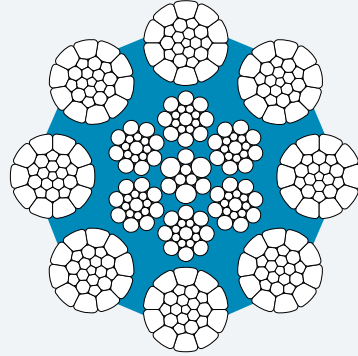
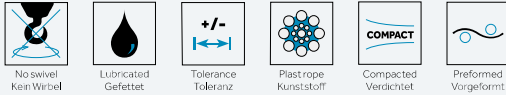


CASAR TURBOPLAST



PROPERTIES _ EIGENSCHAFTEN



APPLICATIONS _ ANWENDUNGEN

High breaking load and good resistance against crushing. Hoisting rope in multiple part reeving for smaller lifting heights as well as for twin hoist systems with left and right hand lay ropes for greater lifting heights.

Hohe Bruchkraft und gute Querdruckstabilität. Ein Seil für eine große Anzahl verschiedener Anwendungen, kommt sowohl im mehrsträngigen Betrieb für kleinere Hubhöhen als auch bei rechts- und linksgängiger Seilanordnung für größere Hubhöhen als Hubseil zum Einsatz.

OVERVIEW _ ÜBERBLICK TECHNISCHE DATEN

Diameter Range _ Durchmesserbereich [mm]	8	9 – 24	25 – 48	50 – 72
RCN	09	09	09	11
Number of Outer Strands _ Anzahl der Außenlitzen	8	8	8	8
Number of Wires _ Gesamtdrahtzahl	259	319	327	367
Number of Outer Load Bearing Wires _ Anzahl der tragenden Drähte in den Außenlitzen	208	208	208	248
Average Fill Factor _ Mittlerer Füllfaktor	0.664			
Average Nominal Metallic Area Factor C _ Mittlerer metallischer Querschnittsfaktor C	0.522			
Average Spin Factor _ Mittlerer Verselfaktor	*N/mm ² 0,87 (1770)* / 0,86 (1960)* / 0,86 (2160)*			

- Temperature range of use: -50°C to +115°C
- Suitable for multi-layer spooling, preferred in Lang's lay execution
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Available in galvanized and ungalvanized
- Einsatztemperaturbereich: -50°C bis +115°C
- in Gleichschlag besonders geeignet für Mehrlagenspülung
- In Kreuzschlag und Gleichschlag erhältlich
- In rechtsgängig und linksgängig erhältlich
- In verzinkter und blanker Ausführung erhältlich

Nominal Diameter _ Nenn-durchmesser	WEIGHT GEWICHT	MINIMUM BREAKING FORCE _ MINDESTBRUCHKRAFT									
		1960 N/mm ²				2160 N/mm ²					
mm	inch	kg/m	lb/ft	kN	t [metric]	lbs	t [2000 lbs]	kN	t [metric]	lbs	t [2000 lbs]
8	5/16	0.30	0.20	58,0	5.91	13.039	6.52	63,5	6.48	14.275	7.14
9		0.38	0.25	74,0	7.55	16.636	8.32	81,4	8.30	18.299	9.15
10		0.47	0.32	90,0	9.18	20.233	10.12	101,0	10.30	22.706	11.35
11	7/16	0.57	0.38	109,7	11.19	24.662	12.33	122,6	12.50	27.562	13.78
12		0.67	0.45	130,0	13.26	29.225	14.61	144,0	14.68	32.372	16.19
13	1/2	0.75	0.51	146,0	14.89	32.822	16.41	161,8	16.50	36.374	18.19
14		0.76	0.51	153,0	14.99	33.047	16.52	170,0	16.49	36.352	18.18
15		0.91	0.61	177,0	18.05	39.791	19.90	196,0	19.99	44.063	22.03
16	5/8	1.06	0.71	205,0	20.90	46.086	23.04	226,0	23.05	50.807	25.40
17		1.21	0.81	232,0	23.66	52.156	26.08	252,0	25.70	56.652	28.33
18		1.34	0.90	259,0	26.41	58.226	29.11	283,0	28.86	63.621	31.81
19	3/4	1.51	1.02	292,0	29.78	65.644	32.82	314,0	32.02	70.590	35.29
20		1.67	1.12	327,0	33.35	73.513	36.76	351,0	35.79	78.908	39.45
21		1.87	1.26	361,0	36.81	81.156	40.58	391,0	39.87	87.900	43.95
22		2.04	1.37	394,0	40.18	88.575	44.29	421,0	42.93	94.645	47.32
23		2.25	1.50	439,0	44.77	98.691	49.35	468,0	47.72	105.211	52.61
24	7/8	2.25	1.51	449,0	45.79	100.939	50.47	478,0	48.74	107.459	53.73
25		2.44	1.64	478,0	48.74	107.459	53.73	511,0	52.11	114.877	57.44
26		2.66	1.78	521,0	53.13	117.125	58.56	556,0	56.70	124.994	62.50
27		2.84	1.91	566,0	57.72	127.242	63.62	602,0	61.39	135.335	67.67
28		2.92	1.96	584,6	59.61	131.423	65.71	621,6	63.39	139.741	69.87
29		3.13	2.11	616,0	62.82	138.482	69.24	655,0	66.79	147.250	73.62
30		3.38	2.27	657,0	67.00	147.699	73.85	702,0	71.58	157.816	78.91
31		3.60	2.42	707,0	72.09	158.940	79.47	748,0	76.28	168.157	84.08
32	1 1/4	3.79	2.55	736,5	75.10	165.572	82.79	779,2	79.46	175.171	87.59
33		3.87	2.60	760,0	77.50	170.855	85.43	807,0	82.29	181.421	90.71
34		4.15	2.79	813,0	82.90	182.770	91.38	871,0	88.82	195.809	97.90
35		4.44	2.98	869,0	88.61	195.359	97.68	930,0	94.83	209.072	104.54
36	1 1/2	4.75	3.19	938,0	95.65	210.871	105.44	988,0	100.75	222.111	111.06
37		5.06	3.40	979,0	99.83	220.088	110.04	1.059,0	107.99	238.073	119.04
38		5.36	3.60	1.055,0	107.58	237.173	118.59	1.114,0	113.60	250.437	125.22
39		5.66	3.81	1.113,9	113.59	250.415	125.21	1.175,7	119.89	264.308	132.15
40	1 3/8	5.95	4.00	1.164,0	118.70	261.678	130.84	1.242,0	126.65	279.213	139.61
41		6.68	4.49	1.301,0	132.67	292.476	146.24	1.395,0	142.25	313.608	156.80
42		7.40	4.97	1.438,0	146.64	323.275	161.64	1.552,0	158.26	348.903	174.45
43	1 5/8	7.88	5.29	1.531,1	156.13	344.212	172.11	1.652,5	168.51	371.500	185.75
44		8.11	5.45	1.591,0	162.24	357.671	178.84	1.694,0	172.74	380.826	190.41
45		8.96	6.02	1.739,0	177.33	390.943	195.47	1.873,0	190.99	421.067	210.53
46	1 3/4	9.08	6.10	1.775,5	181.05	399.148	199.57	1.911,0	194.87	429.610	214.80
47		9.78	6.57	1.916,0	195.38	430.734	215.37	2.042,0	208.23	459.060	229.53
48	1 7/8	10.65	7.16	2.079,0	212.00	467.378	233.69	2.225,0	226.89	500.200	250.10
49		11.57	7.77	2.265,0	230.97	509.192	254.60	2.423,0	247.08	544.712	272.36
50		11.94	8.03	2.338,3	238.44	525.671	262.84	2.501,2	255.05	562.292	281.15
51	2	12.50	8.40	2.448,0	249.63	550.332	275.17	2.620,0	267.17	588.999	294.50
52		13.39	9.00	2.641,0	269.31	593.720	296.86	2.826,0	288.17	635.310	317.65
53	2 1/8	14.45	9.71	2.828,0	288.38	635.760	317.88	3.027,0	308.67	680.497	340.25
54		15.01	10.09	2.945,4	300.35	662.152	331.08	3.153,2	321.54	708.867	354.43
55	2 1/4	15.43	10.37	3.024,0	308.16	679.372	339.69	3.234,0	329.78	727.032	363.52
56		16.55	11.12	3.242,0	330.60	728.830	364.42	3.469,0	353.74	779.862	389.93
57	2 3/8	16.73	11.24	3.277,2	334.19	736.748	368.37	3.506,7	357.59	788.333	394.17
58		17.54	11.79	3.364,0	343.04	756.257	378.13	3.708,0	378.11	833.591	416.80
59		18.92	12.71	3.597,0	366.80	808.638	404.32	3.965,0	404.32	891.367	445.68
60	2 1/2	20.16	13.54	3.833,0	390.86	861.693	430.85	4.225,0	430.83	949.818	474.91
61		20.57	13.82	3.911,8	398.90	879.408	439.70	4.311,9	439.69	969.345	484.67
62	2 5/8	21.35	14.35	4.055,0	413.50	911.600	455.80	-	-	-	-
63		22.51	15.13	4.281,0	436.54	962.407	481.20	-	-	-	-
64	2 3/4	23.86	16.03	4.538,0	462.75	1.020.183	510.09	-	-	-	-