C.F.W
PRODUCT CATALOG

Made in Japan, High Quality & Reasonable Price

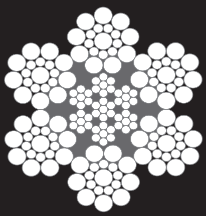
Founded in 1970

C.F.WIREROPE.LTD

Introduction

The Best Wire Rope

Since our founding as a wire rope manufacturer in 1970, we have put quality first.
In addition, our management philosophy has been to manufacture wire rope chosen by customers.
As a wire rope professional, we are providing a new perspective on wire rope,
and have increased customer sales and reduced costs.
Now, we utilize technology inherited from the last president,
and manufacture wire rope selected by customers.



Company Profile

Name : C.F.WIREROPE, LTD

President : Hiroyoshi Nakano

Line of business : Manufacturing, sales and processing wire rope

Subsidiary : NAKANO, LTD (overseas export of wire rope)

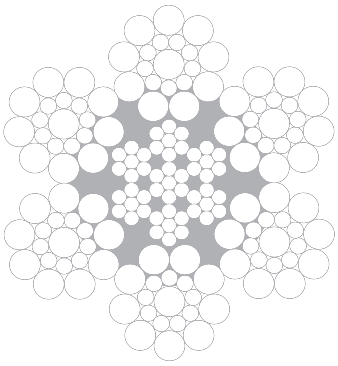
Address : 5-13-24, Shimokawaraya, Izumisano-city, Osaka, Japan
〒 598-0062

E-mail : nakano@cfw.co.jp

Established : April, 1970

Contents

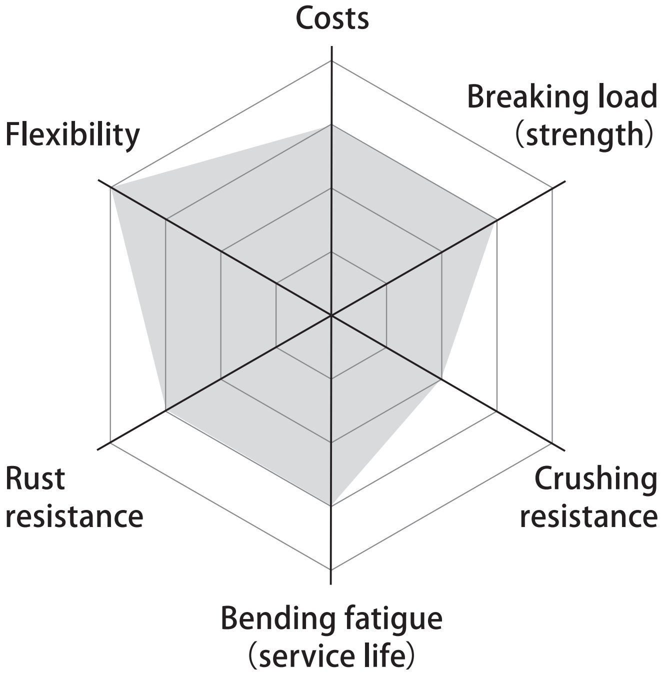
General definitions, End terminations, Discard criteria



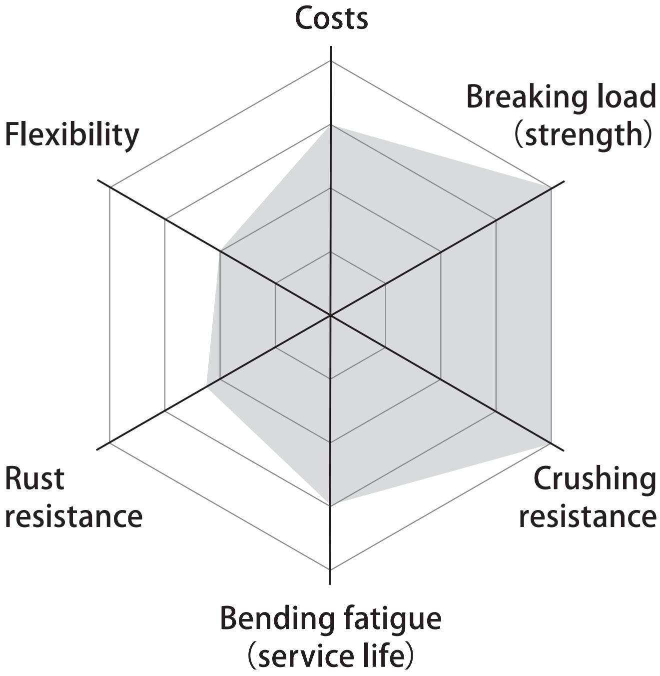
Wire ropes are required to have
different characteristics depending on the application,
and you have to use an optimally configured wire rope.

There is no wire rope that excels in all performances.
For example, if the breaking load is increased too much,
the service life will be shortened.

For cranes



For mining



As wire rope professionals, we propose the most suitable wire rope that meets your needs.

- Necessary:
- What is the composition of the wire rope currently used?
- What is your application?
- Which diameter is required?
- What is the required length?
- What is the required minimum breaking load?
- Which type of end termination is required?

▶ If there are wire rope configurations or rope diameters not listed in this catalog, please let us know and we will respond.

We serve you with a broad variety of end terminations and services.

- Hand Spliced Eyes
- Flemish Eyes
- Pressed Thimble Eyes
- Pressed Soft Eyes
- Split Wedge Ferrules
- Wire Rope Clips

▶ Please contact us for processing methods

Wire ropes should be frequently visually inspected to ensure that the rope is in a safe state and does not reach any of the following.

- Visible broken wires
- Reduction in rope diameter
- Fracture of strands
- Corrosion
- Deformation and damage

▶ Please contact us for rope disposal standards

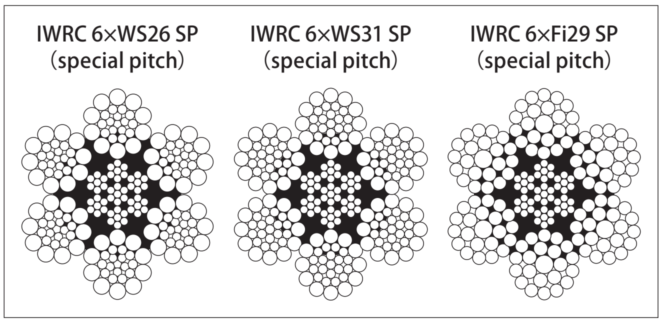
For

Truck cranes, Cargo cranes and Mini cranes

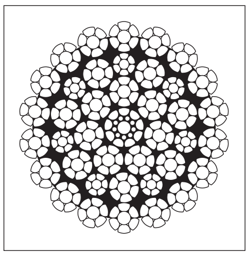
Our brands

IWRC 6×WS26 SP (special pitch)
IWRC 6×WS31 SP (special pitch)
IWRC 6×Fi29 SP (special pitch)
Nuflex (non-rotating rope)

① 6×36 class special pitch



② Nuflex (non-rotating rope)



Low costs	①	WIN	>		②
Flexibility	①	WIN	>		②
Long service life	①	WIN	>		②
High Breaking load	①		<	WIN	②
Crushing resistance	①		<	WIN	②

① CF standard (based on Japanese Industrial Standard)

6×36 class special pitch	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)	
			Grade C	Grade T
IWRC 6×WS26 SP	8	0.275	42.5	46.8
	9	0.348	53.4	58.8
	10	0.43	65.6	72.2
	11.2	0.539	85.5	94
	12	0.619	99.1	108.9
	12.5	0.672	110.1	121.1
IWRC 6×WS31 SP	14	0.862	138.1	151.8
	16	1.126	175.7	193.2
	18	1.43	222.5	244.6
IWRC 6×Fi29 SP	8	0.281	45.8	50.3
	9	0.356	58.5	64.3
	10	0.44	71.4	78.5
	11.2	0.552	89.4	98.3
	12	0.634	102.8	113
	12.5	0.688	111.1	122.2
	14	0.862	140.3	154.3
	16	1.126	182	200.1
	18	1.43	231.8	254.9

② CF standard (based on Japanese Industrial Standard)

Nuflex (non-rotating rope)	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)	
			Grade B	Grade T
Nuflex P.S(19)+39×P.7	16	1.28	213	228
	18	1.62	269	288
	20	2	332	355
	22	2.42	402	430
	22.4	2.51	417	446
	24	2.88	478	512
	25	3.12	519	555
	26	3.38	561	601
	28	3.92	651	697
	30	4.5	747	800
	31.5	4.96	824	882
	32	5.12	850	910
	33.5	5.61	932	997
	34	5.78	960	1030
	35.5	6.3	1050	1120
	36	6.48	1080	1150
	37.5	7.03	1170	1250
	38	7.22	1200	1280
	40	8	1330	1420

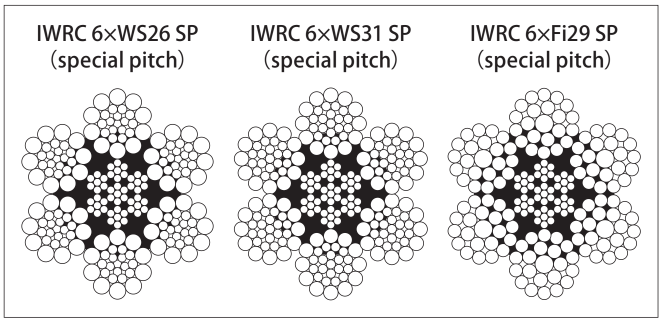
For

Rough-terrain cranes and Telescopic-mobile cranes

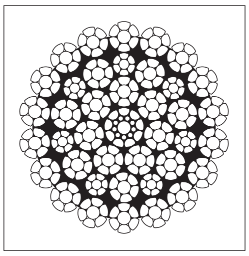
Our brands

IWRC 6×WS26 SP（special pitch）
IWRC 6×WS31 SP（special pitch）
IWRC 6×Fi29 SP（special pitch）
Nuflex（non-rotating rope）

① 6×36 class special pitch



② Nuflex（non-rotating rope）



Low costs	①	WIN	>		②
Flexibility	①	WIN	>		②
Long service life	①	WIN	>		②
High Breaking load	①		<	WIN	②
Crushing resistance	①		<	WIN	②

① CF standard (based on Japanese Industrial Standard)

6×36 class special pitch	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)	
			Grade C	Grade T
IWRC 6×WS26 SP	8	0.275	42.5	46.8
	9	0.348	53.4	58.8
	10	0.43	65.6	72.2
	11.2	0.539	85.5	94
	12	0.619	99.1	108.9
	12.5	0.672	110.1	121.1
IWRC 6×WS31 SP	14	0.862	138.1	151.8
	16	1.126	175.7	193.2
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IWRC 6×Fi29 SP	8	0.281	45.8	50.3
	9	0.356	58.5	64.3
	10	0.44	71.4	78.5
	11.2	0.552	89.4	98.3
	12	0.634	102.8	113
	12.5	0.688	111.1	122.2
	14	0.862	140.3	154.3
	16	1.126	182	200.1
	18	1.43	231.8	254.9

② CF standard (based on Japanese Industrial Standard)

Nuflex (non-rotating rope)	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)	
			Grade B	Grade T
Nuflex P.S(19)+39×P.7	16	1.28	213	228
	18	1.62	269	288
	20	2	332	355
	22	2.42	402	430
	22.4	2.51	417	446
	24	2.88	478	512
	25	3.12	519	555
	26	3.38	561	601
	28	3.92	651	697
	30	4.5	747	800
	31.5	4.96	824	882
	32	5.12	850	910
	33.5	5.61	932	997
	34	5.78	960	1030
	35.5	6.3	1050	1120
	36	6.48	1080	1150
	37.5	7.03	1170	1250
	38	7.22	1200	1280
	40	8	1330	1420

For

All-terrain cranes,
Lattice boom-mobile cranes and
Lattice boom-crawler cranes

Our brands

■ For Hoisting

Nuflex (non-rotating rope)

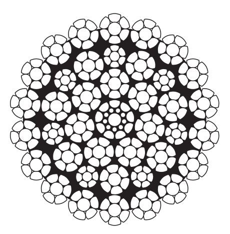
3 strands wire rope

■ For Holding and Closing

Forming rope

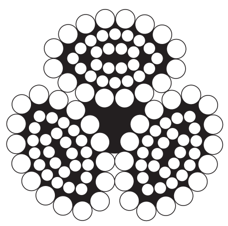
For Hoisting

① Nuflex (non-rotating rope)



② 3 strands wire rope

3×RF-WS (40)
FC

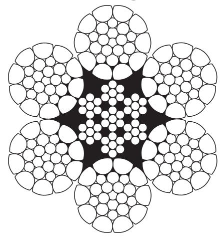


Low costs	①		<	WIN	②
Flexibility	①	WIN	>		②
Long service life	①	WIN	>		②
High Breaking load	①	WIN	>		②
Crushing resistance	①		<	WIN	②

For Holding and Closing

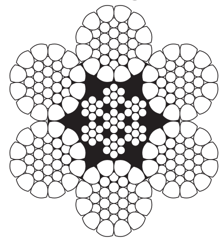
③ Forming rope

FM6×WS (26)
IWRC



④ Forming rope

FM6×WS (31)
IWRC



Low costs	③	DRAW	=	DRAW	④
Flexibility	③		<	WIN	④
Long service life	③		<	WIN	④
High Breaking load	③	WIN	>		④
Crushing resistance	③	WIN	>		④

For Hoisting

① CF standard (based on Japanese Industrial Standard)

Nuflex (non-rotating rope)	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)	
			Grade B	Grade T
Nuflex P.S(19)+39xP.7	16	1.28	213	228
	18	1.62	269	288
	20	2	332	355
	22	2.42	402	430
	22.4	2.51	417	446
	24	2.88	478	512
	25	3.12	519	555
	26	3.38	561	601
	28	3.92	651	697
	30	4.5	747	800
	31.5	4.96	824	882
	32	5.12	850	910
	33.5	5.61	932	997
	34	5.78	960	1030
	35.5	6.3	1050	1120
	36	6.48	1080	1150
	37.5	7.03	1170	1250
	38	7.22	1200	1280
	40	8	1330	1420

② CF standard (based on Japanese Industrial Standard)

3 strands wire rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
3 strands rope 3×RF-WS(40)	10	0.45	66.1	79.3	85.9
	11.2	0.564	82.9	99	108
	12	0.648	95.2	114	124
	12.5	0.703	103	124	134
	14	0.882	129	156	169
	16	1.15	170	203	220
	18	1.46	214	257	279
	20	1.8	265	318	343
	22.4	2.26	331	398	431
	25	2.81	413	496	537
	28	3.53	518	622	674
	30	4.05	595	714	774
	31.5	4.47	656	787	852
	32	4.61	677	812	880
	33.5	5.05	741	890	964
	34	5.2	764	917	993
	35.5	5.67	842	1000	1080
	36	5.83	857	1030	1110
	37.5	6.33	930	1120	1210
	38	6.5	954	1150	1240

For Holding and Closing

③ CF standard (based on Japanese Industrial Standard)

Forming rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
FM IWRC 6×P.WS26	8	0.302	41.5	49.1	53.2
	9	0.383	52.5	62.2	67.4
	10	0.473	64.7	76.8	83.2
	11.2	0.593	81.3	96.3	104
	12.5	0.738	101	121	130
	14	0.926	126	151	164
	16	1.21	166	196	213
	18	1.53	210	249	270
	20	1.89	259	307	332
	22.4	2.37	325	385	418
	25	2.95	405	481	520
	28	3.7	508	606	657
	30	4.25	583	691	748
	31.5	4.69	642	762	826
	33.5	5.3	727	862	934
	35.5	5.95	816	968	1050
	37.5	6.64	911	1080	1170
	38	6.82	936	1110	1200
	40	7.56	1040	1230	1330
	42.5	8.53	1170	1380	1500

④ CF standard (based on Japanese Industrial Standard)

Forming rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
FM IWRC 6×P.WS31	8	0.304	41.2	49.5	53.5
	9	0.384	52.2	62.7	67.8
	10	0.474	64.4	77.4	83.7
	11.2	0.595	80.8	97.1	105
	12.5	0.741	101	123	132
	14	0.93	126	153	166
	16	1.21	165	198	214
	18	1.54	209	251	271
	20	1.9	258	310	334
	22.4	2.38	324	388	420
	25	2.97	406	487	528
	28	3.72	512	615	666
	30	4.27	580	696	753
	31.5	4.71	643	772	836
	33.5	5.32	723	868	939
	35.5	5.98	812	975	1060
	37.5	6.67	906	1090	1180
	40	7.59	1030	1240	1340
	42.5	8.57	1170	1390	1510

For
Tower cranes

Our brands

■ For Hoisting

Nuflex (non-rotating rope)

4 strands wire rope

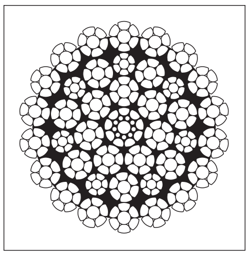
■ For Holding and Closing

(Boom pendant)

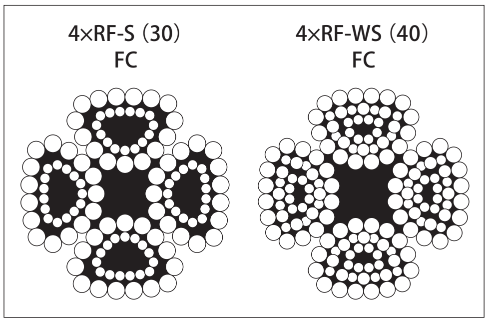
Forming rope

For Hoisting

① Nuflex (non-rotating rope)



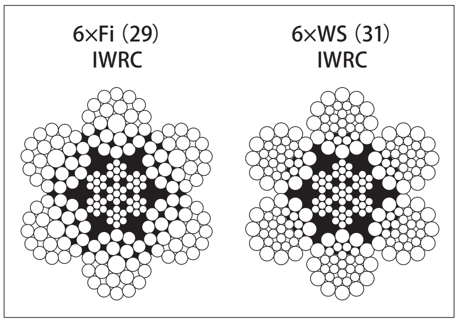
② 4 strands rope



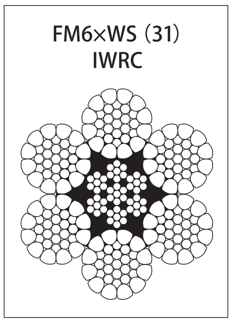
Low costs	①		<	WIN	②
Flexibility	①	WIN	>		②
Long service life	①	WIN	>		②
High Breaking load	①	WIN	>		②
Crushing resistance	①		<	WIN	②

For Holding and Closing (Boom pendant)

③ 6×36 class



④ Forming rope



Low costs	③	WIN	>		④
Flexibility	③	WIN	>		④
Long service life	③		<	WIN	④
High Breaking load	③		<	WIN	④
Crushing resistance	③		<	WIN	④

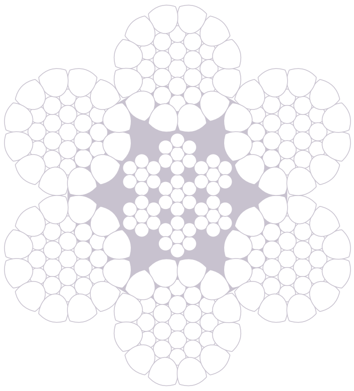
For Hoisting

① CF standard (based on Japanese Industrial Standard)

Nuflex (non-rotating rope)	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)	
			Grade B	Grade T
Nuflex P.S(19)+39×P.7	16	1.28	213	228
	18	1.62	269	288
	20	2	332	355
	22	2.42	402	430
	22.4	2.51	417	446
	24	2.88	478	512
	25	3.12	519	555
	26	3.38	561	601
	28	3.92	651	697
	30	4.5	747	800
	31.5	4.96	824	882
	32	5.12	850	910
	33.5	5.61	932	997
	34	5.78	960	1030
	35.5	6.3	1050	1120
	36	6.48	1080	1150
	37.5	7.03	1170	1250
	38	7.22	1200	1280
	40	8	1330	1420

② CF standard (based on Japanese Industrial Standard)

4 strands rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
4 strands rope 4×RF-S (30)	8	0.24	30	36	38.9
	9	0.304	38	45.5	49.3
	10	0.375	46.9	56.2	60.9
	11.2	0.471	58.7	70.5	76.4
	12	0.54	67.5	80.9	87.7
	12.5	0.586	73.2	87.9	95.1
	14	0.735	91.8	110	120
	16	0.961	120	144	156
	18	1.22	152	182	197
	20	1.5	187	225	243
	22.4	1.88	235	282	306
	25	2.35	293	351	380
	28	2.94	367	440	478
	30	3.38	422	506	548
	31.5	3.72	465	558	604
	32	4.84	480	575	624
	33.5	4.21	526	631	684
	34	4.34	542	650	704
	35.5	4.73	590	708	767
	36	4.86	608	728	789
	37.5	5.28	659	790	856
	38	5.42	677	811	879



② CF standard（based on Japanese Industrial Standard）

4 strands rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
4 strands rope 4×RF-WS (40)	8	0.257	36	43.1	46.8
	9	0.325	45.5	54.6	59.1
	10	0.402	56.2	67.5	73.1
	11.2	0.504	70.5	84.6	91.7
	12	0.578	80.9	97.1	105
	12.5	0.627	87.9	105	114
	14	0.787	110	132	143
	16	1.03	144	173	187
	18	1.3	182	219	236
	20	1.61	225	270	292
	22	1.94	272	327	354
	22.4	2.01	282	338	367
	24	2.31	324	388	421
	25	2.51	351	422	457
	26	2.71	380	456	494
	28	3.14	440	529	573
	30	3.61	506	607	658
	31.5	3.98	558	669	725
	32	4.12	575	691	748
	33.5	4.51	631	757	820
	34	4.65	650	780	845
	35.5	5.06	708	850	921
	36	5.21	728	874	947
	37.5	5.65	790	948	1030
	38	5.8	811	974	1050

■ For Holding and Closing (Boom pendant)

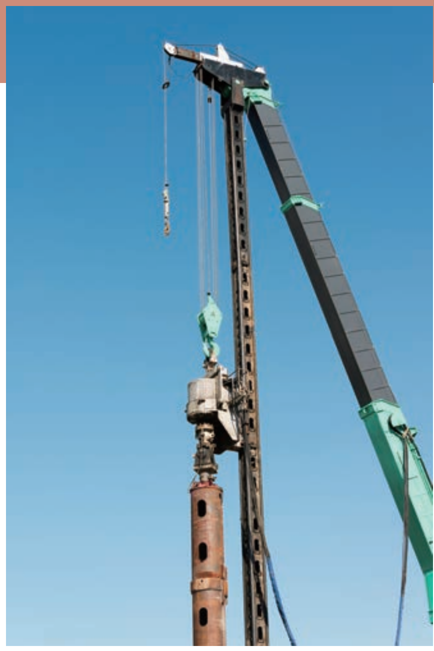
③ CF standard (based on Japanese Industrial Standard)

6×36 class	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
IWRC 6×Fi (29)	8	0.28	42.7	42.7	46.1
IWRC 6×WS (31)	9	0.36	54.7	54.7	59.1
	10	0.44	67.7	67.7	71.1
	11.2	0.552	84.9	84.9	89.2
	12.5	0.688	106	106	111
	14	0.863	133	133	139
	16	1.13	173	173	182
	18	1.43	219	219	230
	20	1.76	271	271	284
	22.4	2.21	340	340	357
	25	2.75	423	423	444
	28	3.45	531	531	558
	30	3.96	609	609	640
	31.5	4.37	672	672	706
	33.5	4.94	760	760	798
	35.5	5.55	853	853	896
	37.5	6.19	952	952	1000
	40	7.04	1080	1080	1140
	42.5	7.95	1220	1220	1280
	45	8.91	1370	1370	1440
	47.5	9.93	1530	1530	1600
	50	11	1690	1690	1780
	53	12.4	1900	1900	2000
	56	13.8	2120	2120	2230
	60	15.8	2440	2440	2560

④ CF standard (based on Japanese Industrial Standard)

Forming rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
FM IWRC 6×P.WS31	8	0.304	41.2	49.5	53.5
	9	0.384	52.2	62.7	67.8
	10	0.474	64.4	77.4	83.7
	11.2	0.595	80.8	97.1	105
	12.5	0.741	101	123	132
	14	0.93	126	153	166
	16	1.21	165	198	214
	18	1.54	209	251	271
	20	1.9	258	310	334
	22.4	2.38	324	388	420
	25	2.97	406	487	528
	28	3.72	512	615	666
	30	4.27	580	696	753
	31.5	4.71	643	772	836
	33.5	5.32	723	868	939
	35.5	5.98	812	975	1060
	37.5	6.67	906	1090	1180
	40	7.59	1030	1240	1340
	42.5	8.57	1170	1390	1510

For Mining, Piling, Drilling, Oilfield&Gas



Our brands

For Hoisting

Nuflex(non-rotating rope)

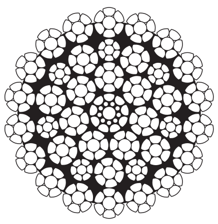
3 strands wire rope

For Holding and Closing

Forming rope

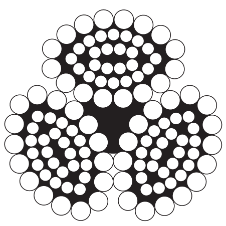
For Hoisting

① Nuflex (non-rotating rope)



② 3 strands wire rope

3×RF-WS (40)
FC

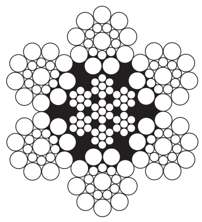


Low costs	①		<	WIN	②
Flexibility	①	WIN	>		②
Long service life	①	WIN	>		②
High Breaking load	①	WIN	>		②
Crushing resistance	①		<	WIN	②

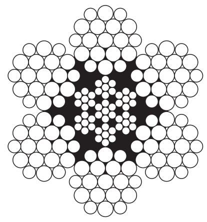
For Holding and Closing

③ 6×19 class

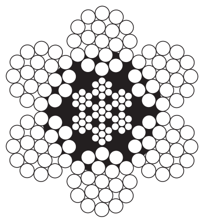
6×S (19)
IWRC



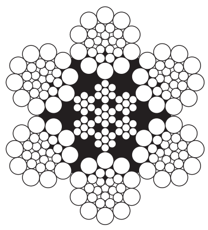
6×W (19)
IWRC



6×Fi (25)
IWRC

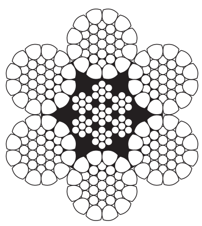


6×WS (26)
IWRC



④ Forming rope

FM6×WS (31)
IWRC



Low costs	③	WIN	>		④
Flexibility	③	WIN	>		④
Long service life	③		<	WIN	④
High Breaking load	③		<	WIN	④
Crushing resistance	③		<	WIN	④

For Hoisting

① CF standard (based on Japanese Industrial Standard)

Nuflex (non-rotating rope)	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)	
			Grade B	Grade T
Nuflex P.S(19)+39×P.7	16	1.28	213	228
	18	1.62	269	288
	20	2	332	355
	22	2.42	402	430
	22.4	2.51	417	446
	24	2.88	478	512
	25	3.12	519	555
	26	3.38	561	601
	28	3.92	651	697
	30	4.5	747	800
	31.5	4.96	824	882
	32	5.12	850	910
	33.5	5.61	932	997
	34	5.78	960	1030
	35.5	6.3	1050	1120
	36	6.48	1080	1150
	37.5	7.03	1170	1250
	38	7.22	1200	1280
	40	8	1330	1420

② CF standard (based on Japanese Industrial Standard)

3 strands wire rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
3 strands rope 3×RF-WS (40)	10	0.45	66.1	79.3	85.9
	11.2	0.564	82.9	99	108
	12	0.648	95.2	114	124
	12.5	0.703	103	124	134
	14	0.882	129	156	169
	16	1.15	170	203	220
	18	1.46	214	257	279
	20	1.8	265	318	343
	22.4	2.26	331	398	431
	25	2.81	413	496	537
	28	3.53	518	622	674
	30	4.05	595	714	774
	31.5	4.47	656	787	852
	32	4.61	677	812	880
	33.5	5.05	741	890	964
	34	5.2	764	917	993
	35.5	5.67	842	1000	1080
	36	5.83	857	1030	1110
	37.5	6.33	930	1120	1210
	38	6.5	954	1150	1240

For Holding and Closing

③ CF standard (based on Japanese Industrial Standard)

6×19 class	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
IWRC 6×S (19) IWRC 6×W (19) IWRC 6×Fi (25) IWRC 6×WS (26)	8	0.276	41.8	41.8	45.1
	9	0.355	53.5	53.5	57.7
	10	0.43	66.2	66.2	69.5
	11.2	0.539	83	83	87.2
	12.5	0.672	103	103	109
	14	0.843	130	130	136
	16	1.1	169	169	178
	18	1.39	214	214	225
	20	1.72	265	265	278
	22.4	2.16	332	332	349
	25	2.69	414	414	435
	28	3.37	519	519	545
	30	3.87	596	596	626
	31.5	4.27	657	657	690
	33.5	4.83	743	743	780
	35.5	5.42	834	834	876
	37.5	6.05	931	931	978
	40	6.88	1060	1060	1110

④ CF standard (based on Japanese Industrial Standard)

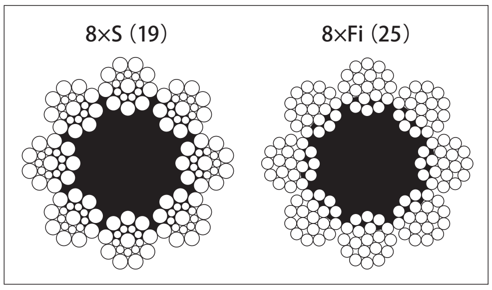
Forming rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
FM IWRC 6×P.WS31	8	0.304	41.2	49.5	53.5
	9	0.384	52.2	62.7	67.8
	10	0.474	64.4	77.4	83.7
	11.2	0.595	80.8	97.1	105
	12.5	0.741	101	123	132
	14	0.93	126	153	166
	16	1.21	165	198	214
	18	1.54	209	251	271
	20	1.9	258	310	334
	22.4	2.38	324	388	420
	25	2.97	406	487	528
	28	3.72	512	615	666
	30	4.27	580	696	753
	31.5	4.71	643	772	836
	33.5	5.32	723	868	939
	35.5	5.98	812	975	1060
	37.5	6.67	906	1090	1180
	40	7.59	1030	1240	1340
	42.5	8.57	1170	1390	1510

For Elevators

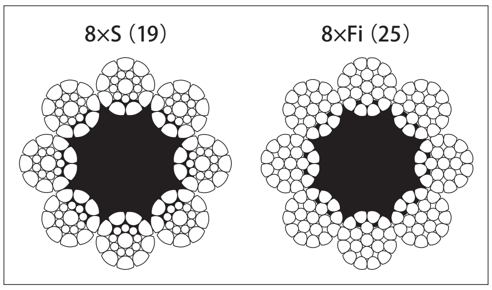
Our brands

8×S (19)
8×Fi (25)
8×P.S (19)
8×P.Fi (25)

① 8 strands wire rope



② Forming rope



Low costs	①	WIN	>		②
Flexibility	①	WIN	>		②
Long service life	①		<	WIN	②
High Breaking load	①		<	WIN	②
Crushing resistance	①		<	WIN	②

① CF standard (based on Japanese Industrial Standard)

8 strands wire rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)			
			Galvanized	Bright		
			Grade G	Grade E	Grade A	Grade B
8×S (19)	8	0.22	27.9	26	30.8	32.8
	9.5	0.31	39.4	36.6	43.4	46.3
8×Fi (25)	10	0.343	43.6	40.6	48.1	51.3
	11.2	0.43	54.7	50.9	60.4	64.3
	12	0.494	62.8	58.5	69.3	73.8
	12.7	0.553	70.4	65.5	77.6	82.7
	14	0.672	85.5	79.6	94.3	101
	16	0.878	112	104	123	131
	18	1.11	141	132	156	166
	20	1.37	175	162	193	205

② CF standard (based on Japanese Industrial Standard)

Forming rope	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)			
			Galvanized	Bright		
			Grade G	Grade E	Grade A	Grade B
8×P.S (19)	8	0.24	30.7	28.6	33.8	36.1
	10	0.374	48	44.7	52.9	56.4
8×P.Fi (25)	11.2	0.47	60.2	56	66.3	70.7
	12	0.539	69.1	64.3	76.1	81.2
	12.5	0.585	75	69.8	82.6	88.1
	14	0.734	94	87.5	104	110
	16	0.958	123	114	135	144
	18	1.21	155	145	171	183
	20	1.5	192	179	211	225
	22.4	1.88	241	224	265	283
	25	2.34	300	279	330	352

For

General wire rope, Other construction machines (Hoists and Marine rigging etc...)

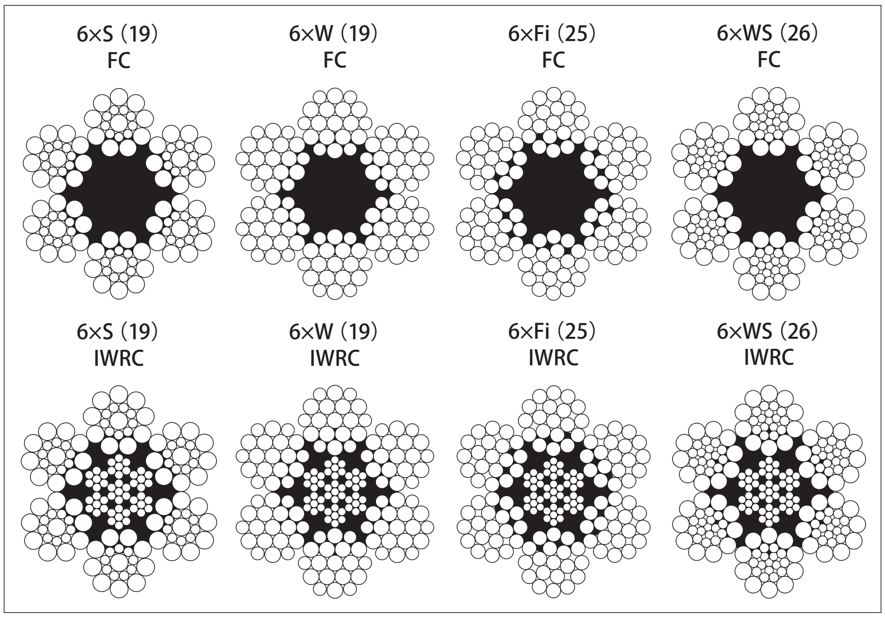
Our brands

6×19 class

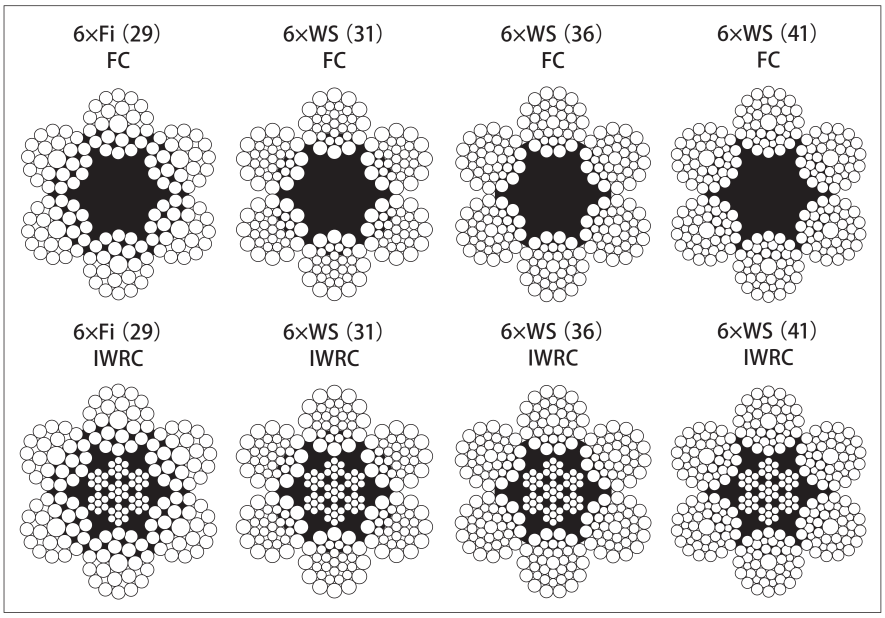
6×36 class

Twisting threads : right or left
Regular lay or Lang lay
Core:IWRC or FC (fiber core)
Material : steel or galvanized or alloyed steel (Zn and Al)
If there are wire rope configurations or
rope diameters not listed in this catalog,
please let us know and we will respond.

① 6×19 class



② 6×36 class



① CF standard (based on Japanese Industrial Standard)

6×19 class	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)			
			Galvanized	Bright		
			Grade G	Grade E	Grade A	Grade B
6×S (19)	6	0.139	19.6	19.6	20.9	22
6×W (19)	6.3	0.153	21.6	21.6	23	24.2
6×Fi (25)	8	0.247	34.9	34.9	37.2	39.1
6×WS (26)	9	0.312	44.1	44.1	47	49.5
	10	0.386	54.5	54.5	58.1	61.1
	11.2	0.484	68.3	68.3	72.8	76.6
	12	0.556	78.4	78.4	83.6	88
	12.5	0.603	85.1	85.1	90.7	95.4
	14	0.756	107	107	114	120
	16	0.988	139	139	149	156
	18	1.25	176	176	188	198
	20	1.54	218	218	232	244
	22.4	1.94	273	273	291	306
	25	241	340	340	363	382
	28	3.02	-	-	455	479
	30	3.47	-	-	523	550
	31.5	3.83	-	-	576	606
	33.5	4.33	-	-	652	685
	35.5	4.86	-	-	732	770
	37.5	5.43	-	-	816	859
	40	6.17	-	-	929	977

① CF standard (based on Japanese Industrial Standard)

6×19 class	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
6×S (19) IWRC	8	0.276	41.8	41.8	45.1
6×W (19) IWRC	9	0.355	53.5	53.5	57.7
6×Fi (25) IWRC	10	0.43	66.2	66.2	69.5
6×WS (26) IWRC	11.2	0.539	83	83	87.2
	12.5	0.672	103	103	109
	14	0.843	130	130	136
	16	1.1	169	169	178
	18	1.39	214	214	225
	20	1.72	265	265	278
	22.4	2.16	332	332	349
	25	2.69	414	414	435
	28	3.37	519	519	545
	30	3.87	596	596	626
	31.5	4.27	657	657	690
	33.5	4.83	743	743	780
	35.5	5.42	834	834	876
	37.5	6.05	931	931	978
	40	6.88	1060	1060	1110

② CF standard (based on Japanese Industrial Standard)

6×36 class	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
6×Fi (29)	8	0.253	37.9	37.9	39.9
	9	0.321	48	48	50.4
6×WS (31)	10	0.396	59.2	59.2	62.3
	11.2	0.496	74.3	74.3	78.1
6×WS (36)	12.5	0.618	92.5	92.5	97.3
	14	0.776	116	116	122
6×WS (41)	16	1.01	152	152	159
	18	1.28	192	192	202
	20	1.58	237	237	249
	22.4	1.99	297	297	312
	25	2.47	370	370	389
	28	3.1	464	464	488
	30	3.56	533	533	560
	31.5	3.93	588	588	618
	33.5	4.44	665	665	699
	35.5	4.99	746	746	785
	37.5	5.57	833	833	876
	40	6.33	948	948	996
	42.5	7.15	1070	1070	1120
	45	8.01	1200	1200	1260
	47.5	8.93	1340	1340	1400
	50	9.9	1480	1480	1560
	53	11.1	1660	1660	1750
	56	12.4	1860	1860	1950
	60	14.2	2130	2130	2240

② CF standard (based on Japanese Industrial Standard)

6×36 class	Nominal diameter (mm)	Weight (kg/m)	Minimum breaking load (KN)		
			Galvanized	Bright	
			Grade G	Grade B	Grade T
6×Fi (29) IWRC	8	0.28	42.7	42.7	46.1
	9	0.36	54.7	54.7	59.1
6×WS (31) IWRC	10	0.44	67.7	67.7	71.1
	11.2	0.552	84.9	84.9	89.2
6×WS (36) IWRC	12.5	0.688	106	106	111
6×WS (41) IWRC	14	0.863	133	133	139
	16	1.13	173	173	182
	18	1.43	219	219	230
	20	1.76	271	271	284
	22.4	2.21	340	340	357
	25	2.75	423	423	444
	28	3.45	531	531	558
	30	3.96	609	609	640
	31.5	4.37	672	672	706
	33.5	4.94	760	760	798
	35.5	5.55	853	853	896
	37.5	6.19	952	952	1000
	40	7.04	1080	1080	1140
	42.5	7.95	1220	1220	1280
	45	8.91	1370	1370	1440
	47.5	9.93	1530	1530	1600
	50	11	1690	1690	1780
	53	12.4	1900	1900	2000
	56	13.8	2120	2120	2230
	60	15.8	2440	2440	2560

Note

最高品質

We will continue to seek improvement in quality.

CERTIFICATE OF INSPECTION FOR WIRE ROPE

15 February, 2019

TO:

〒598-0062
5-13-24, SHIMOKAWARAYA,
IZUMISANO-city, OSAKA, JAPAN
C.F.WIREROPE, LTD

Details of wire rope

Construction:	IWRC 6xWS31 O/O 18mm Cgrade
Specification:	CF Specification (JIS G3525)
Mfg. No :	CF50022

Test&Inspection

Actual rope dia. :	19.16 mm		
Specification breaking force	222.5 KN	Actual breaking force	234 KN
Rope twist pitch :	167 mm		

Examination : 9 December, 2018

This is to certify that above paticulars are correct

Chief Inspector :

We will continue to seek improvement in quality.

5-13-24, Shimokawaraya, Izumisano-city, Osaka,Japan
TEL:+81-724-62-2674 FAX:+81-724-62-4674 E-mail:nakano@cfw.co.jp