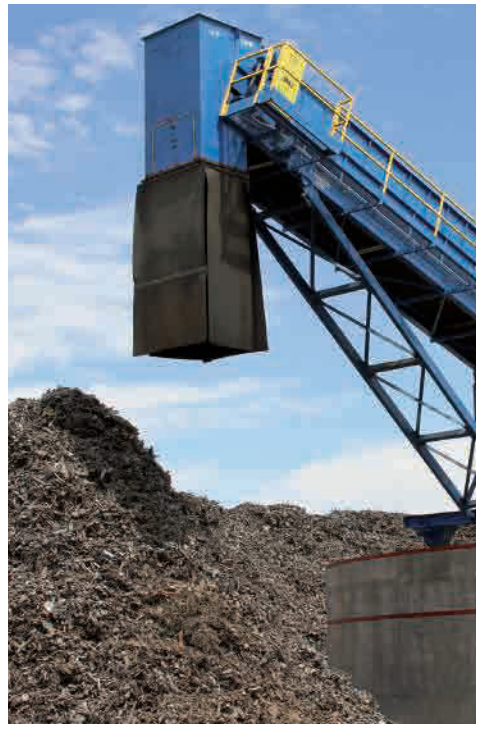
DEACERO®

Acerca de **Deacero**

Deacero es uno de los fabricantes más grandes de acero en América con más de 60 años de experiencia en la industria.

Es un fabricante verticalmente integrado con su propia infraestructura para la recolección y procesamiento de chatarra, que comprende acerías, plantas fabricantes de productos terminados, centros de distribución y un centro de desarrollo de tecnología.

La empresa tiene un firme compromiso con un crecimiento sustentable, que beneficie a la empresa, su medio ambiente, sus empleados y las comunidades donde está presente.



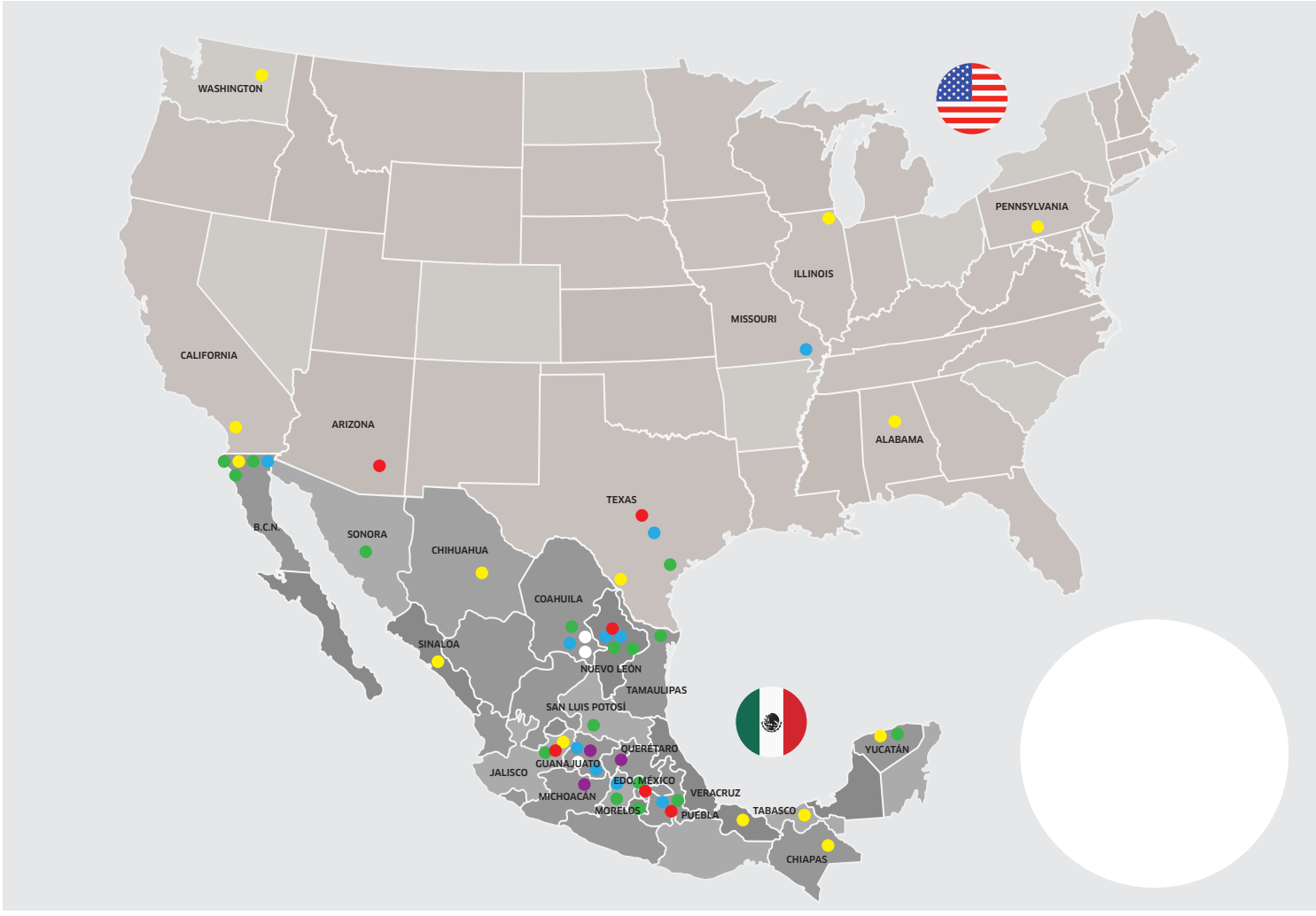
Este catálogo presenta la gran variedad de cables que Deacero fabrica en sus plantas de Querétaro y Houston para industrias tales como:

- Eléctrica y comunicaciones
- Elevadores y grúas
- Minería
- Pesquera
- Petrolera

Deacero valora y tiene el firme compromiso de atender a su cliente como él espera.

- Tecnología de punta y cumplimiento de normas de calidad
- Asistencia altamente profesional
- Entrega eficiente

Ubicación **de instalaciones**



PLANTAS DE ALAMBRES
- . Mexicali, BCN
- . Saltillo, COAH
- . Monterrey, NL
- . Guadalupe, NL
- . León, GTO
- . Celaya, GTO
- . Tlalnepantla, EDO MÉX
- . Puebla, PUE

EUA
- . Houston, TX
- . Poplar Bluff, MO

ACERÍAS
- . Ramos Arizpe, COAH
- . Saltillo, COAH
- . Celaya, GTO

PLANTAS ALAMBRES INDUSTRIALES
- . Morelia, MICH
- . Celaya, GTO
- . Querétaro, QRO

CENTROS DE DISTRIBUCIÓN
- . Tijuana, BCN
- . Chihuahua, CHIH
- . Culiacán, SIN
- . Guadalajara, JAL
- . Veracruz, VER
- . Villahermosa, TAB
- . La Chontalpa, TAB
- . Tapachula, CHIS
- . Mérida, YUC

EUA
- . Laredo, TX
- . Chicago, IL
- . Spokane, WA
- . Fontana, CA
- . Birmingham, AL
- . Chambersburg, PA

CENTROS DE RECICLAJE
- . Ensenada, BCN
- . Mexicali, BCN
- . Tijuana, BCN
- . Mérida, YUC
- . Guadalajara, JAL
- . Hermosillo, SON
- . Puebla, PUE
- . Cuernavaca, MOR
- . Tlalnepantla, EDO MÉX
- . Tepeyac, EDO MÉX
- . Tultitlán, EDO MÉX
- . Saltillo, COAH
- . Matamoros, TAMPS
- . San Luis P, SLP
- . San Nicolás, NL
- . Guadalupe, NL

EUA
- . Corpus Christi, TX (H&H)

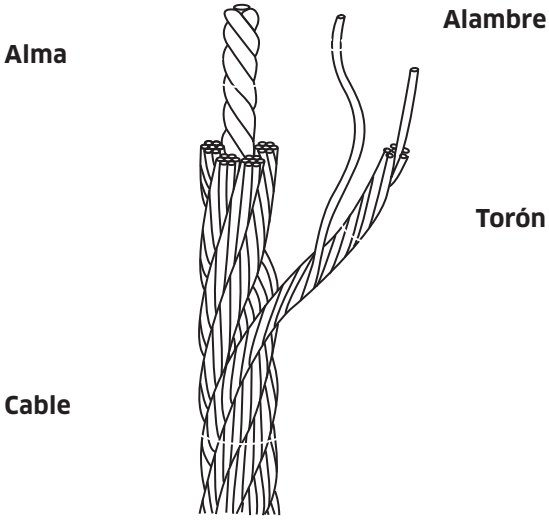
OFICINAS DE VENTA
- . Monterrey, NL
- . Guadalajara, JAL
- . Tlalnepantla, EDO MÉX
- . Puebla, PUE

EUA
- . New Braunfels, TX
- . Phoenix, AZ

Estructura **del cable**

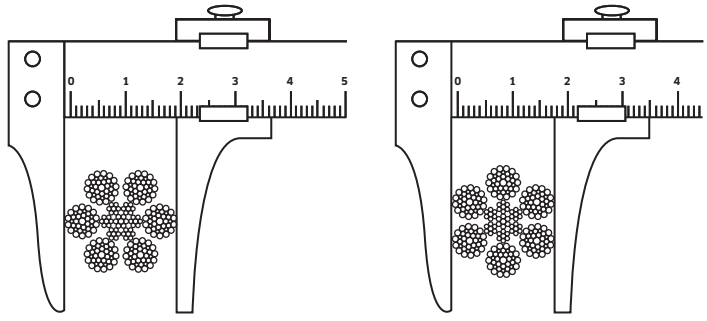
ESTRUCTURA DEL CABLE DEACERO

El cable Deacero está formado por un conjunto de alambres de acero que están enrollados de forma helicoidal alrededor de un alambre central, formando los torones. Estos torones, a su vez, están enrollados helicoidalmente alrededor del alma del cable.



CÓMO MEDIR EL CABLE DEACERO

Las normas internacionales indican la manera correcta de medir el diámetro de un cable, también nos indican la tolerancia que se debe aplicar en cada caso.



RELACIÓN DIÁMETRO POLEA/DIÁMETRO CABLE

Construcción del cable	Relación sugerida	Relación mínima
6x7	72	42
19x7	51	34
18x7	51	34
6x19 S	51	34
6x21 F	45	30
6x26 WS	45	30
6x25 F	39	26
6x31 WS	39	26
6x36 ws	35	23
6x43 FS	35	23
6x41 WS	32	21
6x41 SF	32	21
6x49 SWS	28	19
6x46 SF	28	18
6x46 WS	28	18
8x19 S	41	27
8x25 F	32	21

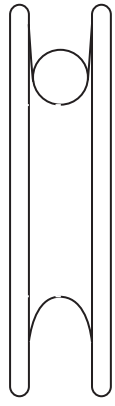
Para encontrar cualquier diámetro de tambor o polea en esta tabla, se requiere conocer el diámetro y construcción del cable usado, y definir la relación a utilizar mínima o sugerida.

Por ejemplo:
Diámetro mínimo de polea para cable de 1/2" en construcción 6x21 F

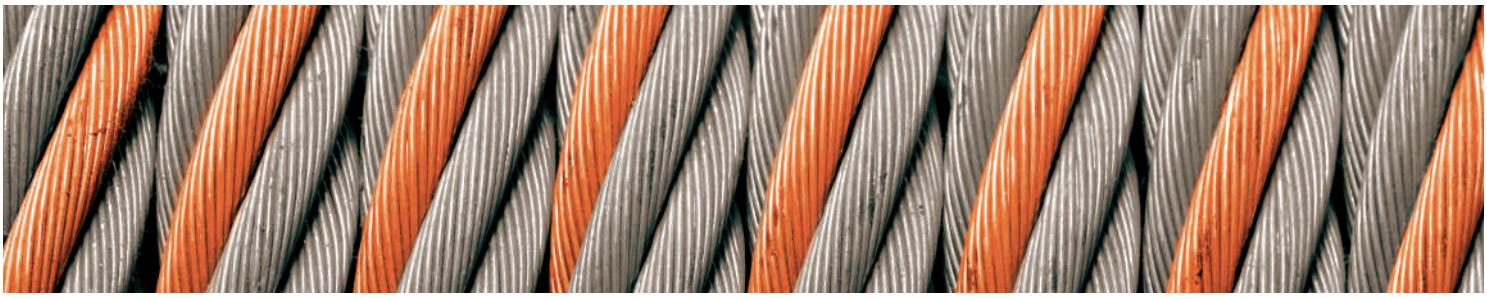
D = d x relación mínima
D = 1/2" (diámetro nominal) x 30 (relación mínima)
D = 15"

S. Seale
F. Filler
WS. Warrington Seale
FS. Filler Seale
SF. Seale Filler
SWS. Seale Warrington Seale

D. Diámetro de polea
d. Diámetro nominal del cable
D. d x relación



Cómo pedir
un cable Deacero



DESCRIPCIÓN DEL CABLE
Los cables Deacero deben describirse considerando las siguientes características: Nombre y tipo, construcción, diámetro, grado, alma, preformado, torcido, lubricante y longitud.

CABLE NEGRO CÓNDOR 6X26 1/2” AM AA P TRD LUB C 2000M

A B C D E F G H

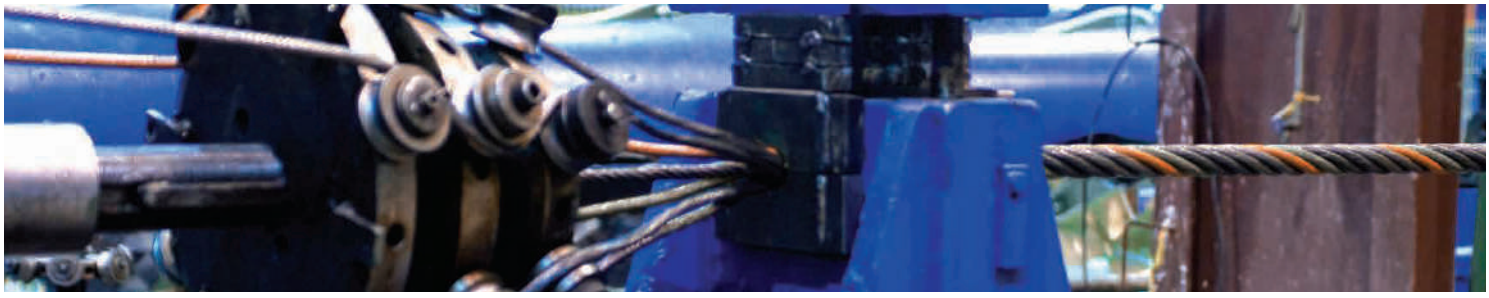
A NOMBRE Y TIPO

OPCIONES TÍPICAS DE CABLES Y CONSTRUCCIONES

Cóndor. Cable negro clase 6x19 alma acero, construcciones: 6x19, 6x21, 6x25, 6x26
Delfín. Cable galvanizado clase 6x19 alma acero, construcciones: 6x19, 6x21, 6x25, 6x26
Halcón. Cable negro clase 6x19 alma fibra, construcciones: 6x19, 6x21, 6x25,6x26
Atún. Cable galvanizado clase 6x19 alma fibra polipropileno, construcciones: 6x19, 6x21, 6x25, 6x26
Águila. Cable negro clase 6x36 alma acero, construcciones: 6x31, 6x36, 6x41, 6x43
Ánchoveta. Cable galvanizado clase 6x36 alma acero, construcciones: 6x31, 6x36, 6x41, 6x43
Superflexible. Cable negro clase 6x36 alma fibra, construcciones: 6x31, 6x36, 6x41, 6x43
Barrilete. Cable galvanizado clase 6x36 alma fibra polipropileno, construcciones: 6x31, 6x36, 6x41, 6x43
No rotatorio alma de fibra. Construcciones: 18x7, 34x7
No rotatorio alma de acero. Construcciones: 19x7, 35x7
Antigiratorio. Cable negro alma de acero, clases 8x19, 8x37, construcciones: 8x19, 8x25,8x26,8x31,8x36,8x41
Elevador de tracción portátil. Cable negro alma de acero, construcciones: 6x19 (sin grasa)
Percusión. Cable negro alma de fibra, construcciones: 6x21 (no preformado)
Ascensor. Cable negro alma de fibra, construcciones; 8x19, 8x25
Sondeo. Cable negro alma de fibra, construcciones: 6x7
Camarón. Cable galvanizado alma de fibra polipropileno, construcciones: 6x7
Camarón plus. Cable galvanizado alma de fibra polipropileno, construcciones: 6x19
Sardina. Cable galvanizado alma de fibra polipropileno, construcciones: 6x24

*En caso de requerir alguna especificación de cable distinta a lo indicado en este documento favor de solicitarla al área comercial Deacero.

Cómo pedir
un cable Deacero



Desde 1/8” hasta 3 1/8”.

A.M. Arado mejorado
A.M.G.I. Arado mejorado galvanizado intermedio
A.M.E.G. Arado mejorado extra galvanizado
A.E.M. Arado extra mejorado
A.E.M.G.I. Arado extra mejorado galvanizado intermedio

Tracción. Alambre para cable tipo ascensor
A. Arado

A.S. Arado suave
A.S.G.I. Arado suave galvanizado intermedio
A.G.I. Arado galvanizado intermedio
A.G.F. Arado galvanizado final
A.M.G.F. Arado mejorado galvanizado final
A.E.M.G.F. Arado extra mejorado galvanizado final
A.E.E.M.G.F. Arado extra extra mejorado galvanizado final
A.E.E.M. Arado extra extra mejorado
A.E.E.M.G.I. Arado extra extra mejorado galvanizado intermedio

AF. Alma de fibra (henequén)
AP. Alma de polipropileno
AA. Alma de acero
AT. Alma de torón

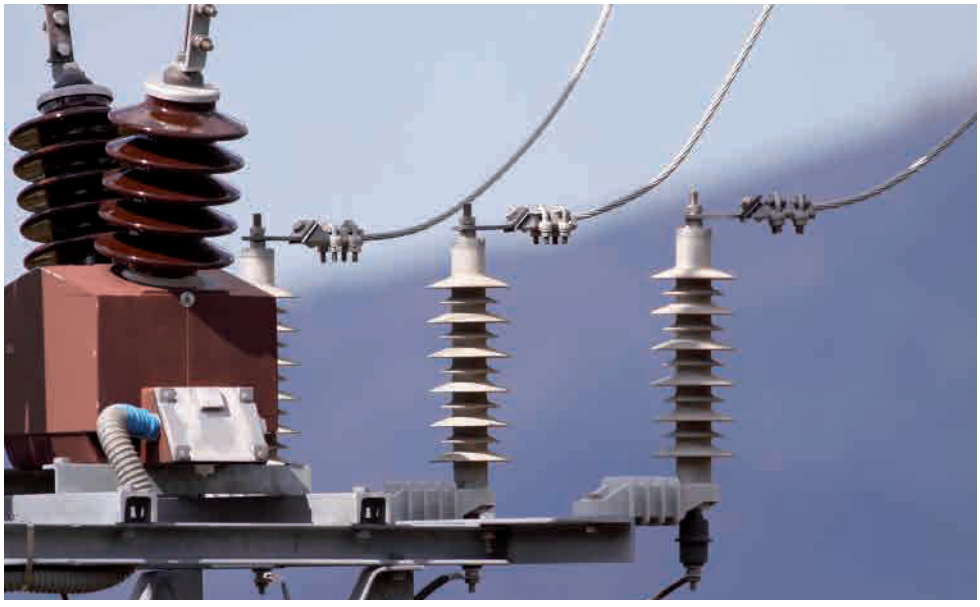
P. Preformado
NP. No Preformado

TRD. Torcido regular derecho
TRI. Torcido regular izquierdo
TLD. Torcido lang derecho
TLI. Torcido lang izquierdo
TAD. Torcido alternado derecho
TAI. Torcido alternado izquierdo

SIN LUB. Sin lubricación
LUB. A. Grasa microcristalina solo en torcido
LUB. B. Grasa microcristalina en torcido y cerrado
LUB. C. Grasa asfáltica solo en torcido
LUB. D. Grasa asfáltica en torcido y cerrado

500m
1000m
1500m
2000m
2500m
3000m

Eléctrica y **comunicaciones**



SIEMENS MARTIN **1 x 7**

Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
3.18	1/8	0.047	0.413
4.76	3/16	0.108	0.862
6.35	1/4	0.181	1.429
7.94	5/16	0.305	2.43
9.53	3/8	0.407	3.15
12.70	1/2	0.770	5.50

Construcción:
- 1x7 (6/1)

ALTA RESISTENCIA **1 x 7**

Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
3.18	1/8	0.047	0.603
4.76	3/16	0.108	1.293
6.35	1/4	0.181	2.16
7.94	5/16	0.305	3.63
9.53	3/8	0.407	4.90
12.70	1/2	0.770	8.53

Construcción:
- 1x7 (6/1)

EXTRA ALTA RESISTENCIA **1 x 7**

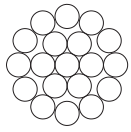
Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
3.18	1/8	0.047	0.83
4.76	3/16	0.108	1.81
6.35	1/4	0.181	3.10
7.94	5/16	0.305	5.10
9.53	3/8	0.407	7.00
12.70	1/2	0.770	12.20

Construcción:
- 1x7 (6/1)

Eléctrica y **comunicaciones**

Tensor de postes Cable de retenida Cable de guarda Cable mensajero Alma para conductores de aluminio (ACSR)
Cable tirante Torre de radio

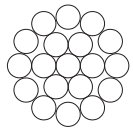
SIEMENS MARTIN **1 x 19**



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
12.70	1/2	0.751	5.760
14.29	9/16	0.949	7.302
15.88	5/8	1.186	8.210
19.05	3/4	1.721	11.883
22.23	7/8	2.356	16.283
25.40	1	3.089	21.317

Construcción:
• 1x19 (12/6/1) 2 Operaciones

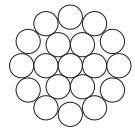
ALTA RESISTENCIA **1 x 19**



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
12.70	1/2	0.751	8.663
14.29	9/16	0.949	10.931
15.88	5/8	1.186	12.745
19.05	3/4	1.721	18.505
22.23	7/8	2.356	25.309
25.40	1	3.089	33.200

Construcción:
• 1x19 (12/6/1) 2 Operaciones

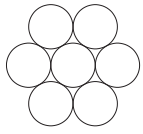
EXTRA ALTA RESISTENCIA **1 x 19**



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
12.70	1/2	0.751	12.110
14.29	9/16	0.949	15.285
15.88	5/8	1.186	18.233
19.05	3/4	1.721	26.443
22.23	7/8	2.356	36.149
25.40	1	3.089	47.397

Construcción:
• 1x19 (12/6/1) 2 Operaciones

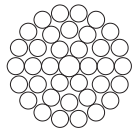
ALMA PARA CONDUCTOR DE ALUMINIO (ACSR) **1 x 7**



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
6.00	0.2364	0.1740	3.12
6.74	0.2655	0.2185	3.94
7.16	0.282	0.2467	4.34
8.02	0.3156	0.3087	5.43
8.77	0.3453	0.3622	6.50
9.27	0.3648	0.4128	7.26
10.36	0.408	0.5159	9.08

Construcción:
• 1x7 (6/1)

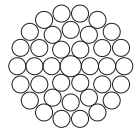
ALTA RESISTENCIA **1 x 37**



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
25.40	1	3.060	32.62
28.58	1 1/8	4.010	41.55
31.75	1 1/4	4.840	51.53

Construcción:
• 1x37 (18/12/6/1) 3 Operaciones

EXTRA ALTA RESISTENCIA **1 x 37**



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
25.40	1	3.060	46.59
28.58	1 1/8	4.010	59.34
31.75	1 1/4	4.840	73.58

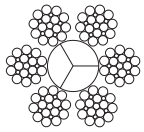
Construcción:
• 1x37 (18/12/6/1) 3 Operaciones

Elevadores y **grúas**

Las actividades de levantamiento, arrastre y transportación aérea de carga son comunes para todo tipo de industria, es por eso que este segmento es uno de los más importantes en el mercado de cables.

PERCUSIÓN **CLASE 6 x 19**

Alma de Fibra (AF)

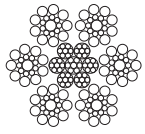


Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
mm	plg	kg/m	A.M.
12.70	1/2	0.630	9.710
14.29	9/16	0.790	12.200
15.88	5/8	0.980	15.100
19.05	3/4	1.410	21.600
22.23	7/8	1.920	29.200
25.40	1	2.500	37.900

Construcción:
- 6x21 (10/5/5/1) Filler

Elevador de tracción portátil **CLASE 6 x 19**

Alma de Acero (AA)

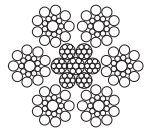


Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
mm	plg	kg/m	A.M.
7.94	5/16	0.261	4.16
9.53	3/8	0.377	5.95
11.11	7/16	0.502	8.07
12.70	1/2	0.656	10.40
15.88	5/8	1.033	15.20

Construcciones:
- 6x19 (9/9/1) Seale
- 6x26 /10/5+5/5/1) Warrington Seale

CÓNDOR **CLASE 6 x 19**

Alma de Acero (AA)

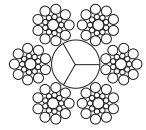


Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
mm	plg	kg/m	A.M.	A.E.M.
3.18	1/8	0.041	0.69	0.79
4.76	3/16	0.109	1.43	1.64
6.35	1/4	0.170	2.67	3.08
7.94	5/16	0.270	4.16	4.78
9.53	3/8	0.390	5.95	6.85
11.11	7/16	0.520	8.07	9.25
12.70	1/2	0.680	10.40	12.10
14.29	9/16	0.880	13.20	15.20
15.88	5/8	1.070	16.20	18.70
19.05	3/4	1.550	23.20	26.70
22.23	7/8	2.110	31.40	36.10
25.40	1	2.750	40.70	46.90
28.58	1 1/8	3.480	51.30	59.00
31.75	1 1/4	4.300	63.00	72.50
34.93	1 3/8	5.210	75.70	87.10
38.10	1 1/2	6.190	89.70	103.00
41.27	1 5/8	7.260	104.00	120.00
44.45	1 3/4	8.440	121.00	139.00
47.62	1 7/8	9.670	138.00	158.00
50.80	2	11.000	156.00	180.00
53.98	2 1/8	12.400	174.00	200.00
57.15	2 1/4	13.900	195.00	224.00
60.33	2 3/8	15.500	217.00	249.00
63.50	2 1/2	17.300	238.00	274.00

Construcciones:
- 6x19 (12/6/1) 2 Operaciones
- 6x19 (9/9/1) Seale
- 6x21 /10/5/5/1) Filler
- 6x25 (12/6/6/1) Filler
- 6x26 (10/5+5/5/1) Warrington Seale

HALCÓN **CLASE 6 x 19**

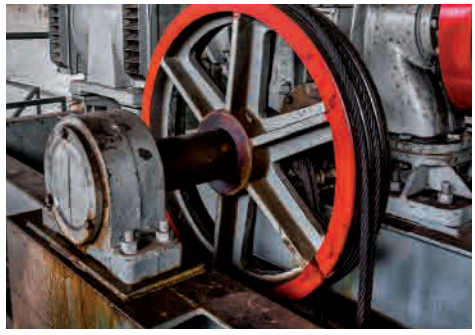
Alma de Fibra (AF)



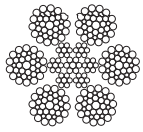
Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
mm	plg	kg/m	A.M.	A.E.M.
3.18	1/8	0.036	0.63	0.69
4.76	3/16	0.094	1.36	1.50
6.35	1/4	0.160	2.49	2.70
7.94	5/16	0.240	3.86	4.20
9.53	3/8	0.350	5.53	6.10
11.11	7/16	0.480	7.50	8.20
12.70	1/2	0.630	9.71	10.70
14.29	9/16	0.790	12.20	13.50
15.88	5/8	0.980	15.10	16.60
19.05	3/4	1.410	21.60	23.80
22.23	7/8	1.920	29.20	32.10
25.40	1	2.500	37.90	41.70
28.58	1 1/8	3.170	47.70	52.40
31.75	1 1/4	3.910	58.50	64.50
34.93	1 3/8	4.730	70.50	77.60
38.10	1 1/2	5.630	83.50	91.60
41.27	1 5/8	6.610	97.10	107.00
44.45	1 3/4	7.660	112.00	124.00
47.62	1 7/8	8.800	128.00	142.00
50.80	2	10.000	145.00	160.00
53.98	2 1/8	11.300	162.00	178.00
57.15	2 1/4	12.700	181.00	199.00
60.33	2 3/8	14.100	201.00	221.00
63.50	2 1/2	15.600	221.00	243.00

Construcciones:
- 6x19 (12/6/1) 2 Operaciones
- 6x19 (9/9/1) Seale
- 6x21 (10/5/5/1) Filler
- 6x25 (12/6/6/1) Filler
- 6x26 (10/5+5/5/1) Warrington Seale

Elevadores y **grúas**



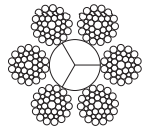
ÁGUILA
CLASE 6 x 36



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.170	2.76	3.08
7.94	5/16	0.270	4.16	4.78
9.54	3/8	0.390	5.95	6.85
11.11	7/16	0.520	8.07	9.25
12.70	1/2	0.680	10.40	12.10
14.29	9/16	0.880	13.20	15.20
15.88	5/8	1.070	16.20	18.70
19.05	3/4	1.550	23.20	26.70
22.23	7/8	2.110	31.40	36.10
25.40	1	2.750	40.70	46.90
28.58	1 1/8	3.480	51.30	59.00
31.75	1 1/4	4.300	63.00	72.50
34.93	1 3/8	5.210	75.70	87.10
38.10	1 1/2	6.190	89.70	103.00
41.27	1 5/8	7.260	104.00	120.00
44.45	1 3/4	8.440	121.00	139.00
47.62	1 7/8	9.670	138.00	158.00
50.80	2	11.000	156.00	180.00
53.98	2 1/8	12.400	174.00	200.00
57.15	2 1/4	13.900	195.00	224.00
60.33	2 3/8	15.500	217.00	249.00
63.50	2 1/2	17.300	238.00	274.00
66.67	2 5/8	19.000	261.00	299.00

Construcciones:
- 6x31 (12/6+6/6/1) Warrington Seale
- 6x36 (14/7+7/7/1) Warrington Seale
- 6x41 (16/8+8/8/1) Warrington Seale
- 6x43 (14/14/7/7/1) Filler Seale

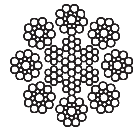
SUPERFLEXIBLE
CLASE 6 x 36



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.160	2.49	2.70
7.94	5/16	0.240	3.86	4.20
9.53	3/8	0.350	5.53	6.10
11.11	7/16	0.480	7.50	8.20
12.70	1/2	0.630	9.71	10.70
14.29	9/16	0.790	12.20	13.50
15.88	5/8	0.980	15.10	16.60
19.05	3/4	1.410	21.60	23.80
22.23	7/8	1.920	29.20	32.10
25.40	1	2.500	37.90	41.70
28.58	1 1/8	3.170	47.70	52.40
31.75	1 1/4	3.910	58.50	64.50
34.93	1 3/8	4.730	70.50	77.60
38.10	1 1/2	5.630	83.50	91.60
41.27	1 5/8	6.610	97.10	107.00
44.45	1 3/4	7.660	112.00	124.00
47.62	1 7/8	8.800	128.00	142.00
50.80	2	10.000	146.00	160.00
53.98	2 1/8	11.300	162.00	178.00
57.15	2 1/4	12.700	181.00	199.00
60.33	2 3/8	14.100	201.00	221.00
63.50	2 1/2	15.600	221.00	243.00
66.67	2 5/8	17.300	243.00	267.00

Construcciones:
- 6x31 (12/6+6/6/1) Warrington Seale
- 6x36 (14/7+7/7/1) Warrington Seale
- 6x41 (16/8+8/8/1) Warrington Seale
- 6x43 (14/14/7/7/1) Filler Seale

ANTIGIRATORIO
CLASE 8 x 19



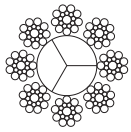
Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.179	2.67	3.08
7.94	5/16	0.283	4.15	4.78
9.53	3/8	0.402	5.95	6.85
11.11	7/16	0.551	8.07	9.25
12.70	1/2	0.714	10.40	12.03
14.29	9/16	0.908	13.15	15.19
15.88	5/8	1.131	16.01	18.66
19.05	3/4	1.622	23.25	26.72
22.23	7/8	2.202	31.41	36.10
25.40	1	2.872	40.69	46.91
28.58	1 1/8	3.646	51-29	58.94
31.75	1 1/4	4.494	62.91	72.50
34.93	1 3/8	5.446	75.76	87.08
38.10	1 1/2	6.473	89.73	102.99
41.27	1 5/8	7.604	104.01	119.30
44.45	1 3/4	8.854	120.32	138.68
47.62	1 7/8	10.119	137.66	158.05
50.80	2	11.503	156.01	179.46
53.98	2 1/8	12.991	174.37	200.88
57.15	2 1/4	14.568	194.76	224.33

Construcciones:
- 8x19 (9/9/1) Seale
- 8x25 (12/6/6/1) Filler
- 8x26 (10/5+5/5/1) Warrington Seale

Elevadores y **grúas**

Grúas radiales | Cable o tirante de pluma | Levante de blick | Elevadores de pasajeros | Elevadores de carga

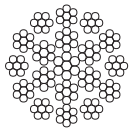
ASCENSOR **CLASE 8 x 19**



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
7.94	5/16	0.210	2.55	
9.53	3/8	0.300	3.75	
11.11	7/16	0.420	5.00	
12.70	1/2	0.540	6.60	
14.29	9/16	0.690	8.40	
15.88	5/8	0.850	10.50	
19.05	3/4	1.220	14.55	

Construcciones:
- 8x19 (9/9/1) Seale
- 8x25 (12/6/6/1) Filler

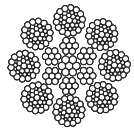
NO ROTATORIO **CLASE 19 x 7**



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
7.94	5/16	0.268	3.54	3.91
9.53	3/8	0.387	5.07	5.56
11.11	7/16	0.521	6.87	7.54
12.70	1/2	0.670	8.93	9.77
14.29	9/16	0.860	11.22	12.34
15.88	5/8	1.060	13.87	15.19
19.05	3/4	1.520	19.78	21.82
22.23	7/8	2.070	26.72	29.47
25.40	1	2.710	34.77	38.24
28.58	1 1/8	3.420	43.74	48.13
31.75	1 1/4	4.230	53.74	59.04
34.93	1 3/8	5.100	64.65	71.07
38.10	1 1/2	6.070	76.58	84.23

Construcción:
- 19x7 (12/6/AT)

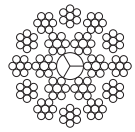
ANTIGIRATORIO **CLASE 8 x 37**



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.179	2.67	3.08
7.94	5/16	0.283	4.15	4.78
9.53	3/8	0.402	5.95	6.85
11.11	7/16	0.551	8.07	9.25
12.70	1/2	0.714	10.40	12.03
14.29	9/16	0.908	13.15	15.19
15.88	5/8	1.131	16.01	18.66
19.05	3/4	1.622	23.25	26.72
22.23	7/8	2.202	31.41	36.10
25.40	1	2.872	40.69	46.91
28.58	1 1/8	3.646	51-29	58.94
31.75	1 1/4	4.494	62.91	72.50
34.93	1 3/8	5.446	75.76	87.08
38.10	1 1/2	6.473	89.73	102.99
41.27	1 5/8	7.604	104.01	119.30
44.45	1 3/4	8.854	120.32	138.68
47.62	1 7/8	10.119	137.66	158.05
50.80	2	11.503	156.01	179.46
53.98	2 1/8	12.991	174.37	200.88
57.15	2 1/4	14.568	194.76	224.33

Construcciones:
- 8x31 (12/6+6/6/1) Warrington Seale
- 8x36 (14/7+7/7/1) Warrington Seale
- 8x41 (16/8+8/8/1) Warrington Seale

NO ROTATORIO **CLASE 18 x 7**

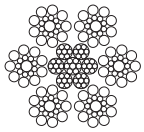


Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
7.94	5/16	0.282	3.48	3.83
9.53	3/8	0.360	4.84	5.32
11.11	7/16	0.490	6.56	7.22
12.70	1/2	0.640	8.94	9.80
14.29	9/16	0.820	11.25	12.30
15.88	5/8	1.010	13.88	15.20
19.05	3/4	1.440	19.78	21.80
22.23	7/8	1.960	26.80	29.50
25.40	1	2.570	34.75	38.30
28.58	1 1/8	3.260	43.70	48.20
31.75	1 1/4	4.020	53.70	59.10
34.93	1 3/8	4.870	64.70	71.10
38.10	1 1/2	5.790	76.60	84.20

Construcción:
- 18x7 (12/6/AF)

Minería

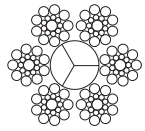
CÓNDOR
CLASE 6 x 19



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
3.18	1/8	0.041	0.69	0.79
4.76	3/16	0.109	1.43	1.64
6.35	1/4	0.170	2.67	3.08
7.94	5/16	0.270	4.16	4.78
9.53	3/8	0.390	5.95	6.85
11.11	7/16	0.520	8.07	9.25
12.70	1/2	0.680	10.40	12.10
14.29	9/16	0.880	13.20	15.20
15.88	5/8	1.070	16.20	18.70
19.05	3/4	1.550	23.20	26.70
22.23	7/8	2.110	31.40	36.10
25.40	1	2.750	40.70	46.90
28.58	1 1/8	3.480	51.30	59.00
31.75	1 1/4	4.300	63.00	72.50
34.93	1 3/8	5.210	75.70	87.10
38.10	1 1/2	6.190	89.70	103.00
41.27	1 5/8	7.260	104.00	120.00
44.45	1 3/4	8.440	121.00	139.00
47.62	1 7/8	9.670	138.00	158.00
50.80	2	11.000	156.00	180.00
53.98	2 1/8	12.400	174.00	200.00
57.15	2 1/4	13.900	195.00	224.00
60.33	2 3/8	15.500	217.00	249.00
63.50	2 1/2	17.300	238.00	274.00

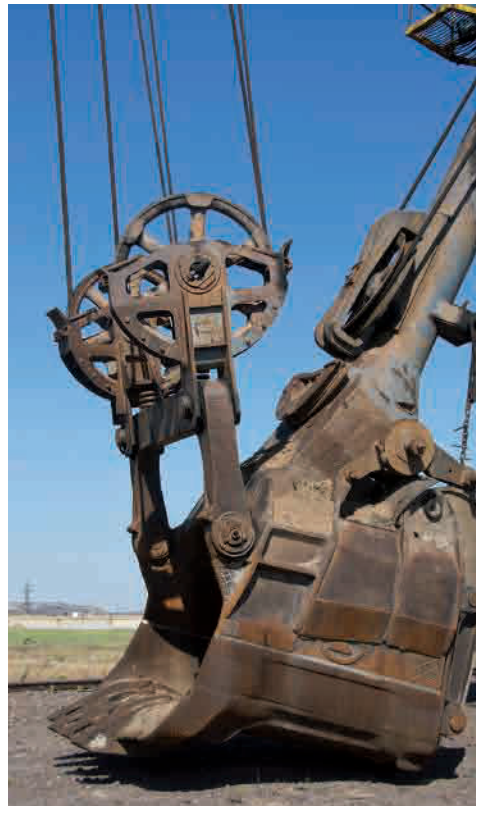
Construcciones:
- 6x19 (12/6/1) 2 Operaciones
- 6x19 (9/9/1) Seale
- 6x21 /10/5/5/1) Filler
- 6x25 (12/6/6/1) Filler
- 6x26 (10/5+5/5/1) Warrington Seale

HALCÓN
CLASE 6 x 19

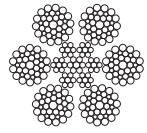


Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
3.18	1/8	0.036	0.63	0.69
4.76	3/16	0.094	1.36	1.50
6.35	1/4	0.160	2.49	2.70
7.94	5/16	0.240	3.86	4.20
9.53	3/8	0.350	5.53	6.10
11.11	7/16	0.480	7.50	8.20
12.70	1/2	0.630	9.71	10.70
14.29	9/16	0.790	12.20	13.50
15.88	5/8	0.980	15.10	16.60
19.05	3/4	1.410	21.60	23.80
22.23	7/8	1.920	29.20	32.10
25.40	1	2.500	37.90	41.70
28.58	1 1/8	3.170	47.70	52.40
31.75	1 1/4	3.910	58.50	64.50
34.93	1 3/8	4.730	70.50	77.60
38.10	1 1/2	5.630	83.50	91.60
41.27	1 5/8	6.610	97.10	107.00
44.45	1 3/4	7.660	112.00	124.00
47.62	1 7/8	8.800	128.00	142.00
50.80	2	10.000	145.00	160.00
53.98	2 1/8	11.300	162.00	178.00
57.15	2 1/4	12.700	181.00	199.00
60.33	2 3/8	14.100	201.00	221.00
63.50	2 1/2	15.600	221.00	243.00

Construcciones:
- 6x19 (12/6/1) 2 Operaciones
- 6x19 (9/9/1) Seale
- 6x21 (10/5/5/1) Filler
- 6x25 (12/6/6/1) Filler
- 6x26 (10/5+5/5/1) Warrington Seale



ÁGUILA REAL
CLASE 6 x 36



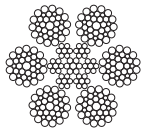
Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
66.67	2 5/8	19.000	261.0	299.0
69.85	2 3/4	20.850	285.0	333.0
73.03	2 7/8	22.790	309.0	361.0
76.20	3	24.730	336.0	389.0
79.38	3 1/8	26.810	362.0	417.0

Construcciones:
- 6x36 (14/7+7/7/1) Warrington Seale
- 6x41 (16/8+8/8/1) Warrington Seale
- 6x43 (14/14+7/7/1) Filler Seale

Minería

Cables cabrestantes | Cable para arrastre y levante | Cable tractor para góndolas y canastas | Cable de amantillo y carga

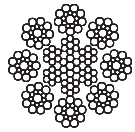
ÁGUILA
CLASE 6 x 36



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.170	2.76	3.08
7.94	5/16	0.270	4.16	4.78
9.54	3/8	0.390	5.95	6.85
11.11	7/16	0.520	8.07	9.25
12.70	1/2	0.680	10.40	12.10
14.29	9/16	0.880	13.20	15.20
15.88	5/8	1.070	16.20	18.70
19.05	3/4	1.550	23.20	26.70
22.23	7/8	2.110	31.40	36.10
25.40	1	2.750	40.70	46.90
28.58	1 1/8	3.480	51.30	59.00
31.75	1 1/4	4.300	63.00	72.50
34.93	1 3/8	5.210	75.70	87.10
38.10	1 1/2	6.190	89.70	103.00
41.27	1 5/8	7.260	104.00	120.00
44.45	1 3/4	8.440	121.00	139.00
47.62	1 7/8	9.670	138.00	158.00
50.80	2	11.000	156.00	180.00
53.98	2 1/8	12.400	174.00	200.00
57.15	2 1/4	13.900	195.00	224.00
60.33	2 3/8	15.500	217.00	249.00
63.50	2 1/2	17.300	238.00	274.00
66.67	2 5/8	19.000	261.00	299.00

Construcciones:
- 6x31 (12/6+6/6/1) Warrington Seale
- 6x36 (14/7+7/7/1) Warrington Seale
- 6x41 (16/8+8/8/1) Warrington Seale
- 6x43 (14/14/7/7/1) Filler Seale

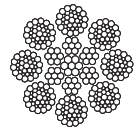
ANTIGIRATORIO
CLASE 8 x 19



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.179	2.67	3.08
7.94	5/16	0.283	4.15	4.78
9.53	3/8	0.402	5.95	6.85
11.11	7/16	0.551	8.07	9.25
12.70	1/2	0.714	10.40	12.03
14.29	9/16	0.908	13.15	15.19
15.88	5/8	1.131	16.01	18.66
19.05	3/4	1.622	23.25	26.72
22.23	7/8	2.202	31.41	36.10
25.40	1	2.872	40.69	46.91
28.58	1 1/8	3.646	51-29	58.94
31.75	1 1/4	4.494	62.91	72.50
34.93	1 3/8	5.446	75.76	87.08
38.10	1 1/2	6.473	89.73	102.99
41.27	1 5/8	7.604	104.01	119.30
44.45	1 3/4	8.854	120.32	138.68
47.62	1 7/8	10.119	137.66	158.05
50.80	2	11.503	156.01	179.46
53.98	2 1/8	12.991	174.37	200.88
57.15	2 1/4	14.568	194.76	224.33

Construcciones:
- 8x19 (9/9/1) Seale
- 8x25 (12/6/6/1) Filler
- 8x26 (10/5+5/5/1) Warrington Seale

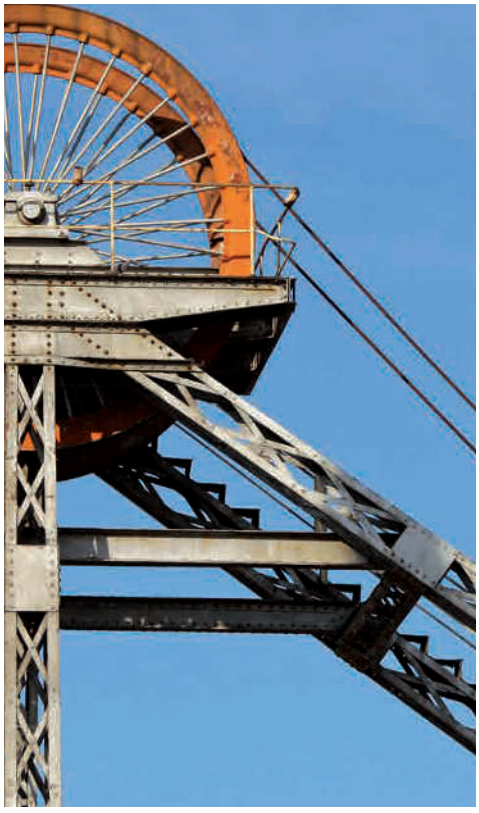
ANTIGIRATORIO
CLASE 8 x 37



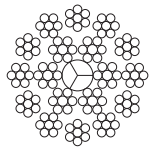
Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.179	2.67	3.08
7.94	5/16	0.283	4.15	4.78
9.53	3/8	0.402	5.95	6.85
11.11	7/16	0.551	8.07	9.25
12.70	1/2	0.714	10.40	12.03
14.29	9/16	0.908	13.15	15.19
15.88	5/8	1.131	16.01	18.66
19.05	3/4	1.622	23.25	26.72
22.23	7/8	2.202	31.41	36.10
25.40	1	2.872	40.69	46.91
28.58	1 1/8	3.646	51-29	58.94
31.75	1 1/4	4.494	62.91	72.50
34.93	1 3/8	5.446	75.76	87.08
38.10	1 1/2	6.473	89.73	102.99
41.27	1 5/8	7.604	104.01	119.30
44.45	1 3/4	8.854	120.32	138.68
47.62	1 7/8	10.119	137.66	158.05
50.80	2	11.503	156.01	179.46
53.98	2 1/8	12.991	174.37	200.88
57.15	2 1/4	14.568	194.76	224.33

Construcciones:
- 8x31 (12/6+6/6/1) Warrington Seale
- 8x36 (14/7+7/7/1) Warrington Seale
- 8x41 (16/8+8/8/1) Warrington Seale

Minería



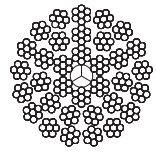
NO ROTATORIO
CLASE 18 x 7



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
7.94	5/16	0.282	3.48	3.83
9.53	3/8	0.360	4.84	5.32
11.11	7/16	0.490	6.56	7.22
12.70	1/2	0.640	8.94	9.80
14.29	9/16	0.820	11.25	12.30
15.88	5/8	1.010	13.88	15.20
19.05	3/4	1.440	19.78	21.80
22.23	7/8	1.960	26.80	29.50
25.40	1	2.570	34.75	38.30
28.58	1 1/8	3.260	43.70	48.20
31.75	1 1/4	4.020	53.70	59.10
34.93	1 3/8	4.870	64.70	71.10
38.10	1 1/2	5.790	76.60	84.20

Construcción:
• 18x7 (12/6/AF)

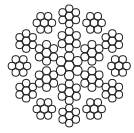
NO ROTATORIO
CLASE 34 x 7



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
11.11	7/16	0.476	7.09	7.85
12.70	1/2	0.625	9.25	10.30
14.29	9/16	0.789	11.73	12.95
15.88	5/8	0.982	14.38	16.01
19.05	3/4	1.414	20.90	23.04
22.23	7/8	1.920	28.35	31.41
25.40	1	2.515	37.01	40.99
28.58	1 1/8	3.184	46.91	51.90
31.75	1 1/4	3.928	57.92	64.04
34.93	1 3/8	4.762	70.05	77.60
38.10	1 1/2	5.655	83.31	92.48
41.27	1 5/8	6.637	98.00	108.09

Construcción:
• 34x7 (17/11/6/AF) 3 Operaciones

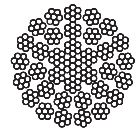
NO ROTATORIO
CLASE 19 x 7



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
7.94	5/16	0.268	3.54	3.91
9.53	3/8	0.387	5.07	5.56
11.11	7/16	0.521	6.87	7.54
12.70	1/2	0.670	8.93	9.77
14.29	9/16	0.860	11.22	12.34
15.88	5/8	1.060	13.87	15.19
19.05	3/4	1.520	19.78	21.82
22.23	7/8	2.070	26.72	29.47
25.40	1	2.710	34.77	38.24
28.58	1 1/8	3.420	43.74	48.13
31.75	1 1/4	4.230	53.74	59.04
34.93	1 3/8	5.100	64.65	71.07
38.10	1 1/2	6.070	76.58	84.23

Construcción:
• 19x7 (12/6/AT)

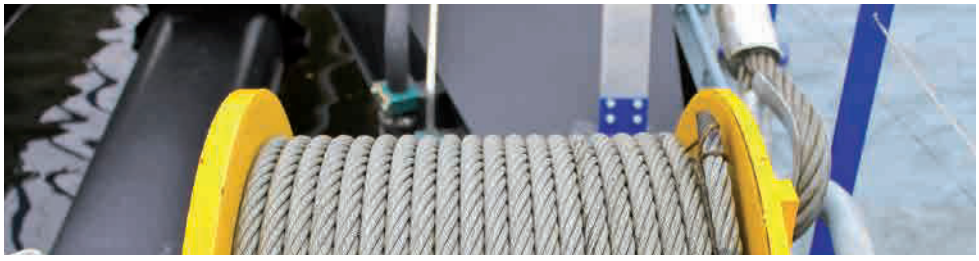
NO ROTATORIO
CLASE 35 x 7



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
11.11	7/16	0.491	7.09	7.85
12.70	1/2	0.640	9.25	10.30
14.29	9/16	0.818	11.73	12.95
15.88	5/8	1.012	14.38	16.01
19.05	3/4	1.458	20.90	23.04
22.23	7/8	1.979	28.35	31.41
25.40	1	2.589	37.01	40.99
28.58	1 1/8	3.274	46.91	51.90
31.75	1 1/4	4.047	57.92	64.04
34.93	1 3/8	4.896	70.05	77.60
38.10	1 1/2	5.818	83.31	92.48
41.27	1 5/8	6.830	98.00	108.09

Construcción:
• 35x7 (17/11/6/AT) 3 Operaciones

Pesquera

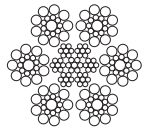


CAMARÓN
CLASE 6 x 7 GALVANIZADO

Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
3.18	1/8	0.031	0.538
4.76	3/16	0.087	1.50
6.35	1/4	0.140	2.40
7.94	5/16	0.220	3.72
9.53	3/8	0.310	5.32
11.11	7/16	0.430	6.48
12.70	1/2	0.570	8.42
14.29	9/16	0.710	10.62
15.88	5/8	0.880	12.96
19.05	3/4	1.250	18.54
22.23	7/8	1.710	25.11
25.40	1	2.230	32.40

Construcción:
- 6x7 (6/1)

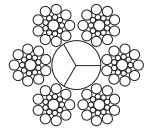
DELFÍN
CLASE 6 x 19 GALVANIZADO



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.170	2.67	3.08
7.94	5/16	0.270	4.16	4.78
9.53	3/8	0.390	5.95	6.85
11.11	7/16	0.520	8.07	9.25
12.70	1/2	0.680	10.40	12.10
14.29	9/16	0.880	13.20	15.20
15.88	5/8	1.070	16.20	18.70
19.05	3/4	1.550	23.20	26.70
22.23	7/8	2.110	31.40	36.10
25.40	1	2.750	40.70	46.90
28.58	1 1/8	3.480	51.30	59.00
31.75	1 1/4	4.300	63.00	72.50
34.93	1 3/8	5.210	75.70	87.10
38.10	1 1/2	6.190	89.70	103.00
41.27	1 5/8	7.260	104.00	120.00
44.45	1 3/4	8.440	121.00	139.00
47.62	1 7/8	9.670	138.00	158.00
50.80	2	11.000	156.00	180.00
53.98	2 1/8	12.400	174.00	200.00
57.15	2 1/4	13.900	195.00	224.00

Construcciones:
- 6x19 (9/9/1) Seale
- 6x25 (12/6/6/1) Filler

ATÚN
CLASE 6 x 19 GALVANIZADO



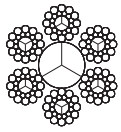
Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
3.18	1/8	0.036	0.63	0.69
4.76	3/16	0.094	1.36	1.50
6.35	1/4	0.160	2.49	2.70
7.94	5/16	0.240	3.86	4.20
9.53	3/8	0.350	5.53	6.10
11.11	7/16	0.480	7.50	8.20
12.70	1/2	0.630	9.71	10.70
14.29	9/16	0.790	12.20	13.50
15.88	5/8	0.980	15.10	16.60
19.05	3/4	1.410	21.50	23.80
22.23	7/8	1.920	29.20	32.10
25.40	1	2.500	37.90	41.70
28.58	1 1/8	3.170	47.70	52.40
31.75	1 1/4	3.910	58.50	64.50
34.93	1 3/8	4.730	70.50	77.60
38.10	1 1/2	5.630	83.50	91.60
41.27	1 5/8	6.610	97.10	107.00
44.45	1 3/4	7.660	112.00	124.00
47.62	1 7/8	8.800	128.00	142.00
50.80	2	10.000	145.00	160.00
53.98	2 1/8	11.300	162.00	178.00
57.15	2 1/4	12.700	181.00	199.00

Construcciones:
- 6x19 (9/9/1) Seale
- 6x25 (12/6/6/1) Filler

Pesquera

Estay de proa y popa | Winches de barcos atuneros | Flota camaronera | Centro y arrastre | Amantillo y carga

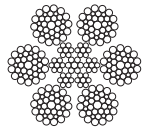
SARDINA
6 x 24 GALVANIZADO



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica
9.53	3/8	0.290	3.90
11.11	7/16	0.380	5.07
12.70	1/2	0.520	6.75
14.29	9/16	0.650	8.68
15.88	5/8	0.800	10.62
19.05	3/4	1.160	15.21
22.23	7/8	1.580	20.61
25.40	1	2.050	26.82
28.58	1 1/8	2.600	33.64
31.75	1 1/4	3.210	41.40
34.93	1 3/8	3.880	49.81
38.10	1 1/2	4.630	59.04

Construcción:
- 6x24 (12/12/Poli) Seale

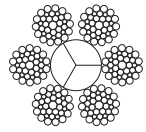
ANCHOVETA
CLASE 6 x 36 GALVANIZADO



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.170	2.67	3.08
7.94	5/16	0.270	4.16	4.78
9.53	3/8	0.390	5.95	6.85
11.11	7/16	0.520	8.07	9.25
12.70	1/2	0.680	10.40	12.10
14.29	9/16	0.880	13.20	15.20
15.88	5/8	1.070	16.20	18.70
19.05	3/4	1.550	23.20	26.70
22.23	7/8	2.110	31.40	36.10
25.40	1	2.750	40.70	46.90
28.58	1 1/8	3.480	51.30	59.00
31.75	1 1/4	4.300	63.00	72.50
34.93	1 3/8	5.210	75.70	87.10
38.10	1 1/2	6.190	89.70	103.00
41.27	1 5/8	7.260	104.00	120.00
44.45	1 3/4	8.440	121.00	139.00
47.62	1 7/8	9.670	138.00	158.00
50.80	2	11.000	156.00	180.00
53.98	2 1/8	12.400	174.00	200.00
57.15	2 1/4	13.900	195.00	224.00
60.33	2 3/8	15.500	217.00	249.00
63.50	2 1/2	17.300	238.00	274.00

Construcciones:
- 6x31 (12/6+6/6/1) Warrington Seale
- 6x36 (14/7+7/7/1) Warrington Seale
- 6x41 (16/8+8/8/1) Warrington Seale
- 6x43 (14/14/7/7/1) Warrington Seale

BARRILETE
CLASE 6 x 36 GALVANIZADO

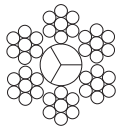


Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.16	2.49	2.70
7.94	5/16	0.24	3.86	4.20
9.53	3/8	0.35	5.53	6.10
11.11	7/16	0.48	7.50	8.20
12.70	1/2	0.63	9.71	10.70
14.29	9/16	0.79	12.20	13.50
15.88	5/8	0.98	15.10	16.60
19.05	3/4	1.41	21.60	23.80
22.23	7/8	1.92	29.20	32.10
25.40	1	2.50	37.90	41.70
28.58	1 1/8	3.17	47.70	52.40
31.75	1 1/4	3.91	58.50	64.50
34.93	1 3/8	4.73	70.50	77.60
38.10	1 1/2	5.63	83.50	91.60
41.27	1 5/8	6.61	97.10	107.00
44.45	1 3/4	7.66	112.00	124.00
47.62	1 7/8	8.80	128.00	142.00
50.80	2	10.00	145.00	160.00
53.98	2 1/8	11.30	162.00	178.00
57.15	2 1/4	12.70	181.00	199.00

Construcciones:
- 6x31 (12/6+6/6/1) Warrington Seale
- 6x36 (14/7+7/7/1) Warrington Seale
- 6x41 (16/8+8/8/1) Warrington Seale
- 6x43 (14/14/7/7/1) Filler Seale

Petrolera

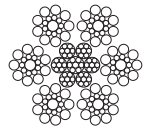
SONDEO
CLASE 6 x 7



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.140	2.40	2.64
7.94	5/16	0.220	3.72	4.09
9.54	3/8	0.310	5.32	5.85
11.11	7/16	0.430	7.20	7.92
12.70	1/2	0.570	9.35	10.29
14.29	9/16	0.710	11.80	12.98
15.88	5/8	0.880	14.40	15.84
19.05	3/4	1.250	20.60	22.66
22.23	7/8	1.710	27.90	30.69
25.40	1	2.230	36.01	39.61
28.58	1 1/8	2.830	45.18	49.70
31.75	1 1/4	3.480	55.34	60.87
34.93	1 3/8	4.230	66.32	72.95
38.10	1 1/2	5.030	78.20	86.02

Construcción:
- 6x7 (6/1)

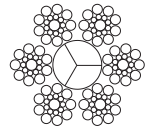
CÓNDOR
CLASE 6 x 19



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
3.18	1/8	0.041	0.69	0.79
4.76	3/16	0.109	1.43	1.64
6.35	1/4	0.170	2.67	3.08
7.94	5/16	0.270	4.16	4.78
9.53	3/8	0.390	5.95	6.85
11.11	7/16	0.520	8.07	9.25
12.70	1/2	0.680	10.40	12.10
14.29	9/16	0.880	13.20	15.20
15.88	5/8	1.070	16.20	18.70
19.05	3/4	1.550	23.20	26.70
22.23	7/8	2.110	31.40	36.10
25.40	1	2.750	40.70	46.90
28.58	1 1/8	3.480	51.30	59.00
31.75	1 1/4	4.300	63.00	72.50
34.93	1 3/8	5.210	75.70	87.10
38.10	1 1/2	6.190	89.70	103.00
41.27	1 5/8	7.260	104.00	120.00
44.45	1 3/4	8.440	121.00	139.00
47.62	1 7/8	9.670	138.00	158.00
50.80	2	11.000	156.00	180.00
53.98	2 1/8	12.400	174.00	200.00
57.15	2 1/4	13.900	195.00	224.00
60.33	2 3/8	15.500	217.00	249.00
63.50	2 1/2	17.300	238.00	274.00

Construcciones:
- 6x19 (12/6/1) 2 Operaciones
- 6x19 (9/9/1) Seale
- 6x21 /10/5/5/1) Filler
- 6x25 (12/6/6/1) Filler
- 6x26 (10/5+5/5/1) Warrington Seale

HALCÓN
CLASE 6 x 19



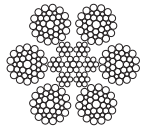
Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
3.18	1/8	0.036	0.63	0.69
4.76	3/16	0.094	1.36	1.50
6.35	1/4	0.160	2.49	2.70
7.94	5/16	0.240	3.86	4.20
9.53	3/8	0.350	5.53	6.10
11.11	7/16	0.480	7.50	8.20
12.70	1/2	0.630	9.71	10.70
14.29	9/16	0.790	12.20	13.50
15.88	5/8	0.980	15.10	16.60
19.05	3/4	1.410	21.60	23.80
22.23	7/8	1.920	29.20	32.10
25.40	1	2.500	37.90	41.70
28.58	1 1/8	3.170	47.70	52.40
31.75	1 1/4	3.910	58.50	64.50
34.93	1 3/8	4.730	70.50	77.60
38.10	1 1/2	5.630	83.50	91.60
41.27	1 5/8	6.610	97.10	107.00
44.45	1 3/4	7.660	112.00	124.00
47.62	1 7/8	8.800	128.00	142.00
50.80	2	10.000	145.00	160.00
53.98	2 1/8	11.300	162.00	178.00
57.15	2 1/4	12.700	181.00	199.00
60.33	2 3/8	14.100	201.00	221.00
63.50	2 1/2	15.600	221.00	243.00

Construcciones:
- 6x19 (12/6/1) 2 Operaciones
- 6x19 (9/9/1) Seale
- 6x21 (10/5/5/1) Filler
- 6x25 (12/6/6/1) Filler
- 6x26 (10/5+5/5/1) Warrington Seale

Petrolera

Líneas de sondeo Líneas de perforación Perforación de pozos petroleros
Líneas de anclaje Perforadoras rotatorias

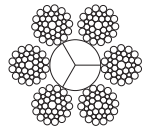
ÁGUILA
CLASE 6 x 36



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.170	2.76	3.08
7.94	5/16	0.270	4.16	4.78
9.54	3/8	0.390	5.95	6.85
11.11	7/16	0.520	8.07	9.25
12.70	1/2	0.680	10.40	12.10
14.29	9/16	0.880	13.20	15.20
15.88	5/8	1.070	16.20	18.70
19.05	3/4	1.550	23.20	26.70
22.23	7/8	2.110	31.40	36.10
25.40	1	2.750	40.70	46.90
28.58	1 1/8	3.480	51.30	59.00
31.75	1 1/4	4.300	63.00	72.50
34.93	1 3/8	5.210	75.70	87.10
38.10	1 1/2	6.190	89.70	103.00
41.27	1 5/8	7.260	104.00	120.00
44.45	1 3/4	8.440	121.00	139.00
47.62	1 7/8	9.670	138.00	158.00
50.80	2	11.000	156.00	180.00
53.98	2 1/8	12.400	174.00	200.00
57.15	2 1/4	13.900	195.00	224.00
60.33	2 3/8	15.500	217.00	249.00
63.50	2 1/2	17.300	238.00	274.00
66.67	2 5/8	19.000	261.00	299.00

Construcciones:
- 6x31 (12/6+6/6/1) Warrington Seale
- 6x36 (14/7+7/7/1) Warrington Seale
- 6x41 (16/8+8/8/1) Warrington Seale
- 6x43 (14/14/7/7/1) Filler Seale

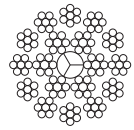
SUPERFLEXIBLE
CLASE 6 x 36



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
6.35	1/4	0.160	2.49	2.70
7.94	5/16	0.240	3.86	4.20
9.53	3/8	0.350	5.53	6.10
11.11	7/16	0.480	7.50	8.20
12.70	1/2	0.630	9.71	10.70
14.29	9/16	0.790	12.20	13.50
15.88	5/8	0.980	15.10	16.60
19.05	3/4	1.410	21.60	23.80
22.23	7/8	1.920	29.20	32.10
25.40	1	2.500	37.90	41.70
28.58	1 1/8	3.170	47.70	52.40
31.75	1 1/4	3.910	58.50	64.50
34.93	1 3/8	4.730	70.50	77.60
38.10	1 1/2	5.630	83.50	91.60
41.27	1 5/8	6.610	97.10	107.00
44.45	1 3/4	7.660	112.00	124.00
47.62	1 7/8	8.800	128.00	142.00
50.80	2	10.000	146.00	160.00
53.98	2 1/8	11.300	162.00	178.00
57.15	2 1/4	12.700	181.00	199.00
60.33	2 3/8	14.100	201.00	221.00
63.50	2 1/2	15.600	221.00	243.00
66.67	2 5/8	17.300	243.00	267.00

Construcciones:
- 6x31 (12/6+6/6/1) Warrington Seale
- 6x36 (14/7+7/7/1) Warrington Seale
- 6x41 (16/8+8/8/1) Warrington Seale
- 6x43 (14/14/7/7/1) Filler Seale

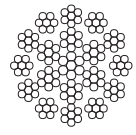
NO ROTATORIO
CLASE 18 x 7



Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
7.94	5/16	0.282	3.48	3.83
9.53	3/8	0.360	4.84	5.32
11.11	7/16	0.490	6.56	7.22
12.70	1/2	0.640	8.94	9.80
14.29	9/16	0.820	11.25	12.30
15.88	5/8	1.010	13.88	15.20
19.05	3/4	1.440	19.78	21.80
22.23	7/8	1.960	26.80	29.50
25.40	1	2.570	34.75	38.30
28.58	1 1/8	3.260	43.70	48.20
31.75	1 1/4	4.020	53.70	59.10
34.93	1 3/8	4.870	64.70	71.10
38.10	1 1/2	5.790	76.60	84.20

Construcción:
- 18x7 (12/6/AF)

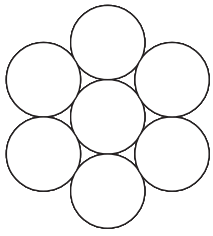
NO ROTATORIO
CLASE 19 x 7



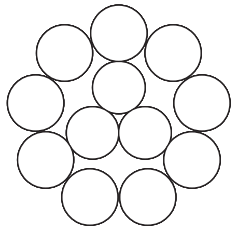
Diámetro		Peso Aprox.	Resist. ruptura ton. métrica	
7.94	5/16	0.268	3.54	3.91
9.53	3/8	0.387	5.07	5.56
11.11	7/16	0.521	6.87	7.54
12.70	1/2	0.670	8.93	9.77
14.29	9/16	0.860	11.22	12.34
15.88	5/8	1.060	13.87	15.19
19.05	3/4	1.520	19.78	21.82
22.23	7/8	2.070	26.72	29.47
25.40	1	2.710	34.77	38.24
28.58	1 1/8	3.420	43.74	48.13
31.75	1 1/4	4.230	53.74	59.04
34.93	1 3/8	5.100	64.65	71.07
38.10	1 1/2	6.070	76.58	84.23

Construcción:
- 19x7 (12/6/AT)

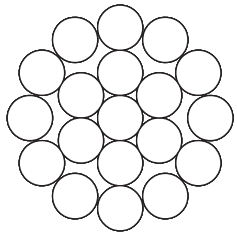
Construcciones **posibles**



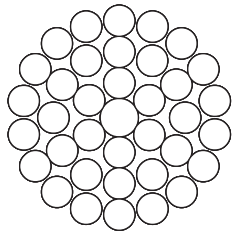
1x7 (6/1)



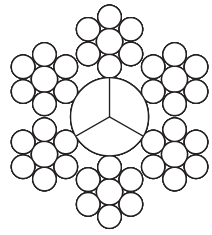
1x12 (9/3)



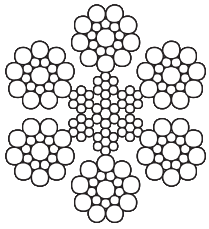
1x19 (12/6/1)



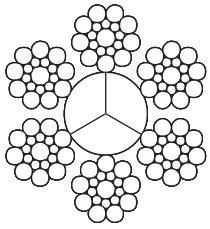
1x37 (18/12/6/1)



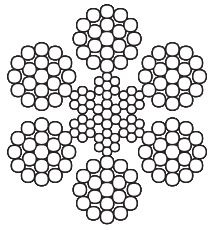
6x7 (6/1) AF



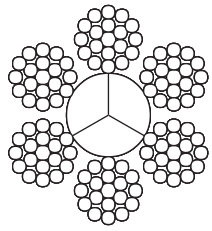
6x19 (9/9/1) AA



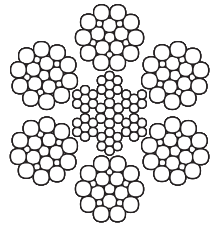
6x19 (9/9/1) AF



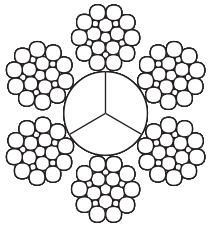
6x19 (12/6/1) AA



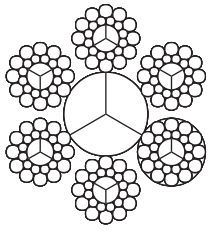
6x19 (12/6/1) AF



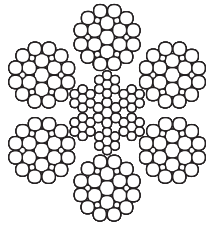
6x21 (10/5/5/1) AA



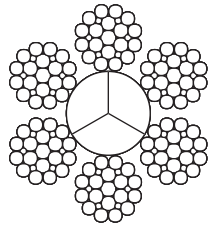
6x21 (10/5/5/1) AF



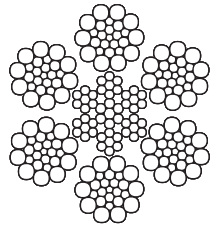
6x24 (12/12/POLY) AF



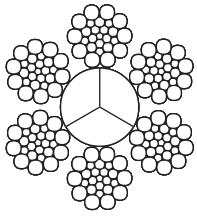
6x25 (12/6/6/1) AA



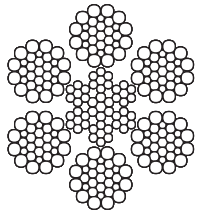
6x25 (12/6/6/1) AF



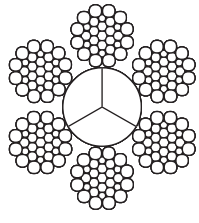
6x26 (10/5+5/5/1) AA



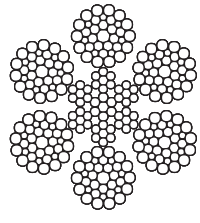
6x26 (10/5+5/5/1) AF



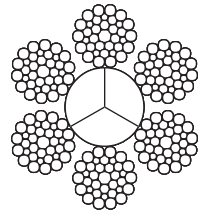
6x31 (12/6+6/6/1) AA



6x31 (12/6+6/6/1) AF

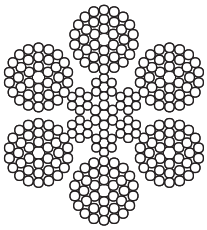


6x36 (14/7+7/7/1) AA

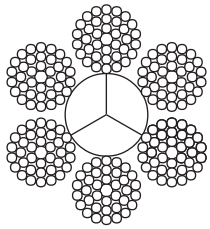


6x36 (14/7+7/7/1) AF

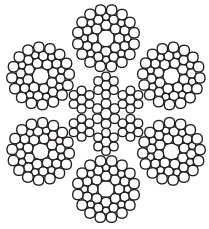
Construcciones **posibles**



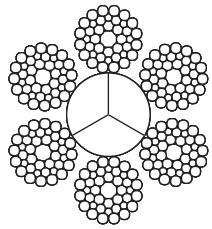
6x37 (18/12/6/1) AA



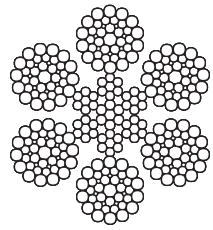
6x37 (18/12/6/1) AF



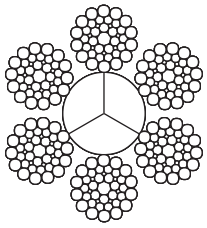
6x41 (16/8+8/8/1) AA



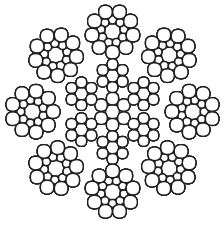
6x41 (16/8+8/8/1) AF



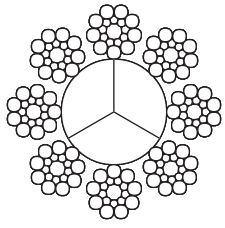
6x43 (14/14/7/7/1) AA



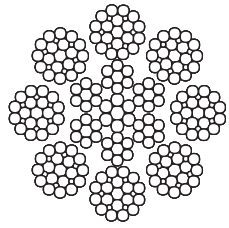
6x43 (14/14/7/7/1) AF



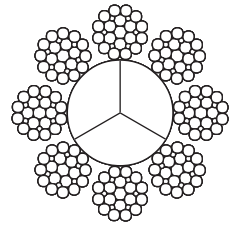
8x19 (9/9/1) AA



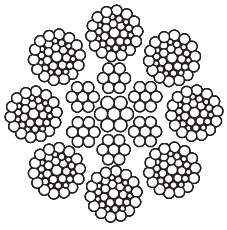
8x19 (9/9/1) AF



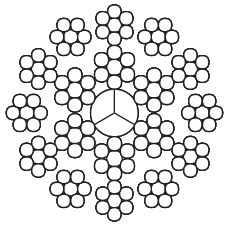
8x25 (12/6/6/1) AA



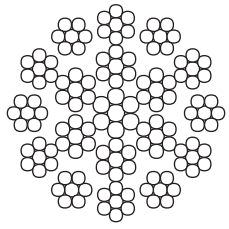
8x25 (12/6/6/1) AF



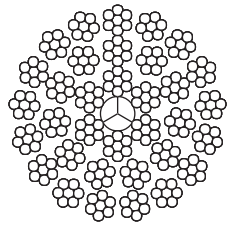
8x36 (14/7+7/7/1) AA



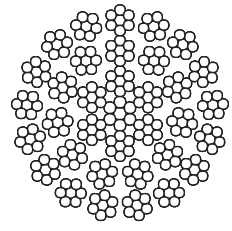
18x7 (12/6/AF)



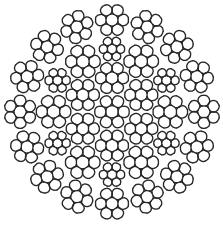
19x7 (12/6/AT)



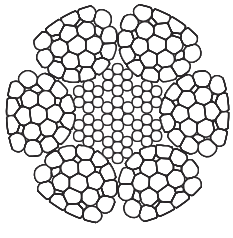
34x7 (17/11/AF)



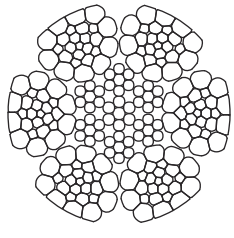
35x7 (17/11/6/AT)



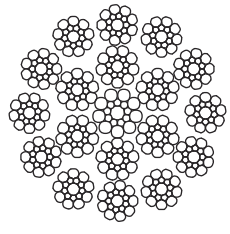
35x7WS (16/6+6/6/AT)



6x25 (12/6/6/1)
POWER PAC



6x26 (10/5+5/5/1)
SUAJADO



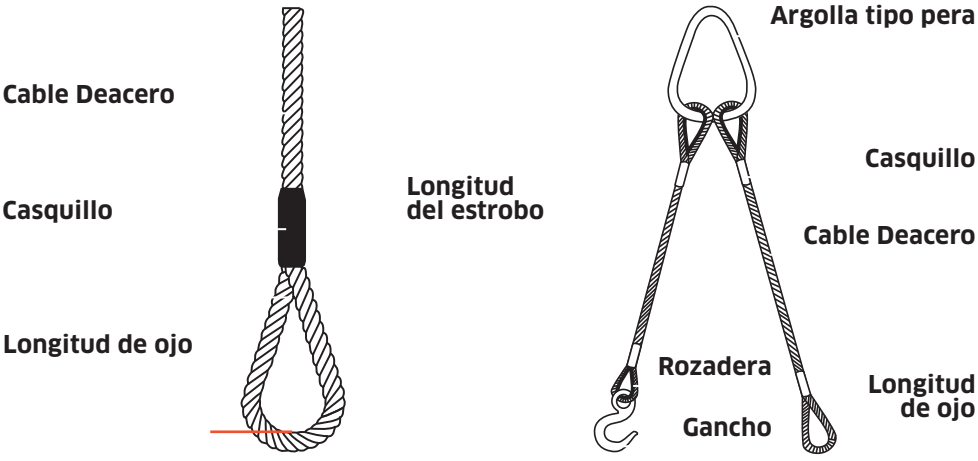
19x19 (12/6/AT)

AF. Alma de fibra
AA. Alma de acero
AT. Alma torón

Otros **productos**

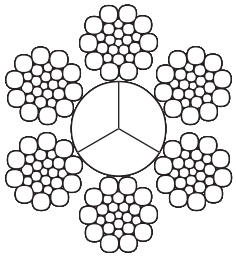
Deacero fabrica estrobos y accesorios elaborados con cable Deacero. Estos productos cumplen con las normas internacionales de calidad API, ASTM, AISI, JIS, entre otras, lo que garantiza su calidad.

ESTRUCTURA DE UN ESTROBO

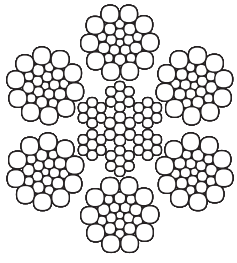


CABLES PARA ESTROBOS

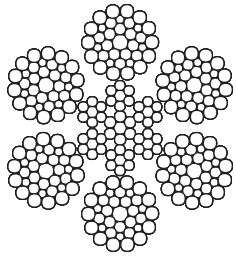
Estos son los cables Deacero que se utilizan para la fabricación de estrobos, sin embargo, se pueden utilizar otros tipos de cable Deacero a solicitud del cliente.



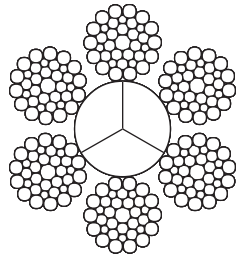
6X26 (10/5+5/5/1) AF



6X26 (10/5+5/5/1) AA

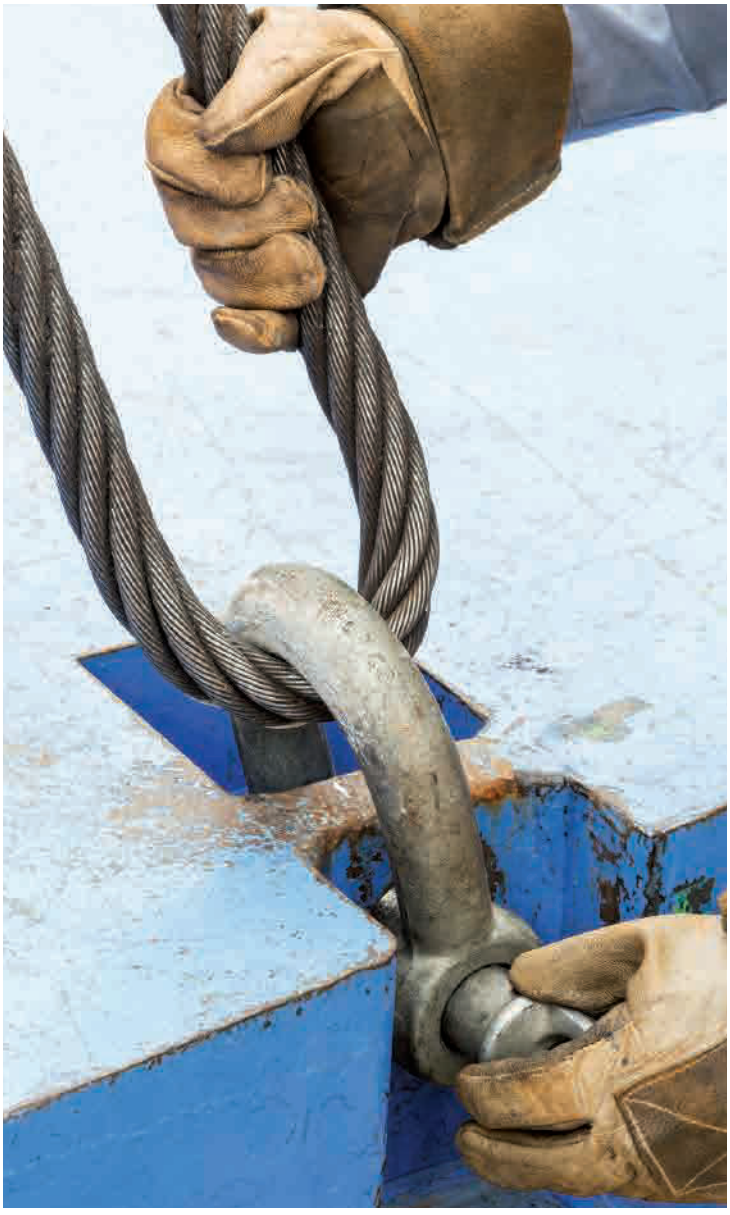


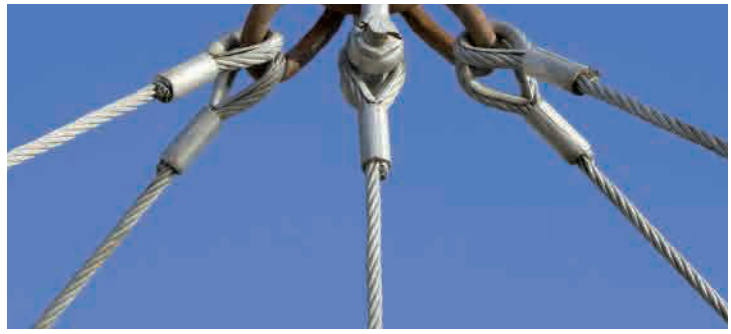
6X36 (14/7+7/7/1) AA



6X36 (14/7+7/7/1) AF

Otros **productos**



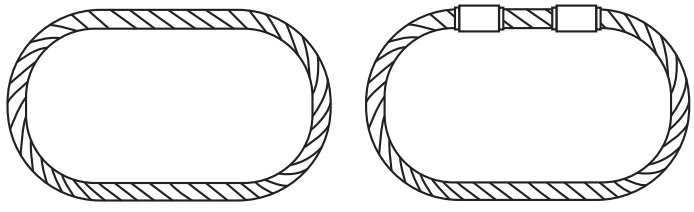


MODELOS DE ESTROBOS

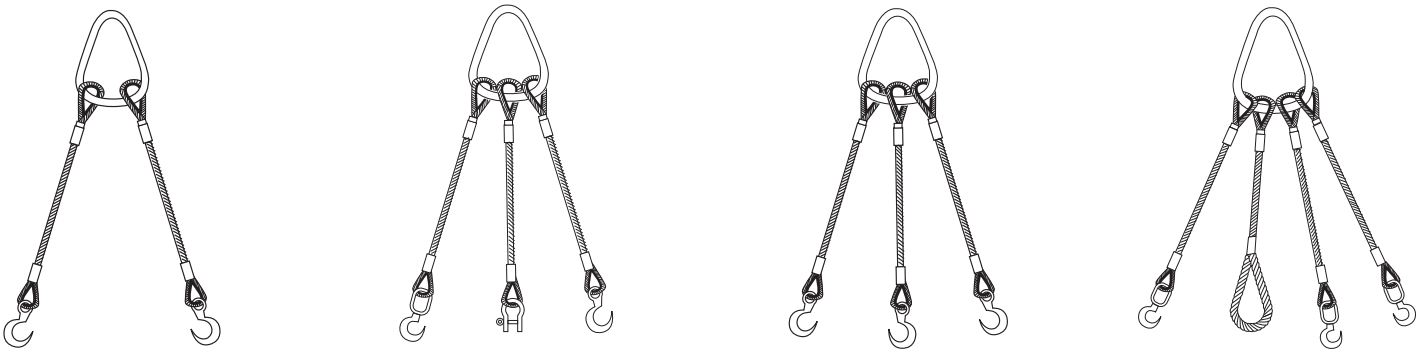
TEJIDO LARGO
Esta banda se recomienda cuando vaya a utilizarse sobre poleas y su diámetro sea mayor a 20, 25, 30, 35, 40, 60 y 70 metros, en relación al diámetro del cable a utilizar.

GROMMET
Se utiliza cuando el diámetro de la banda es menor a la anterior, y se elabora torciendo siete veces un solo torón sobre sí mismo.

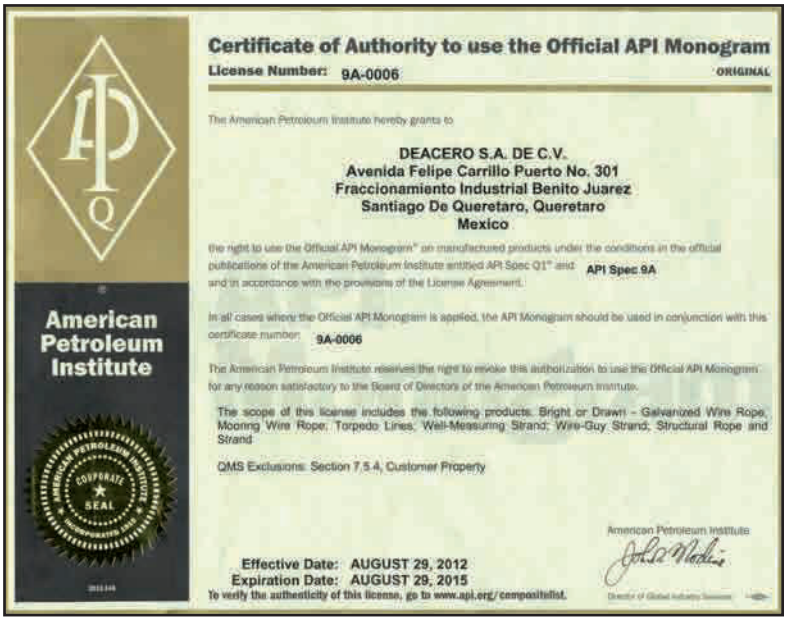
TEJIDO MECÁNICO
Este tejido se recomienda cuando la banda no se utiliza sobre poleas y su diámetro sea menor a la primera.



Otros **productos**



Certificaciones



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cim

CERTIFICADO DE CONFORMIDAD

El Presente Documento Certifica que:

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PLANTA INDUSTRIALES QUERETARO

Av. Felipe Carrillo Puerto No. 301
Fracc. Industrial Benito Juárez C.P. 76130
Querétaro, Qro.

Ha demostrado que su Sistema de Gestión cumple con los requerimientos de la Norma Internacional:

NMX-CC-9001-IMNC-2008
ISO 9001:2008

Para su Sistema de Gestión de Calidad bajo el siguiente alcance:

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En nombre de Organismo de Tercera Parte, S.A. de C.V.
Certificación Internacional México®

Validado por:

Certificado No.: CIM-1009-

Este certificado fue emitido el : 26 / 08 / 2013 y es válido hasta el: 26 / 08 / 2016
1er. Ciclo de Certificación: 24 / 09 / 2010 - 24 / 09/ 2013

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