



BRIDON

Crane and Industrial

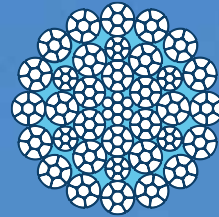
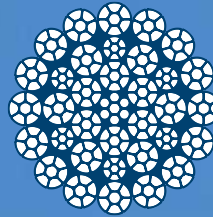
Wire rope solutions for the world's
most demanding applications

www.bridon.com



BRIDON

Endurance Dyform 34LR/PI Galvanized



Benefits:

- Low rotation
- Recommended for high lifting operations
- High breaking force
- Reduced rope sheave wear
- Accurate diameter, recommended for multi-layer spooling
- Suitable for single part and multi-part reeving
- Long service life
- Crush resistant
- Reduced down time
- Resistance to bending fatigue
- Reduced elongation

High Performance Crane Ropes

The Bridon Endurance brand - High quality performance wire ropes for the lifting industry.

Our world leading manufacturing capabilities are accompanied by a high level of quality assurance and in-house expertise in research and development and design engineering.

Applications

Telescopic mobile cranes

Mobile lattice boom cranes

Tower cranes

Offshore pedestal cranes

Dockside cranes

Mobile harbour cranes

Floating cranes

Ship cranes

Overhead hoists/gantry cranes

Piling ropes



Endurance Dyform 34LR/PI (Galvanized)

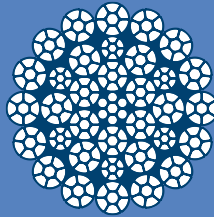
Diameter		Nominal length mass		Minimum Breaking Force						Axial stiffness @20% load	Torque generated @20% load		Metallic cross section
				EIP/1960			EEIP/2160				Ordinary	Lang's	
mm	inch	kg/m	lb/ft	kN	Tons (short)	Tons (metric)	kN	Tons (short)	Tons (metric)	MN	Nm	Nm	mm²
	3/8	0.454	0.305	83.6	9.39	8.52	88.1	9.90	8.98	5.26	1.21	2.77	52.7
10.0		0.500	0.336	92.1	10.3	9.39	97.1	10.9	9.90	5.80	1.40	3.20	58.1
11.0		0.610	0.410	111	12.4	11.3	117	13.1	11.9	7.02	1.86	4.26	70.3
	7/16	0.610	0.410	111	12.4	11.3	117	13.1	11.9	7.16	1.92	4.39	71.7
12.0		0.720	0.484	133	14.9	13.5	139	15.6	14.1	8.35	2.42	5.53	83.7
	1/2	0.808	0.543	149	16.7	15.1	156	17.5	15.9	9.35	2.87	6.56	93.7
13.0		0.850	0.571	156	17.5	15.9	164	18.4	16.7	9.80	3.08	7.03	98.2
14.0		0.980	0.659	181	20.3	18.4	190	21.3	19.3	11.4	3.84	8.78	114
	9/16	1.02	0.687	188	21.1	19.1	198	22.2	20.1	11.8	4.08	9.33	119
15.0		1.13	0.759	207	23.2	21.1	218	24.5	22.2	13.1	4.73	10.8	131
	5/8	1.28	0.860	236	26.5	24.0	244	27.4	24.8	14.6	5.60	12.8	146
16.0		1.28	0.860	236	26.5	24.0	248	27.8	25.2	14.8	5.73	13.1	149
17.0		1.45	0.974	266	29.8	27.1	280	31.4	28.5	16.8	6.88	15.7	168
18.0		1.62	1.09	298	33.4	30.3	314	35.2	32.0	18.8	8.17	18.7	188
19.0		1.81	1.22	333	37.4	33.9	350	39.3	35.6	20.9	9.60	22.0	210
	3/4	1.81	1.22	333	37.4	33.9	350	39.3	35.6	21.0	9.68	22.1	211
20.0		2.00	1.34	368	41.3	37.5	388	43.6	39.5	23.2	11.2	25.6	232
21.0		2.21	1.49	406	45.6	41.4	428	48.1	43.6	25.6	13.0	29.6	256
22.0		2.42	1.63	446	50.1	45.4	469	52.7	47.8	28.1	14.9	34.1	281
	7/8	2.42	1.63	446	50.1	45.4	469	52.7	47.8	28.6	15.4	35.1	287
23.0		2.65	1.78	487	54.7	49.6	513	57.6	52.3	30.7	17.0	38.9	307
24.0		2.88	1.94	531	59.6	54.1	559	62.8	57.0	33.4	19.4	44.2	335
25.0		3.13	2.10	576	64.7	58.7	606	68.1	61.7	36.3	21.9	50.0	363
	1.0	3.23	2.17	594	66.7	60.5	626	70.3	63.8	37.4	22.9	52.4	375
26.0		3.38	2.27	623	70.0	63.5	656	73.7	66.8	39.2	24.6	56.2	393
27.0		3.65	2.45	672	75.5	68.5	707	79.4	72.0	42.3	27.6	63.0	424
28.0		3.92	2.63	722	81.1	73.6	760	85.4	77.4	45.5	30.7	70.3	456
	1.1	4.09	2.75	752	84.5	76.6	792	89.0	80.7	47.4	32.7	74.7	474
29.0		4.21	2.83	775	87.1	79.0	816	91.7	83.2	48.8	34.1	78.1	489
30.0		4.50	3.02	829	93.1	84.5	873	98.1	89.0	52.2	37.8	86.4	523
	1.3	5.12	3.44	943	105	96.1	978	109	99.7	58.5	44.8	102	586
32.0		5.12	3.44	943	105	96.1	993	111	101	59.4	45.9	105	595
34.0		5.78	3.88	1060	119	108				67.0	55.0	126	672
	1.4	6.11	4.10	1120	125	114				70.7	59.6	136	709
35.0		6.13	4.12	1120	125	114				71.1	60.0	137	712
36.0		6.48	4.35	1190	133	121				75.2	65.3	149	753
38.0		7.22	4.85	1330	149	135				83.8	76.8	176	839
	1.5	7.27	4.88	1330	149	135				84.2	77.4	177	843
40.0		8.00	5.38	1470	165	149				92.8	89.6	205	930
	1.6	8.53	5.73	1560	175	159				98.8	98.4	225	990
42.0		8.82	5.93	1620	182	165				102	104	237	1020
44.0		9.68	6.50	1780	200	181				112	119	273	1120
	1.8	9.89	6.65	1780	200	181				115	123	281	1150
46.0		10.6	7.12	1940	218	197				123	136	311	1230
	1.9	11.4	7.63	2110	237	215				132	151	346	1320
48.0		11.5	7.73	2110	237	215				134	155	354	1340
50.0		12.5	8.40	2290	257	233				145	175	400	1450
	2.0	12.9	8.68	2370	266	241				150	184	420	1500
52.0		13.5	9.07	2480	278	252				157	197	450	1570
	2.1	14.6	9.80	2670	300	272				169	220	503	1690
54.0		14.6	9.81	2670	300	272				169	220	504	1690
56.0		15.7	10.5	2880	323	293				182	246	562	1820
	2.3	16.4	11.0	3000	337	305				189	261	597	1900
58.0		16.8	11.3	3090	347	315				195	273	624	1950
60.0		18.0	12.1	3250	365	331				209	302	691	2090
	2.4	18.2	12.2	3250	365	331				211	307	703	2110
62.0		19.2	12.9	3470	390	353				223	334	763	2230
	2.5	20.2	13.6	3690	414	376				234	358	819	2340
64.0		20.5	13.8	3690	414	376				238	367	839	2380
66.0		21.8	14.6	3930	441	400				253	403	920	2530
	2.6	22.3	15.0	3930	441	400				258	415	949	2580
68.0		23.1	15.5	4030	452	410				268	440	1010	2690
	2.8	24.4	16.4	4270	479	435				283	477	1090	2830
70.0		24.5	16.5	4270	479	435				284	480	1100	2850
72.0		25.9	17.4	4520	508	460				301	523	1190	3010
	2.9	26.7	17.9	4650	522	474				309	545	1250	3100
74.0		27.4	18.4	4770	536	486				318	567	1300	3180
76.0		28.9	19.4	5040	566	513				335	615	1400	3360
	3.0	29.1	19.5	5040	566	513				337	619	1420	3370

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BRIDON

Endurance Dyform 34LR Max



Benefits:

- Low rotation
- Recommended for high lifting operations
- High breaking force
- Reduced rope sheave wear
- Accurate diameter, recommended for multi-layer spooling
- Suitable for single part and multi-part reeving
- Long service life
- Resistance to bending fatigue
- Reduced elongation

High Performance Crane Ropes

The Bridon Endurance brand - High quality performance wire ropes for the lifting industry.

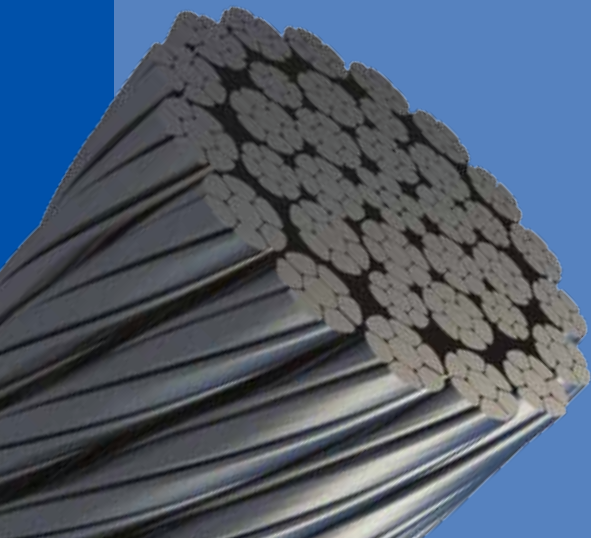
Our world leading manufacturing capabilities are accompanied by a high level of quality assurance and in-house expertise in research and development and design engineering.

Applications

Telescopic mobile cranes
Mobile lattice boom cranes
Tower cranes
Offshore pedestal cranes
Dockside cranes
Mobile harbour cranes
Floating cranes
Ship cranes
Overhead hoists/gantry cranes
Piling ropes



ENDURANCE DYFORM 34LR MAX



Endurance Dyform 34LR Max

Diameter		Nominal length mass		Minimum Breaking Force		
				MAX		
mm	inch	kg/m	lb/ft	kN	Tons (short)	Tons (metric)
12.0		.740	.498	153	17.2	15.6
	1/2	.842	.566	171	19.2	17.4
13.0		.887	.596	179	20.1	18.3
14.0		1.04	.702	208	23.4	21.2
	9/16	1.09	.733	216	24.3	22.0
15.0		1.21	.814	239	26.9	24.4
	5/8	1.37	.919	272	30.6	27.7
16.0		1.37	.919	272	30.6	27.7
17.0		1.58	1.06	307	34.5	31.3
18.0		1.78	1.20	344	38.7	35.1
19.0		1.99	1.34	385	43.3	39.3
	3/4	1.99	1.34	385	43.3	39.3
20.0		2.21	1.49	424	47.7	43.2
22.0		2.69	1.81	524	58.9	53.4
	7/8	2.69	1.81	524	58.9	53.4
24.0		3.20	2.15	611	68.7	62.3
	1	3.36	2.26	684	76.9	69.7
26.0		3.56	2.39	705	79.2	71.9
28.0		4.11	2.76	814	91.5	83.0
	1 1/8	4.55	3.06	848	95.3	86.5
30.0		5.02	3.37	935	105	95.3
	1 1/4	5.57	3.74	1085	122	111
32.0		5.57	3.74	1085	122	111
34.0		6.32	4.25	1180	133	120
	1 3/8	6.79	4.56	1240	139	126
36.0		7.11	4.78	1320	148	135
38.0		7.95	5.34	1480	166	151
	1 1/2	8.07	5.42	1480	166	151
40.0		8.82	5.93	1630	183	166
	1 5/8	9.46	6.36	1730	194	176
42.0		9.72	6.53	1780	200	182
44.0		10.6	7.12	1930	217	197
	1 3/4	10.8	7.29	1930	217	197
46.0		11.6	7.77	2120	238	216
	1 7/8	12.4	8.30	2300	259	235
48.0		12.6	8.44	2300	259	235
50.0		13.6	9.17	2500	281	255
	2	14.0	9.43	2560	288	261
52.0		14.9	10.0	2720	306	277

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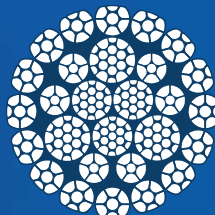
NEW



BRIDON

Endurance

Dyform 28 HML MAX



Benefits:

- Provides up to 20% greater fatigue performance (Based on internal tests)
- Dimensional stability
- Crush resistant
- Robust and stable core
- Tightly controlled diameter tolerance

High Performance Crane Ropes

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Applications

Telescopic mobile cranes

Mobile lattice boom cranes

Tower cranes

Offshore pedestal cranes

Dockside cranes

Mobile harbour cranes

Floating cranes

Ship cranes

Overhead hoists/gantry cranes

Piling ropes



ENDURANCE DYFORM 28 HML MAX

Endurance Dyform 28 HML MAX

Diameter		Approximate Mass		Minimum Breaking Force	
				MAX	
mm	inch	kg/m	lb/ft	kN	Tons
15		0.363	0.799	239	26.9
17		0.466	1.03	307	34.5
18		0.522	1.15	344	38.7
20		0.645	1.42	424	47.7
21		0.711	1.57	468	52.6
22		0.780	1.72	524	58.9
	7/8	0.796	1.75	524	58.9
23		0.853	1.88	561	63.1
25		1.01	2.22	663	74.5
	1	1.03	2.26	684	76.9
26		1.09	2.39	705	79.2
28		1.25	2.76	814	91.5
	1 1/8	1.32	2.90	848	95.3
30		1.45	3.20	935	105
32	1 1/4	1.64	3.74	1,085	122

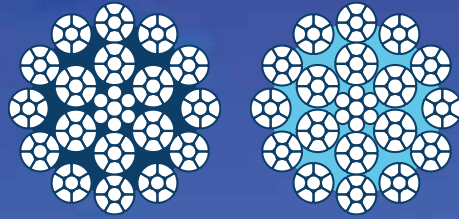
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BRIDON



Endurance Dyform 18/PI



Benefits:

- High breaking force
- Rotation resistant
- Reduced sheave wear
- Long service life
- Reduced downtime

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Endurance Dyform 18/PI

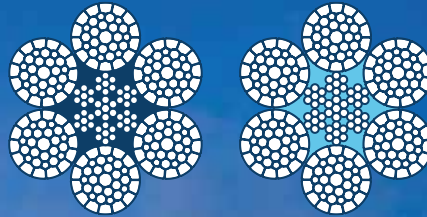
Diameter		Nominal length mass		Minimum Breaking Force			Axial stiffness @20% load	Torque generated @20% load		Metallic cross section
				Dyform				Ordinary	Lang's	
mm	inch	kg/m	lb/ft	kN	Tons (short)	Tons (metric)	MN	Nm	Nm	mm²
	3/8	0.454	0.305	76.6	8.61	7.81	4.82	4.42	6.46	50.6
10.0		0.500	0.336	84.4	9.49	8.61	5.31	5.11	7.48	55.8
11.0		0.605	0.407	104	11.7	10.6	6.43	6.80	9.97	67.5
	7/16	0.617	0.415	104	11.7	10.6	6.56	7.01	10.3	68.9
12.0		0.720	0.484	122	13.7	12.4	7.65	8.83	13.0	80.3
	1/2	0.806	0.542	136	15.3	13.9	8.56	10.5	15.4	90.0
13.0		0.845	0.568	143	16.1	14.6	8.97	11.2	16.5	94.3
14.0		0.980	0.659	165	18.5	16.8	10.4	14.0	20.6	109
	9/16	1.02	0.686	172	19.3	17.5	10.8	14.9	21.9	114
15.0		1.13	0.756	190	21.4	19.4	11.9	17.2	25.4	126
	5/8	1.26	0.847	216	24.3	22.0	13.4	20.4	30.1	141
16.0		1.28	0.860	216	24.3	22.0	13.6	20.9	30.8	143
17.0		1.45	0.971	244	27.4	24.9	15.3	25.1	37.0	161
18.0		1.62	1.09	274	30.8	27.9	17.2	29.8	43.9	181
19.0		1.81	1.21	306	34.4	31.2	19.2	35.3	52.1	201
	3/4	1.81	1.22	306	34.4	31.2	19.3	35.3	52.1	202
20.0		2.00	1.34	337	37.9	34.4	21.2	40.8	60.3	223
21.0		2.21	1.48	372	41.8	37.9	23.4	47.3	69.9	246
22.0		2.42	1.63	416	46.8	42.4	25.7	54.4	80.3	270
	7/8	2.47	1.66	416	46.8	42.4	26.2	56.0	82.8	276
23.0		2.65	1.78	446	50.1	45.5	28.1	62.1	91.8	295
24.0		2.88	1.94	486	54.6	49.6	30.6	70.6	104	321
25.0		3.13	2.10	527	59.2	53.7	33.2	79.8	118	349
	1	3.23	2.17	544	61.1	55.5	34.3	83.6	124	360
26.0		3.38	2.27	570	64.1	58.1	35.9	89.7	133	377
27.0		3.65	2.45	615	69.1	62.7	38.7	100	149	407
28.0		3.92	2.63	661	74.3	67.4	41.6	112	166	437
	1 1/8	4.08	2.74	688	77.3	70.2	43.4	119	176	455
29.0		4.21	2.83	709	79.7	72.3	44.7	124	184	469
30.0		4.50	3.02	759	85.3	77.4	47.8	138	204	502
	1 1/4	5.04	3.39	863	97.0	88.0	53.5	163	242	562
32.0		5.12	3.44	863	97.0	88.0	54.4	167	248	571
34.0		5.78	3.88	975	110	99.4	61.4	201	297	645
	1 3/8	6.10	4.10	1030	116	105	64.8	217	322	680
36.0		6.48	4.35	1090	123	111	68.8	238	353	723
38.0		7.22	4.85	1210	136	123	76.7	280	415	805
	1 1/2	7.26	4.88	1210	136	123	77.1	282	419	810

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BRIDON

Endurance Dyform 6/PI



Benefits:

- Exceptional service life
- Robust crush resistant Dyform construction
- Accurate diameter recommended for multi-layer spooling
- Long life, reduced lifetime costs



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Applications

Telescopic mobile cranes
Mobile lattice boom cranes
Tower cranes
Offshore pedestal cranes
Dockside cranes
Mobile harbour cranes

Floating cranes
Ship cranes
Ship to shore container cranes
Bulk unloader cranes
Overhead hoists/gantry cranes
Steel works ladle cranes
Piling ropes
Container handling cranes

Endurance Dyform 6/PI

Diameter		Nominal length mass		Minimum Breaking Force						Axial stiffness @20% load	Torque generated @20% load		Metallic cross section
				EIP/1960			EEIP/2160				Ordinary	Lang's	
mm	inch	kg/m	lb/ft	kN	Tons (short)	Tons (metric)	kN	Tons (short)	Tons (metric)	MN	Nm	Nm	mm²
	5/16	0.289	0.194	55.2	6.20	5.63	57.5	6.46	5.86	3.43	5.66	9.00	33.2
8.00		0.294	0.197	55.2	6.20	5.63	57.5	6.46	5.86	3.49	5.79	9.22	33.7
9.00		0.372	0.250	69.9	7.86	7.13	72.8	8.18	7.42	4.41	8.25	13.1	42.7
	3/8	0.416	0.280	78.2	8.79	7.97	81.5	9.16	8.31	4.94	9.79	15.6	47.8
10.0		0.459	0.308	86.2	9.69	8.79	89.9	10.1	9.17	5.45	11.3	18.0	52.7
11.0		0.555	0.373	106	11.9	10.8	109	12.3	11.1	6.59	15.1	24.0	63.7
	7/16	0.567	0.381	106	11.9	10.8	109	12.3	11.1	6.73	15.6	24.7	65.0
12.0		0.661	0.444	124	13.9	12.6	129	14.5	13.2	7.84	19.6	31.1	75.9
		1/2	0.740	0.497	136	15.3	13.9	145	16.3	14.8	8.79	23.2	36.9
13.0		0.776	0.521	142	16.0	14.5	152	17.1	15.5	9.21	24.9	39.5	89.0
14.0		0.900	0.605	165	18.5	16.8	176	19.8	17.9	10.7	31.1	49.4	103
	9/16	0.937	0.630	172	19.3	17.5	183	20.6	18.7	11.1	33.1	52.5	108
15.0		1.03	0.694	190	21.4	19.4	202	22.7	20.6	12.3	38.3	60.8	119
		5/8	1.16	0.777	212	23.8	21.6	230	25.9	23.5	13.7	45.4	72.0
16.0		1.18	0.790	212	23.8	21.6	230	25.9	23.5	13.9	46.5	73.7	135
17.0		1.33	0.891	239	26.9	24.4	260	29.2	26.5	15.7	55.8	88.4	152
18.0		1.49	1.00	268	30.1	27.3	291	32.7	29.7	17.6	66.3	105	171
19.0		1.66	1.11	299	33.6	30.5	324	36.4	33.0	19.7	77.9	123	190
	3/4	1.67	1.12	299	33.6	30.5	324	36.4	33.0	19.8	78.6	124	191
20.0		1.84	1.23	331	37.2	33.8	359	40.4	36.6	21.8	90.9	144	211
22.0		2.22	1.49	401	45.1	40.9	435	48.9	44.4	26.4	121	192	255
	7/8	2.27	1.52	401	45.1	40.9	435	48.9	44.4	26.9	125	198	260
24.0		2.64	1.78	477	53.6	48.6	518	58.2	52.8	31.4	157	249	303
		1	2.96	1.99	534	60.0	54.5	580	65.2	59.1	35.1	186	295
26.0		3.10	2.09	560	62.9	57.1	607	68.2	61.9	36.8	200	316	356
28.0		3.60	2.42	649	73.0	66.2	704	79.1	71.8	42.7	250	395	413
	1 1/8	3.75	2.52	676	76.0	68.9	734	82.5	74.8	44.5	265	420	430
30.0		4.13	2.78	745	83.7	76.0	809	90.9	82.5	49.0	307	486	474
		1 1/4	4.63	3.11	848	95.3	86.5	920	103	93.8	54.9	364	576
32.0		4.70	3.16	848	95.3	86.5	920	103	93.8	55.8	373	590	539
34.0		5.31	3.57	957	108	97.6	1040	117	106	63.0	447	707	609
	1 3/8	5.60	3.76	1010	114	103	1100	124	112	66.4	485	767	643
36.0		5.95	4.00	1070	120	109	1160	130	118	70.6	531	840	683
38.0		6.63	4.45	1200	135	122	1300	146	133	78.7	625	988	761
	1 1/2	6.66	4.48	1200	135	122	1300	146	133	79.1	629	996	765
40.0		7.34	4.93	1320	148	135	1440	162	147	87.2	728	1150	843
		1 5/8	7.82	5.25	1410	158	144				92.8	800	1270
42.0		8.10	5.44	1460	164	149				96.1	843	1330	929
44.0		8.89	5.97	1600	180	163				105	970	1530	1020
	1 3/4	9.07	6.09	1600	180	163				108	1000	1580	1040
46.0		9.71	6.53	1750	197	178				115	1110	1750	1110
		1 7/8	10.4	7.00	1910	215	195				124	1230	1940
48.0		10.6	7.11	1910	215	195				125	1260	1990	1210
50.0		11.5	7.71	2070	233	211				136	1420	2250	1320

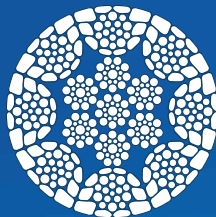
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NEW



BRIDON

Endurance Dyform 8 Max



Benefits:

- Higher MBF than CTX
- Superior crush resistance
- Better fatigue life
- Excellent service life
- Lower downtime
- Recommended multi-layer spooling



High Performance Crane Ropes

The Bridon Endurance brand - High quality performance wire ropes for the lifting industry.

Our world leading manufacturing capabilities are accompanied by a high level of quality assurance and in-house expertise in research and development and design engineering.

Applications

Telescopic mobile cranes

Mobile lattice boom cranes

Tower cranes

Offshore pedestal cranes

Dockside cranes

Mobile harbour cranes

Floating cranes

Ship cranes

Ship to shore container cranes

Overhead hoists/gantry cranes

Steel works ladle cranes

Container handling cranes

ENDURANCE DYFORM 8 MAX



Endurance Dyform 8 Max

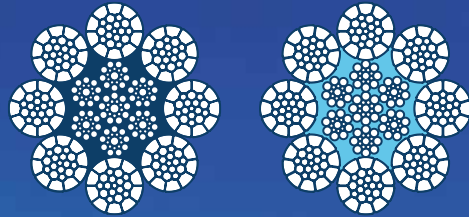
Diameter		Nominal length mass		Minimum Breaking Force		
				MAX		
mm	inch	kg/m	lbs/ft	kN	Tons (short)	Tons (metric)
24.0	1	2.88	1.94	544	61.1	55.5
		3.23	2.17	610	68.6	62.2
26.0		3.38	2.27	639	71.8	65.2
28.0	1 1/8	3.92	2.64	741	83.3	75.6
		4.09	2.75	773	86.9	78.8
30.0		4.50	3.03	851	95.7	86.8
	1 1/4	5.04	3.39	968	109	98.7
32.0		5.12	3.44	968	109	98.7

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BRIDON

Endurance Dyform 8/PI



Benefits:

- Excellent service life
- Lower downtime
- Flexible eight strand construction
- High temperature lubricant available
- Robust crush resistant Dyform construction
- Recommended for multi-layer spooling
- Reduced lifetime costs

High Performance Crane Ropes

The Bridon Endurance brand - High quality performance wire ropes for the lifting industry.

Our world leading manufacturing capabilities are accompanied by a high level of quality assurance and in-house expertise in research and development and design engineering.

Applications

Mobile lattice boom cranes

Ship cranes

Ship to shore container cranes

Overhead hoists/gantry cranes

Steel works ladle cranes

Container handling cranes



ENDURANCE DYFORM 8/PI



Endurance Dyform 8/PI

Diameter		Nominal length mass		Minimum Breaking Force						Axial stiffness @20% load	Torque generated @20% load		Metallic cross section
				EIP/1960			EEIP/2160				Ordinary	Lang's	
mm	inch	kg/m	lb/ft	kN	Tons (short)	Tons (metric)	kN	Tons (short)	Tons (metric)	MN	Nm	Nm	mm²
	3/8	0.427	0.287	86.2	9.69	8.79				4.83	10.6	13.8	48.5
10.0		0.471	0.316	89.2	10.00	9.10				5.32	12.3	15.9	53.4
11.0		0.570	0.383	110	12.4	11.2				6.44	16.4	21.2	64.6
	7/16	0.582	0.391	110	12.4	11.2				6.57	16.9	21.9	65.9
12.0		0.678	0.456	128	14.4	13.1				7.66	21.3	27.5	76.9
	1/2	0.760	0.510	144	16.2	14.7				8.58	25.3	32.6	86.1
13.0		0.796	0.535	150	16.9	15.3				8.99	27.1	35.0	90.3
14.0		0.923	0.620	174	19.6	17.7				10.4	33.8	43.7	105
	9/16	0.961	0.646	181	20.3	18.5				10.9	36.0	46.4	109
15.0		1.06	0.712	198	22.3	20.2				12.0	41.6	53.7	120
	5/8	1.19	0.798	226	25.4	23.0	236	26.5	24.1	13.4	49.4	63.7	135
16.0		1.21	0.810	226	25.4	23.0	236	26.5	24.1	13.6	50.6	65.2	137
17.0		1.36	0.915	255	28.7	26.0	267	30.0	27.2	15.4	60.7	78.2	154
18.0		1.53	1.03	286	32.1	29.2	299	33.6	30.5	17.2	72.0	92.8	173
19.0		1.70	1.14	318	35.7	32.4	333	37.4	34.0	19.2	84.7	109	193
	3/4	1.71	1.15	318	35.7	32.4	333	37.4	34.0	19.3	85.4	110	194
20.0		1.88	1.27	353	39.7	36.0	369	41.5	37.6	21.3	98.8	127	214
22.0		2.28	1.53	427	48.0	43.5	446	50.1	45.5	25.8	132	169	258
	7/8	2.33	1.56	427	48.0	43.5	446	50.1	45.5	26.3	136	175	264
24.0		2.71	1.82	508	57.1	51.8	531	59.7	54.1	30.7	171	220	308
	1	3.04	2.04	569	64.0	58.0	595	66.9	60.7	34.3	203	261	345
26.0		3.18	2.14	596	67.0	60.8	623	70.0	63.5	36.0	217	280	361
28.0		3.69	2.48	691	77.7	70.5	723	81.3	73.7	41.7	271	349	419
	1 1/8	3.85	2.58	720	80.9	73.4	753	84.6	76.8	43.5	289	371	436
30.0		4.24	2.85	794	89.2	81.0	830	93.3	84.6	47.9	334	430	481
	1 1/4	4.75	3.19	903	102	92.1	944	106	96.3	53.6	396	509	538
32.0		4.82	3.24	903	102	92.1	944	106	96.3	54.5	405	521	547
34.0		5.44	3.66	1020	115	104	1070	120	109	61.5	486	625	617
	1 3/8	5.75	3.86	1080	121	110	1130	127	115	64.9	527	678	651
36.0		6.10	4.10	1140	128	116	1200	135	122	69.0	577	742	692
38.0		6.80	4.57	1270	143	130	1330	149	136	76.8	679	873	771
	1 1/2	6.84	4.59	1270	143	130	1330	149	136	77.3	684	880	775
40.0		7.54	5.06	1410	158	144	1480	166	151	85.2	792	1020	854
	1 5/8	8.02	5.39	1500	169	153	1570	176	160	90.7	870	1120	910
42.0		8.31	5.58	1560	175	159	1630	183	166	93.9	917	1180	942
44.0		9.12	6.13	1710	192	174	1790	201	183	103	1050	1360	1030
	1 3/4	9.31	6.25	1710	192	174	1790	201	183	105	1090	1400	1060
46.0		9.97	6.70	1870	210	191	1950	219	199	113	1210	1550	1130
	1 7/8	10.7	7.18	2030	228	207	2130	239	217	121	1340	1720	1210
48.0		10.9	7.29	2030	228	207	2130	239	217	123	1370	1760	1230
50.0		11.8	7.91	2210	248	225	2310	260	236	133	1550	1990	1340

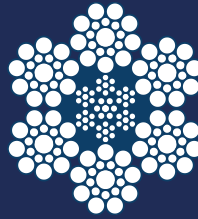
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BRIDON



Blue Strand 6 x 19 Class



Benefits:

- High quality six strand crane rope
- Excellent resistance to wear
- Fully lubricated
- Steel Core

High Performance Crane Ropes

High quality performance wire ropes for the lifting industry.

Our world leading manufacturing capabilities are accompanied by a high level of quality assurance and in-house expertise in research and development and design engineering.

Applications

Telescopic mobile cranes

Overhead hoists/gantry cranes



BLUE STRAND 6 X 19 CLASS



Blue Strand 6 x 19 Class

Diameter		Nominal length mass		Minimum Breaking Force									Axial stiffness @20% load	Torque generated @20% load		Metallic cross section
				IP/1770			EIP/1960			EEIP/2160				Ordinary	Lang's	
mm	inch	kg/m	lb/ft	kN	Tons (short)	Tons (metric)	kN	Tons (short)	Tons (metric)	kN	Tons (short)	Tons (metric)	MN	Nm	Nm	mm²
6.00		0.144	0.097	22.7	2.55	2.34	25.1	2.82	2.56				1.67	2.05	2.72	16.2
	1/4	0.161	0.108	26.2	2.94	2.69	30.2	3.40	3.08				1.86	2.43	3.22	18.1
7.00		0.196	0.132	30.9	3.47	3.18	34.2	3.84	3.49				2.27	3.26	4.31	22.0
	5/16	0.252	0.169	40.7	4.58	4.20	46.9	5.27	4.78				2.91	4.76	6.28	28.3
8.00		0.256	0.172	40.3	4.53	4.15	44.7	5.02	4.56				2.96	4.88	6.43	28.7
9.00		0.324	0.218	51.0	5.73	5.25	56.5	6.35	5.76				3.75	6.96	9.16	36.4
	3/8	0.363	0.244	58.4	6.56	6.01	67.2	7.55	6.85				4.20	8.25	10.9	40.7
10.0		0.400	0.269	63.0	7.08	6.49	69.8	7.85	7.12				4.63	9.56	12.6	44.9
11.0		0.494	0.332	79.1	8.89	8.15	90.7	10.20	9.25				5.71	13.1	17.2	55.4
	7/16	0.494	0.332	79.1	8.89	8.14	90.7	10.2	9.25	100	11.2	10.2	5.71	13.1	17.2	55.4
12.0		0.576	0.387	90.7	10.2	9.34	100	11.2	10.2	111	12.5	11.3	6.66	16.6	21.7	64.7
	1/2	0.645	0.434	102	11.5	10.5	118	13.3	12.1	130	14.6	13.2	7.46	19.7	25.7	72.4
13.0		0.676	0.454	106	11.9	10.9	118	13.3	12.0	130	14.6	13.3	7.82	21.1	27.6	75.9
14.0		0.784	0.527	124	13.9	12.8	137	15.4	14.0	151	17.0	15.4	9.07	26.4	34.5	88.0
	9/16	0.817	0.549	129	14.5	13.3	149	16.8	15.2	165	18.5	16.8	9.44	28.0	36.6	91.7
	5/8	1.02	0.688	161	18.1	16.4	183	20.6	18.7	202	22.7	20.6	11.8	39.5	51.4	115
16.0		1.02	0.688	161	18.1	16.4	183	20.6	18.7	202	22.7	20.6	11.8	39.5	51.4	115
18.0		1.30	0.871	204	22.9	20.8	226	25.4	23.0	249	28.0	25.4	15.0	56.3	73.2	145
19.0		1.45	0.975	228	25.6	23.2	262	29.4	26.7	288	32.4	29.4	16.8	66.8	86.8	163
	3/4	1.45	0.975	228	25.6	23.2	262	29.4	26.7	288	32.4	29.4	16.8	66.8	86.8	163
20.0		1.60	1.08	252	28.3	25.7	279	31.4	28.4	308	34.6	31.4	18.5	77.4	100	180
22.0		1.98	1.33	308	34.6	31.4	354	39.8	36.1	390	43.8	39.8	22.8	106	138	222
	7/8	1.98	1.33	308	34.6	31.4	354	39.8	36.1	390	43.8	39.7	22.8	106	138	222
24.0		2.30	1.55	363	40.8	37.0	402	45.2	41.0	443	49.8	45.2	26.6	134	173	259
	1	2.58	1.73	399	44.9	40.7	460	51.7	46.9	506	56.9	51.6	29.8	159	206	290
26.0		2.70	1.82	426	47.9	43.4	472	53.1	48.1	520	58.5	53.0	31.3	171	221	304
28.0		3.14	2.11	494	55.5	50.4	547	61.5	55.8	603	67.8	61.5	36.3	213	275	352
	1 1/8	3.27	2.19	503	56.5	51.3	578	65.0	59.0	636	71.5	64.9	37.8	227	293	367
	1 1/4	4.10	2.75	645	72.5	65.8	715	80.4	72.9	787	88.5	80.3	47.4	319	411	460
32.0		4.10	2.75	645	72.5	65.8	715	80.4	72.9	787	88.5	80.3	47.4	319	411	460
	1 3/8	4.88	3.28	743	83.5	75.7	854	96.0	87.1	943	106	96.2	56.4	416	534	548
36.0		5.18	3.48	817	91.8	83.3	904	102	92.2	997	112	102	59.9	456	585	582
38.0		5.81	3.90	910	102	92.8	1010	114	103	1110	125	113	67.1	541	694	652
	1 1/2	5.81	3.90	910	102	92.8	1010	114	103	1110	125	113	67.1	541	694	652
40.0		6.40	4.30	1010	114	103	1120	126	114	1230	138	125	74.0	626	803	718
	1 5/8	6.81	4.58	1020	115	104	1170	132	119	1300	146	133	78.8	688	882	765
44.0		7.90	5.31	1220	137	124	1360	153	139	1500	169	153	91.4	861	1100	887
	1 3/4	7.90	5.31	1220	137	124	1360	153	139	1500	169	153	91.4	861	1100	887
	1 7/8	9.22	6.19	1450	163	148	1610	181	164	1770	199	180	107	1080	1390	1030
48.0		9.22	6.19	1450	163	148	1610	181	164	1770	199	180	107	1080	1390	1030
	2	10.3	6.94	1530	172	156	1760	198	179	1930	217	197	119	1290	1640	1160
52.0		10.8	7.27	1700	191	173	1890	212	193	2080	234	212	125	1380	1760	1210
	2 1/8	11.7	7.83	1710	192	174	1970	221	201	2160	243	220	135	1550	1970	1310
56.0		12.5	8.43	1980	223	202	2190	246	223	2410	271	246	145	1730	2200	1410
	2 1/4	13.1	8.78	1910	215	195	2200	247	224	2420	272	247	151	1840	2340	1470
60.0		14.6	9.81	2270	255	231	2510	282	256	2770	311	282	168	2160	2750	1630
	2 3/8	14.6	9.78	2270	255	231	2510	282	256	2770	311	282	168	2160	2750	1630

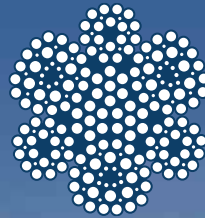
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BRIDON



Constructex



CONSTRUCTEX

Benefits:

- Rotary hammer swaged effect for maximum resistance to damage
- Exceptional service life in the most demanding applications
- Robust construction
- High breaking force
- Excellent crush resistance

High Performance Crane Ropes

High quality performance wire ropes for the lifting industry.

Our world leading manufacturing capabilities are accompanied by a high level of quality assurance and in-house expertise in research and development and design engineering.

Applications

Mobile lattice boom cranes

Offshore pedestal cranes

Dockside cranes

Bulk unloader cranes

Piling

Tower Cranes



Constructex

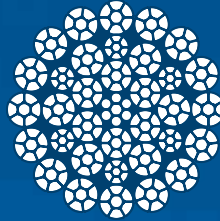
Diameter		Nominal length mass		Minimum Breaking Force			Axial stiffness @20% load	Torque generated @20% load	Metallic cross section
				CTX				Ordinary	
mm	inch	kg/m	lb/ft	kN	Tons (short)	Tons (metric)	MN	Nm	mm²
16.0 19.0	5/8	1.34	0.900	227	25.5	23.1	15	51	143
		1.34	0.900	227	25.5	23.1	15	51	143
	1.64	1.102	325	36.5	33.1	22	87	206	
22.0	3/4	1.64	1.102	325	36.5	33.1	22	87	206
		2.23	1.498	432	48.6	44.1	30	134	279
	7/8	2.23	1.498	432	48.6	44.1	30	134	279
	1	2.98	2.002	556	62.5	56.7	39	198	365
	1 1/8	3.87	2.601	707	79.5	72.1	50	283	463
	1 1/4	4.76	3.199	868	97.6	88.5	61	387	572
32.0		4.76	3.199	868	97.6	88.5	61	387	572
		1 3/8	5.66	3.803	1060	119	108	74	517
	38.0		6.85	4.603	1240	139	126	88	660
	1 1/2	6.85	4.603	1240	139	126	88	660	822
	1 5/8	7.89	5.302	1440	162	147	103	833	965
	44.0		9.23	6.202	1650	185	168	120	1030
1 3/4		9.23	6.202	1650	185	168	120	1030	1120

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BRIDON

Endurance Dyform 34 XL



Benefits:

- Low rotation
- Recommended for high lifting operations
- High breaking force
- Reduced rope sheave wear
- Accurate diameter, recommended for multi-layer spooling
- Suitable for single part and multi-part reeving
- Long service life
- Crush resistant
- Reduced down time
- Resistance to bending fatigue
- Reduced elongation

High Performance Crane Ropes

High quality performance wire ropes for the lifting industry.

Our world leading manufacturing capabilities are accompanied by a high level of quality assurance and in-house expertise in research and development and design engineering.

Applications

Mobile lattice boom cranes

Offshore pedestal cranes

Dockside cranes

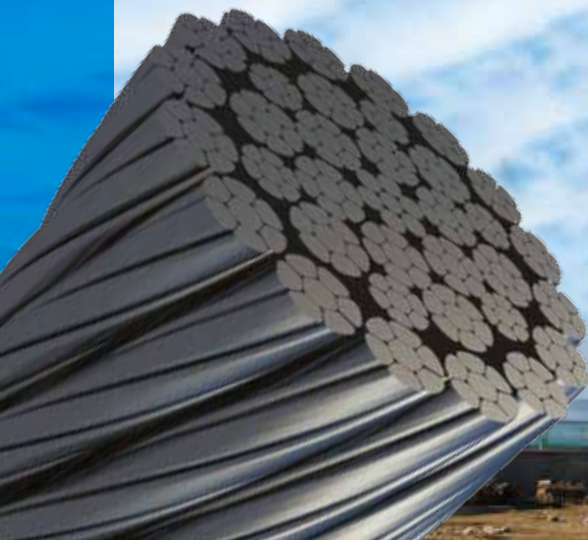
Bulk unloader cranes

Piling

Tower Cranes



ENDURANCE DYFORM 34 XL



Endurance Dyform 34XL

Diameter		Approx mass WSC		Minimum Breaking Force	
				Rope grade	
mm	inch	kg/ft	lb/ft	kN	Tons
16	5/8	0.84	0.37	30.60	272.00
19	5/8	1.21	0.53	42.90	382.00
	1	2.15	0.95	71.70	638.00
26		2.28	1.04	74.00	658.00
28		2.63	1.19	84.40	751.00
	1 1/8	2.73	1.20	86.90	773.00
29		2.94	1.30	86.90	829.00
32	1 1/4	3.37	1.49	110.2	980.00

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