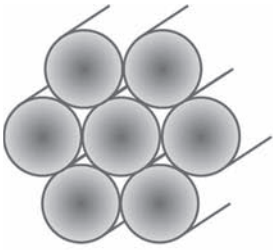




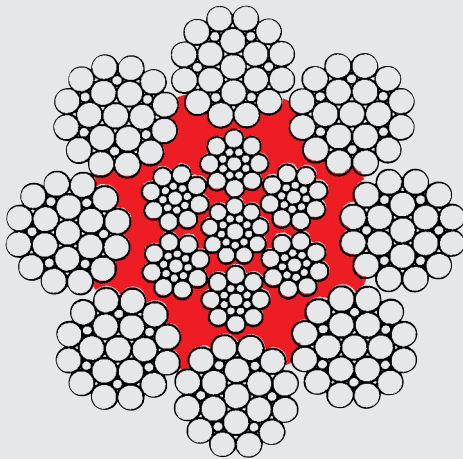
**DIEPA P 825
DIEPA S 321**



Nom. rope Ø mm	Metallic cross-section mm ²	Nominal length mass kg/100m	Minimum breaking force					
			Rope grade 1770 N/mm ²		Rope grade 1960 N/mm ²		Rope grade 2160 N/mm ²	
			kp	kN	kp	kN	kp	kN
4	7.8	7	1 150	11.7	1 300	13.0	1 400	14.1
5	12.2	11	1 850	18.3	2 000	20.2	2 200	22.0
6	17.6	16	2 650	26.3	2 950	29.2	3 200	31.7
6.5	20.7	19	3 100	30.9	3 450	34.2	3 750	37.3
7	24.0	22	3 600	35.8	4 000	39.7	4 350	43.2
7.5	27.5	25	4 150	41.1	4 600	45.6	5 050	49.6
8	29.6	27	4 450	43.7	4 950	48.6	5 400	53.4
8.5	35.3	33	5 350	52.8	5 950	58.5	6 450	63.7
9	38.4	35	5 800	56.9	6 450	63.3	7 000	69.3
9.5	44.1	41	6 650	66.0	7 400	73.1	8 050	79.6
10	46.0	42	6 950	68.2	7 750	76.0	8 400	83.0
11	58.3	54	8 800	86.3	9 800	96.1	10 650	105
12	71.5	65	10 850	106	12 050	118	13 100	129
13	82.1	76	12 450	122	13 850	136	15 050	148
14	92.0	85	13 950	137	15 500	152	16 850	166
15	111.6	103	16 900	166	18 800	184	20 450	201
16	125.8	116	19 050	187	21 250	208	23 050	227
17	140.9	130	21 400	210	23 750	233	25 800	254
18	158.6	146	24 100	236	26 750	262	29 050	286
19	174.9	161	26 550	260	29 500	289	32 100	316
20	193.1	178	29 350	288	32 600	320	35 400	348
21	211.9	195	32 150	315	35 750	351	38 900	382
22	241.9	223	36 750	361	40 850	401	44 400	437
23	262.1	241	39 800	390	44 250	434	48 100	473
24	283.5	261	43 050	422	47 850	469	52 050	511
25	309.8	285	47 100	462	52 300	513	56 900	559
26	333.4	307	50 650	497	56 300	552	61 200	601
27	354.4	326	53 850	528	59 850	587	65 050	640
28	389.1	358	59 100	580	65 700	645	71 450	701
29	415.5	382	63 150	620	70 200	689	76 300	749
30	444.4	409	67 550	663	75 050	736	81 600	802
31	471.3	434	71 650	703	79 600	781	86 500	850
32	499.4	459	75 900	745	84 350	827	91 700	901
33	540.6	497	82 200	806	91 300	896	99 250	975
34	573.5	528	87 200	855	96 900	951	105 300	1035
35	592.7	545	90 100	884	100 100	982	108 800	1069
36	638.8	588	97 100	953	107 900	1058	117 300	1152
37	671.9	618	102 150	1002	113 500	1113	123 400	1212
38	717.1	660	109 000	1069	121 150	1188	131 700	1293
39	750.6	691	114 150	1120	126 800	1244	137 850	1354
40	791.1	728	120 300	1180	133 650	1311	145 250	1427
41	826.1	760	125 600	1232	139 550	1369	151 700	1490
42	876.4	806	133 250	1307	148 050	1452	160 950	1581
43	916.9	844	139 400	1368	154 900	1520	168 400	1654
44	961.4	885	146 200	1434	162 450	1594	176 600	1734
45	990.2	911	150 550	1481	167 300	1640	181 850	1786
46	1039.3	956	158 050	1550	175 600	1723	190 850	1875
47	1080.2	994	164 250	1616	182 500	1789	198 350	1948
48	1124.8	1035	171 050	1678	190 050	1864	206 600	2029
49	1174.1	1080	178 500	1756	198 400	1944	215 600	2118
50	1223.0	1125	185 950	1824	206 600	2027	224 650	2206
51	1271.9	1170	193 400	1902	214 900	2107	233 600	2294
52	1307.7	1203	198 850	1951	220 950	2168	240 150	2359
53	1373.6	1264	208 850	2054	232 100	2275	252 250	2477
54	1429.5	1315	217 400	2133	241 550	2369	262 550	2578
55	1479.2	1361	224 950	2212	249 950	2450	271 700	2668
56	1556.8	1432	236 750	2323	263 050	2581	285 900	2808



Spezialdrahtseile Special Wire Ropes



DIEPA P 825

Ordinary lay
with plastic insert
- must not be used with a swivel -

DIEPA S 321

Ordinary lay
- must not be used with a swivel -

Number of load-bearing
wires in the outer strands: 152

Total number of wires: 321 (up Ø 15 mm)

inch/lbs – see page 52

Calculated breaking force =
Minimum breaking force : Spinning loss factor

Fill factor - 0.6226
Spinning loss factor - 0.8450 at 1770 N/mm²
1960 N/mm²
0.8350 at 2160 N/mm²

Nom. rope Ø mm	Metallic cross-section mm ²	Nominal length mass kg/100m	Rope grade 1770 N/mm ²		Minimum breaking force Rope grade 1960 N/mm ²		Rope grade 2160 N/mm ²	
			kp	kN	kp	kN	kp	kN
57	1588.7	1462	241 600	2376	268 450	2631	291 800	2866
58	1663.7	1531	253 000	2482	281 100	2758	305 600	3001
59	1702.2	1566	258 850	2546	287 600	2819	312 650	3070
60	1782.1	1640	271 000	2659	301 150	2954	327 350	3214
61	1819.5	1674	276 700	2722	307 450	3013	334 200	3282
62	1879.7	1729	285 850	2811	317 600	3113	345 250	3390
63	1940.8	1786	295 150	2903	327 950	3214	356 500	3500
64	2002.9	1843	304 600	2996	338 450	3317	367 900	3612
65	2066.0	1901	314 200	3090	349 100	3421	379 500	3727
66	2130.0	1960	323 950	3186	359 950	3528	391 250	3842
67	2195.1	2019	333 850	3283	370 950	3635	403 200	3959
68	2261.1	2080	343 850	3382	382 100	3745	415 300	4078
69	2328.1	2142	354 050	3482	393 400	3856	427 600	4199
70	2396.1	2204	364 400	3584	404 900	3968	440 100	4321
71	2465.0	2268	374 850	3687	416 500	4082	452 750	4446
72	2534.9	2332	385 500	3792	428 350	4198	465 600	4572
73	2605.8	2397	396 300	3897	440 350	4315	478 650	4700
74	2677.7	2463	407 200	4005	452 450	4435	491 850	4830
75	2750.6	2531	418 350	4114	464 800	4555	505 250	4961

