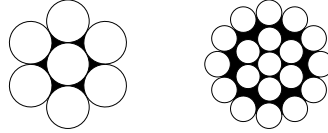


WIRE ROPE

WIRE ROPE TO DIN3052 & DIN3053



Specification: DIN3052 1 x 7

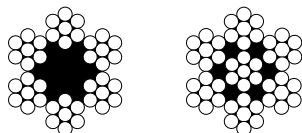
Nominal Diameter	Approx. Weight	Nominal Tensile Strength			
		1570 N/mm ²		1770 N/mm ²	
		Minimum Breaking Strength			
mm	kg/100m	KN	KG	KN	KG
0.6	0.18	0.308	31.4	0.347	35.3
0.8	0.32	0.547	55.7	0.617	62.7
1.0	0.50	0.855	87.1	0.963	98.6
1.5	1.13	1.92	196	2.17	221
2.0	2.01	3.42	348	3.85	392

Specification: DIN3053 1 x 19

Nominal Diameter	Approx. Weight	Nominal Tensile Strength			
		1570 N/mm ²		1770 N/mm ²	
		Minimum Breaking Strength			
mm	kg/100m	KN	KG	KN	KG
1.0	0.50	0.825	84	0.93	94.5
1.5	1.11	1.86	189	2.09	213
2.0	1.98	3.30	336	3.72	378
2.5	3.10	5.15	525	5.81	591
3.0	4.46	7.42	756	8.37	851
3.5	6.07	10.10	1030	11.40	1160
4.0	7.93	13.20	1340	14.90	1510

WIRE ROPE

WIRE ROPE TO DIN3055

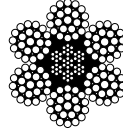
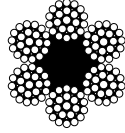


Specification: DIN3055
6 x 7+FC, 6 x 7+WSC

Nominal Diameter	Approx. Weight		Nominal Tensile Strength							
			1570 N/mm ²				1770 N/mm ²			
	kg/100m		Minimum Breaking Strength							
mm	FC	WSC	FC		WSC		FC		WSC	
			KN	KG	KN	KG	KN	KG	KN	KG
4	5.72	6.29	--	--	--	--	9.4	957	10.2	1030
5	8.94	9.83	--	--	--	--	14.7	1500	15.9	1620
6	12.9	14.2	--	--	--	--	21.1	2150	22.9	2320
7	17.5	19.3	--	--	--	--	28.8	2930	31.1	3160
8	22.9	25.2	33.4	3400	36.1	3670	37.6	3830	40.6	4140
9	28.9	31.8	42.2	4310	45.6	4650	47.6	4850	51.4	5230
10	35.7	39.3	52.2	5320	56.3	5750	58.8	5980	63.5	6460
11	43.2	47.5	63.1	6430	68.2	6940	71.1	7240	76.8	7820
12	51.5	56.7	75.1	7660	81.1	8270	84.7	8610	91.5	9300
13	60.4	66.4	88.1	8980	95.2	9700	99.4	10100	107	10900
14	70.1	77.1	102	10400	110	11200	115	11700	124	12600
16	91.5	101	134	13600	144	14700	151	15400	163	16600
18	116	128	169	17200	183	18600	191	19400	206	21000
20	143	157	209	21300	225	23000	235	23900	254	25900
22	173	190	252	25700	273	27800	285	28900	307	31200
24	206	227	300	30600	324	33000	339	34600	366	37350

WIRE ROPE

WIRE ROPE TO DIN3057



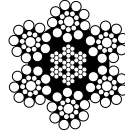
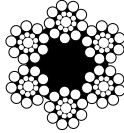
Specification: DIN3057

6 x Fi(19)+FC, 6 x Fi(19)+IWRC or WSC

Nominal Diameter	Approx. Weight		Nominal Tensile Strength							
			1570 N/mm ²				1770 N/mm ²			
	kg/100m		Minimum Breaking Strength							
mm	FC	WSC	FC		WSC		FC		WSC	
			KN	KG	KN	KG	KN	KG	KN	KG
10	38.0	41.8	53.0	5400	57.3	5830	59.8	6080	64.6	6570
11	46.0	50.6	64.2	6540	69.3	7060	72.2	7360	78.1	7950
12	54.7	60.2	76.3	7780	82.5	8400	86.1	8750	93.0	9450
13	64.3	70.7	89.6	9130	96.8	9860	101	10300	109	11100
14	74.5	82.0	104	10600	112	11400	117	11900	127	12900
15	85.5	94.1	119	12200	129	13200	135	13700	145	14800
16	97.3	107	136	13800	147	14900	153	15600	165	16800
17	110	121	153	15600	166	16800	173	17600	187	19000
18	123	135	172	17500	186	18900	194	19700	209	21300
19	137	151	191	19500	207	21100	216	21900	233	23700
20	152	167	212	21600	229	23300	239	24300	258	26200
22	184	202	257	26200	277	28300	289	29400	312	31800
24	219	241	305	31100	330	33600	344	35000	372	37800
26	257	283	358	36500	387	39400	404	41100	436	44400
28	298	328	416	42400	449	45800	469	47700	506	51500
32	389	428	543	55300	586	59700	612	62200	661	67400
36	493	542	687	70000	742	75600	775	79000	837	85400

WIRE ROPE

WIRE ROPE TO DIN3058

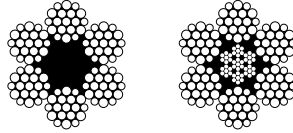


Specification: DIN3058
6 x S(19)+FC, 6 x S(19)+IWRC or WSC

Nominal Diameter	Approx. Weight		Nominal Tensile Strength							
			1570 N/mm ²				1770 N/mm ²			
	kg/100m		Minimum Breaking Strength							
mm	FC	WSC	FC		WSC		FC		WSC	
			KN	KG	KN	KG	KN	KG	KN	KG
6	13.4	14.7	-	-	-	-	21.1	2140	22.8	2310
7	18.3	20.1	-	-	-	-	28.7	2920	31.0	3150
8	23.8	26.2	33.2	3390	35.9	3660	37.5	3810	40.5	4110
9	30.2	33.2	42.1	4290	45.5	4630	47.4	4830	51.2	5220
10	37.3	41.0	52.0	5300	56.1	5720	58.6	5960	63.3	6440
11	45.1	49.6	62.9	6410	67.9	6920	70.9	7210	76.5	7790
12	53.7	59.0	74.8	7620	80.8	8230	84.3	8580	91.1	9270
13	63.0	69.3	87.8	8950	94.8	9670	99.0	10100	107	10900
14	73.0	80.3	102	10400	110	11200	115	11700	124	12600
15	83.8	92.2	117	11900	126	12900	132	13400	142	14500
16	95.4	105	133	13600	144	14700	150	15300	162	16500
17	108	119	150	15300	162	16500	169	17200	183	18600
18	121	133	168	17200	182	18600	190	19300	205	20800
19	135	149	188	19100	203	20600	211	21500	228	23200
20	149	164	208	21200	224	22900	234	23800	253	25700
22	180	198	251	25600	272	27600	283	28860	306	31100
24	215	237	299	30500	323	32900	337	34300	364	37000
26	252	277	351	35800	379	38700	396	40300	428	43650
28	292	321	407	41500	440	44800	459	46700	496	50600
32	382	420	532	54200	575	58500	600	61200	648	66100
36	483	531	673	68600	727	74100	759	77450	820	83650

WIRE ROPE

WIRE ROPE TO DIN3059

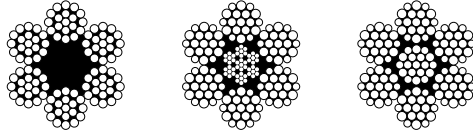


Specification: DIN3059
6 x W(19)+FC, 6 x W(19)+IWRC or WSC

Nominal Diameter	Approx. Weight		Nominal Tensile Strength							
			1570 N/mm ²				1770 N/mm ²			
	kg/100m		Minimum Breaking Strength							
mm	FC	WSC	FC		WSC		FC		WSC	
			KN	KG	KN	KG	KN	KG	KN	KG
8	23.8	26.3	33.3	3390	35.9	3660	37.5	3810	40.5	4110
9	30.2	33.2	42.1	4290	45.5	4630	47.5	4830	51.2	5220
10	37.3	41.0	51.9	5295	56.1	5720	58.6	5960	63.2	6440
11	45.1	49.6	62.9	6410	67.9	6920	70.9	7210	76.5	7790
12	53.7	59.1	74.8	7620	80.9	8230	84.4	8580	91.3	9270
13	63.0	69.3	87.8	8950	94.5	9670	98.9	10100	107	10900
14	73.0	80.3	101	10400	110	11200	114	11700	124	12600
15	83.8	92.2	117	11900	138	14000	132	13400	142	14500
16	95.4	105	133	13600	158	16100	150	15300	162	16500
17	108	119	150	15300	163	16500	169	17200	183	18600
18	121	133	169	17200	182	18600	190	19300	205	20800
19	135	149	187	19100	203	20600	212	21500	228	23200
20	149	164	208	21200	224	22900	234	23800	253	25700
22	180	198	251	25600	271	27600	284	28800	306	31100
24	215	237	299	30500	323	32900	337	34300	364	37000
26	252	277	351	35800	384	38700	396	40300	428	43600
28	292	321	408	41500	440	44800	459	46700	496	50600
32	382	420	532	54200	575	58500	597	61200	648	66100
36	483	531	672	68600	727	74100	759	77400	820	83600

WIRE ROPE

WIRE ROPE TO DIN3060



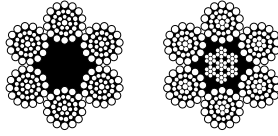
Specification: DIN3060

6 x 19+FC, 6 x 19+IWRC or WSC (Standard)

Nominal Diameter	Approx. Weight		Nominal Tensile Strength							
			1570 N/mm ²				1770 N/mm ²			
	kg/100m		Minimum Breaking Strength							
mm	FC	WSC	FC		WSC		FC		WSC	
			KN	KG	KN	KG	KN	KG	KN	KG
4	5.6	6.1	--	--	--	--	8.7	885	9.4	956
5	8.7	9.6	--	--	--	--	13.6	1380	14.7	1490
6	12.5	13.8	--	--	--	--	19.6	1990	21.2	2150
7	17.0	18.7	--	--	--	--	26.7	2720	28.8	2930
8	22.1	24.3	30.9	3150	33.3	3400	34.8	3540	37.6	3820
9	28.0	30.8	39.1	3980	42.2	4300	44.1	4480	47.6	4840
10	34.6	38.1	48.2	4920	52.1	5310	54.4	5530	58.8	5970
11	41.9	46.1	58.4	5960	63.1	6430	65.8	6690	71.1	7230
12	49.8	54.8	69.5	7080	75.0	7650	78.3	7970	84.6	8610
13	58.5	64.3	81.5	8310	88.1	8970	91.9	9350	99.3	10100
14	67.8	74.6	94.6	9640	102	10400	107	10800	115	11700
16	88.6	97.4	124	12600	133	13600	139	14200	150	15300
18	112	123	156	15900	169	17200	176	17900	190	19300
20	138	152	193	19700	208	21200	218	22100	235	23900
22	167	184	234	23800	252	25700	263	26800	284	28900
24	199	219	278	28300	300	30600	313	31900	338	34500
26	234	257	326	33200	352	35900	368	37400	397	40400
28	271	298	378	38500	409	41600	426	43400	461	46900
32	354	390	494	50400	534	54400	557	56600	602	61400
36	448	493	625	63700	675	68800	705	71700	761	77600

WIRE ROPE

WIRE ROPE TO DIN3064



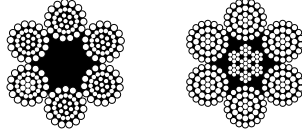
Specification: DIN3064

6 x WS(36)+FC, 6 x WS(36)+IWRC or WSC

Nominal Diameter	Approx. Weight		Nominal Tensile Strength							
			1570 N/mm ²				1770 N/mm ²			
	kg/100m		Minimum Breaking Strength							
mm	FC	WSC	FC		WSC		FC		WSC	
			KN	KG	KN	KG	KN	KG	KN	KG
12	54.7	60.2	74.4	7600	80.6	8210	84.0	8550	89.8	9160
13	64.3	70.7	87.4	8920	94.6	9630	98.3	10000	106	10800
14	74.5	82.0	101	10300	109	11200	114	11600	124	12600
16	97.3	107	133	13500	143	14600	149	15200	161	16400
18	123	135	168	17100	181	18500	189	19200	204	20800
20	152	167	203	20700	221	22500	234	23800	252	25600
22	184	202	250	25500	271	27600	282	28700	304	31000
24	219	241	298	30400	322	32800	336	34200	363	36900
26	257	283	340	34700	378	38500	395	40100	425	43300
28	298	328	405	41400	438	44900	458	46600	493	50300
32	389	428	530	54000	571	58200	598	60800	644	65700
36	493	542	670	68400	724	73900	757	77000	816	83100
40	608	669	828	84400	894	91200	934	95000	983	103000

WIRE ROPE

WIRE ROPE TO DIN3066

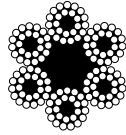


Specification: DIN3066
6 x 37+FC, 6 x 37+IWRC or WSC

Nominal Diameter	Approx. Weight		Nominal Tensile Strength							
			1570 N/mm ²				1770 N/mm ²			
	kg/100m		Minimum Breaking Strength							
mm	FC	WSC	FC		WSC		FC		WSC	
			KN	KG	KN	KG	KN	KG	KN	KG
8	22.1	24.4	29.6	3020	32.0	3260	33.4	3400	36.1	3670
9	28.0	30.8	37.5	3820	40.5	4130	42.3	4300	45.7	4640
10	34.6	38.1	46.3	4720	50.0	5090	52.2	5310	56.4	5730
11	41.9	46.1	56.0	5710	60.5	6160	63.1	6420	68.2	6930
12	49.8	54.8	66.6	6790	72.0	7340	75.1	7640	81.2	8250
13	58.5	64.3	78.2	7970	84.5	8610	88.2	8970	95.2	9690
14	67.8	74.6	90.7	9255	98.0	9980	102	10400	110	11200
16	88.6	97.4	118	12100	128	13000	134	13600	144	14700
18	112	123	150	15300	162	16500	169	17200	183	18600
20	138	152	185	18900	200	20400	209	21200	225	22900
22	167	184	224	22800	242	24700	253	25700	273	27700
24	199	219	267	27200	288	29300	301	30600	325	33000
26	234	257	313	31900	338	34400	353	35900	381	38700
28	271	298	363	37000	392	39900	409	41600	442	45100
32	354	390	474	48300	512	52200	534	54500	577	58900
36	448	493	600	61000	648	66000	676	69000	730	74500
40	554	609	741	75500	800	81500	835	85200	902	92000

WIRE ROPE

WIRE ROPE TO DIN3068

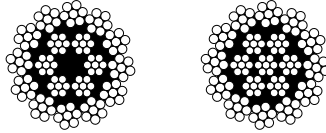


Specification: DIN3068 6 x 24+7FC

Nominal Diameter	Approx. Weight	Nominal Tensile Strength	
		1570 N/mm ²	
		Minimum Breaking Strength	
mm	kg/100m	KN	KG
8	20.4	28.2	2870
9	25.8	35.6	3630
10	31.8	44.0	4480
11	38.5	53.2	5420
12	45.8	63.3	6450
13	53.8	74.3	7570
14	62.4	86.2	8780
16	81.5	113	11500
18	103	143	14500
20	127	176	17900
22	154	213	21700
24	183	253	25800
26	215	297	30300
28	250	345	35200
32	326	450	45900
36	413	570	58100

WIRE ROPE

WIRE ROPE TO DIN3069



Specification: DIN3069
18 x 7+FC, 19 x 7 Rotation Resistant

Nominal Diameter	Approx. Weight		Nominal Tensile Strength							
			1570 N/mm ²				1770 N/mm ²			
	kg/100m		Minimum Breaking Strength							
mm	FC	WSC	FC		WSC		FC		WSC	
			KN	KG	KN	KG	KN	KG	KN	KG
8	24.5	25.7	32.0	3260	33.0	3360	36.1	3670	37.2	3780
9	31.0	32.6	40.5	4130	41.7	4250	45.7	4640	47.0	4780
10	38.3	40.2	50.0	5100	51.5	5250	56.4	5730	58.1	5910
11	46.3	48.6	60.5	6170	62.3	6350	68.2	6940	70.3	7150
12	55.1	57.9	72.0	7340	74.2	7560	81.2	8260	83.6	8500
13	64.7	67.9	84.5	8610	87.1	8870	95.3	9690	98.1	10000
14	75.0	78.8	98.0	9990	101	10300	111	11200	114	11600
16	98	103	128	13000	132	13400	144	14700	149	15100
18	124	130	162	16600	167	17000	183	18600	188	19100
20	153	161	200	20400	206	21000	226	22900	232	23600
22	185	195	242	24700	249	25400	273	27800	281	28600
24	220	231	288	29400	297	30200	325	33000	335	34000
26	259	272	338	34500	348	35500	381	38800	393	40100