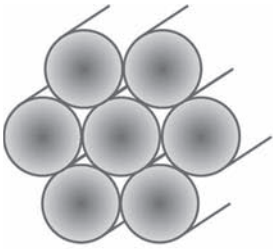
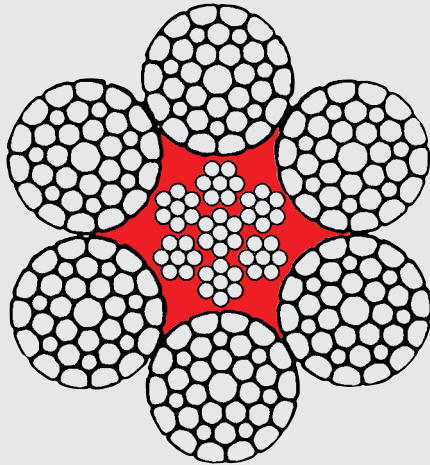


**DIEPA PZ 299** Ordinary lay**DIEPA Z 299** Ordinary lay

Nom. rope Ø mm	Metallic cross-section mm <sup>2</sup>	Nominal length mass kg/100m	Minimum breaking force					
			Rope grade 1770 N/mm <sup>2</sup>		Rope grade 1960 N/mm <sup>2</sup>		Rope grade 2160 N/mm <sup>2</sup>	
			kp	kN	kp	kN	kp	kN
4	8.2	7	1 200	12.2	1 300	13.5	1 450	14.7
5	12.8	11	1 900	19.1	2 100	21.1	2 300	22.9
6	18.5	16	2 750	27.5	3 100	30.5	3 350	33.2
6.5	21.7	19	3 200	32.2	3 600	35.7	3 900	38.8
7	25.1	22	3 750	37.3	4 200	41.3	4 550	45.0
7.5	28.8	26	4 300	42.9	4 800	47.5	5 200	51.7
8	32.8	29	4 950	48.8	5 500	54.0	5 950	58.8
8.5	37.0	33	5 550	55.1	6 200	61.0	6 700	66.4
9	41.5	37	6 250	61.7	6 950	68.3	7 550	74.4
9.5	46.3	41	6 950	68.8	7 750	76.2	8 400	82.9
10	51.3	46	7 700	76.2	8 600	84.0	9 300	92.1
11	62.0	55	9 350	92.4	10 400	102	11 250	111
12	73.8	66	11 100	110	12 350	122	13 400	132
13	86.6	77	13 050	129	14 500	143	15 800	155
14	100.5	89	15 150	150	16 800	165	18 300	180
15	115.3	103	17 400	171	19 350	190	21 000	207
16	131.2	117	19 800	195	22 000	216	23 900	235
17	148.1	132	22 350	220	24 850	244	27 000	266
18	166.1	148	25 050	247	27 850	274	30 250	298
19	185.0	165	27 950	275	31 050	305	33 750	332
20	205.0	182	30 950	305	34 400	338	37 400	368
21	226.0	201	34 100	336	37 950	372	41 250	405
22	248.1	221	37 500	369	41 650	408	45 250	445
23	271.1	241	40 950	403	45 500	446	49 450	486
24	295.2	263	44 600	439	49 550	486	53 850	530
25	320.3	285	48 400	476	53 800	528	58 450	574
26	346.5	308	52 350	515	58 200	570	63 200	621
27	373.7	333	56 450	555	62 700	615	68 200	670
28	401.8	358	60 700	597	67 450	662	73 300	720
29	431.1	384	65 100	641	72 400	710	78 650	773
30	461.3	411	69 700	686	77 450	759	84 200	827
31	492.6	438	74 450	732	82 700	811	89 900	883
32	524.9	467	79 300	780	88 150	864	95 800	941
33	558.2	497	84 350	830	93 700	919	101 900	1001
34	592.5	527	89 550	881	99 500	975	108 150	1062
35	627.9	559	94 900	933	105 450	1034	114 600	1125
36	664.3	591	100 400	988	111 550	1094	121 250	1191
37	701.7	625	106 050	1043	117 850	1155	128 100	1258
38	740.1	659	111 850	1100	124 300	1219	135 100	1327
39	779.6	694	117 850	1159	130 950	1284	142 300	1398
40	820.1	730	123 950	1220	137 750	1350	149 700	1470
41	861.6	767	130 200	1281	144 700	1419	157 300	1545
42	904.1	805	136 650	1344	151 850	1488	165 050	1621
43	947.7	843	143 250	1409	159 150	1560	173 000	1699
44	992.3	883	150 000	1475	166 650	1634	181 150	1779
45	1037.9	924	156 900	1543	174 300	1709	189 450	1861
46	1084.6	965	163 950	1613	182 150	1786	198 000	1945
47	1132.2	1008	171 150	1683	190 150	1864	206 700	2030
48	1180.9	1051	178 500	1756	198 350	1945	215 550	2117
49	1230.6	1095	186 050	1830	206 700	2026	224 650	2206
50	1281.4	1140	193 700	1905	215 250	2110	233 950	2297
51	1333.1	1187	201 550	1982	223 900	2195	243 350	2390
52	1385.9	1233	209 500	2061	232 800	2281	253 000	2485
53	1439.8	1281	217 650	2140	241 850	2370	262 850	2581



# Spezialdrahtseile Special Wire Ropes



## DIEPA PZ 299

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

## DIEPA Z 299

Ordinary lay  
- must not be used with a swivel -

Number of load-bearing  
wires in the outer strands: 216

Total number of wires: 265

inch/lbs – see page 61

Calculated breaking force =  
Minimum breaking force : Spinning loss factor

Fill factor - 0.6526  
Spinning loss factor - 0.8400 at 1770 N/mm<sup>2</sup>  
1960 N/mm<sup>2</sup>  
0.8300 at 2160 N/mm<sup>2</sup>

Nom. rope Ø mm	Metallic cross-section mm <sup>2</sup>	Nominal length mass kg/100m	Rope grade 1770 N/mm <sup>2</sup>		Minimum breaking force		Rope grade 2160 N/mm <sup>2</sup>	
			kp	kN	Rope grade 1960 N/mm <sup>2</sup>		kp	kN
54	1494.6	1330	225 950	2222	251 050	2460	272 900	2679
55	1550.5	1380	234 400	2305	260 400	2553	283 100	2780
56	1607.4	1431	243 000	2390	270 000	2647	293 450	2882
57	1665.3	1482	251 750	2476	279 750	2742	304 050	2986
58	1724.2	1535	260 650	2564	289 600	2838	314 800	3091
59	1784.2	1588	269 750	2653	299 700	2937	325 750	3199
60	1845.2	1642	278 950	2743	309 950	3038	336 850	3308