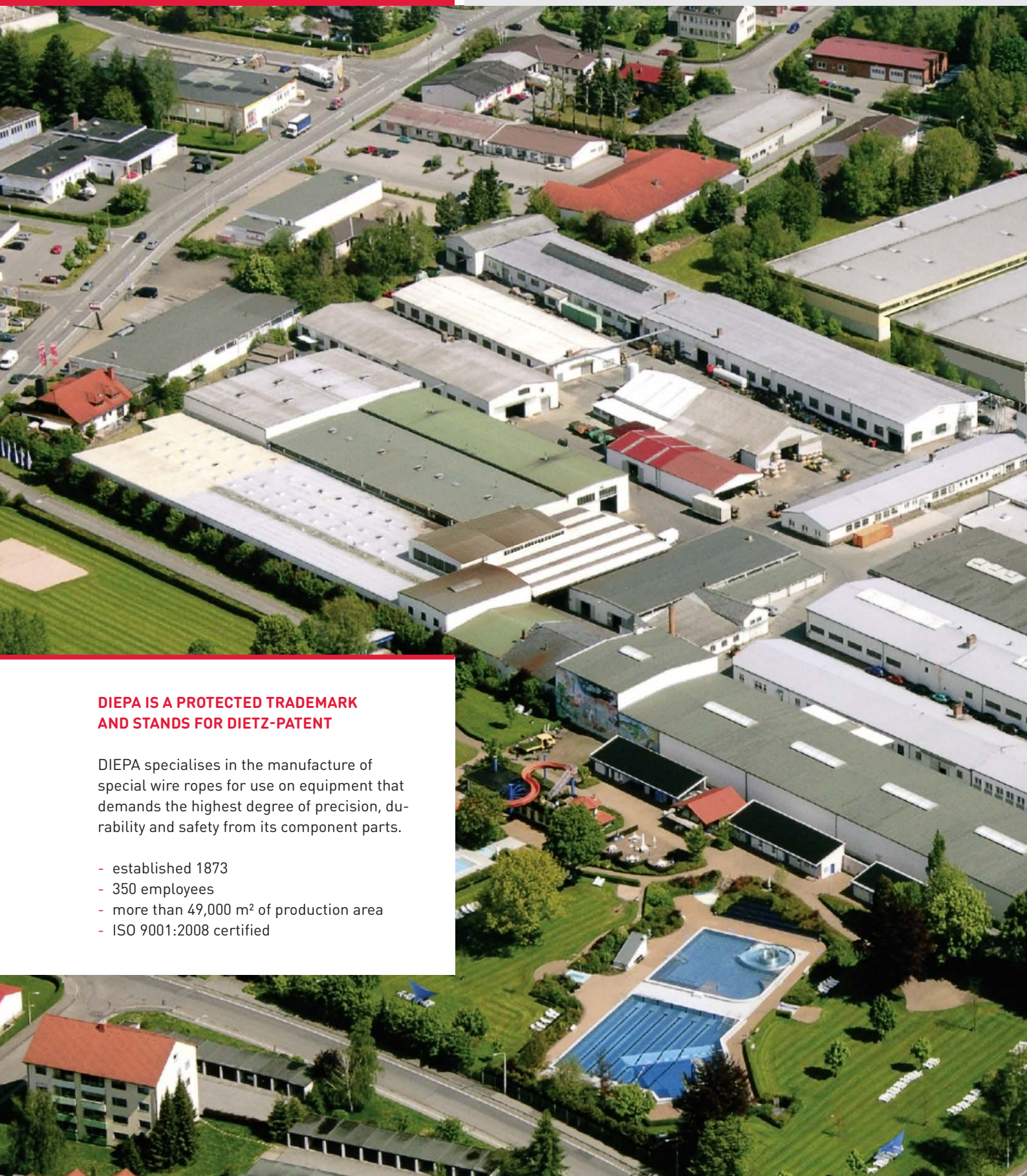




Diepa[®]

SPECIAL WIRE ROPES

QUALITY
MADE IN GERMANY



**DIEPA IS A PROTECTED TRADEMARK
AND STANDS FOR DIETZ-PATENT**

DIEPA specialises in the manufacture of special wire ropes for use on equipment that demands the highest degree of precision, durability and safety from its component parts.

- established 1873
- 350 employees
- more than 49,000 m² of production area
- ISO 9001:2008 certified



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RELIABLE HIGH PERFORMANCE

Steel wire ropes are regarded as critical components of a lifting appliance and must be capable of meeting the varied demands that are placed upon them, whether they are related to breaking force, bending strength, abrasion or rotation resistance.

In order to meet these demands, the construction of DIEPA special wire ropes combined with the advanced machinery and methods that are employed to produce them, are the culmination of decades of intensive research and development, resulting in a high degree of in-service rope structural stability.

This means that they are capable of performing under the most demanding of loading conditions.

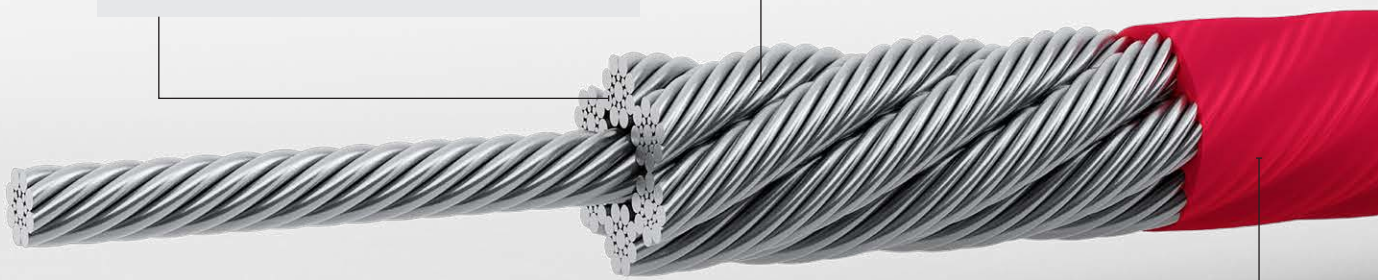
And, of course, the above-average service life brings economic benefits, too. DIEPA special wire ropes are designed and manufactured to afford a higher level of in-service rope safety and reliability, particularly when they are operating in situations where high loading is experienced and/or critical operating conditions prevail.

ROPE CONSTRUCTION

Experience gleaned from manufacturing processes and application technology along with ultra-modern computing software have been brought together to achieve the optimum rope construction of DIEPA special wire ropes.

WIRE MATERIAL

DIEPA only processes exceptionally high quality wire materials which go far beyond the requirements stipulated by the relevant standards. DIEPA works exclusively with experienced and reliable wire manufacturers with which it has built up a solid working relationship spanning many years.



ROPES CONTAINING PLASTIC

For decades now DIEPA has manufactured special wire ropes containing plastic, too. Only ultra-modern plastics such as polyamide 12 are employed.

ROPE LUBRICANT

The interior of the strands and the rope are critical points in the rope structure. This is why they are filled with special lubricant during the individual stranding operation itself. This serves to inhibit the onset of internal corrosion, something especially important for prolonged service.

MANUFACTURING TECHNIQUES

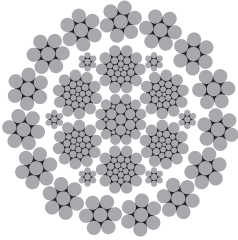
The ultra-modern machines we employ produce the highest level of precision during the stranding process. Every DIEPA special wire rope up to a diameter of 120 mm and its components are manufactured on a machine especially optimised for this purpose and operated by qualified manufacturing staff.

SERVICE

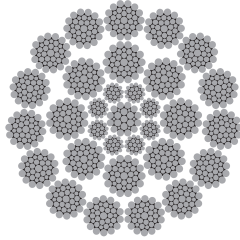
Our experts can provide specialist on-site inspection services using the most up to date criteria as detailed in ISO 4309.

AVAILABILITY

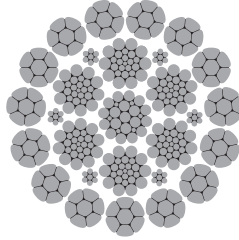
Our well-stocked warehouse allows us to react rapidly to a varied customer demand.



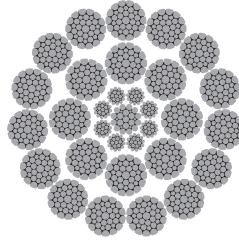
DIEPA **B 40/43/45/48**
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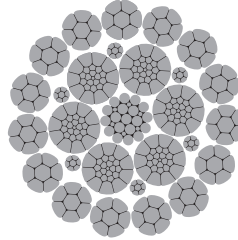
DIEPA **B 40/43/45/48**
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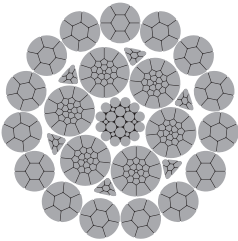
DIEPA **B 50/53/55/58**
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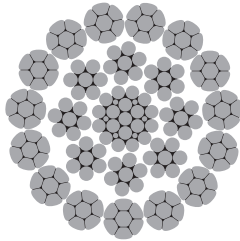
DIEPA **B 50/53/55/58**
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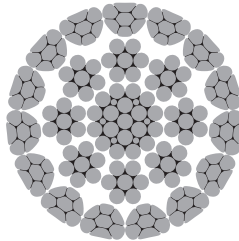
DIEPA **B 60/63/65/68**
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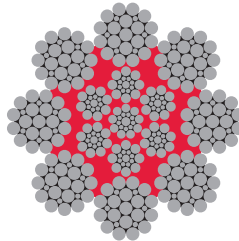
DIEPA **B 70/73/75/78**
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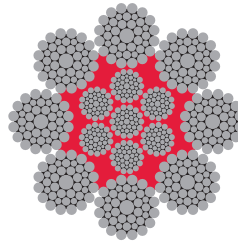
DIEPA **C 40/43/45/48**
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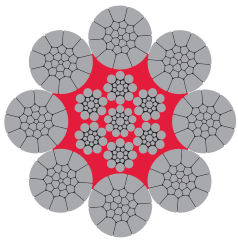
DIEPA **K 40/43/45/48**
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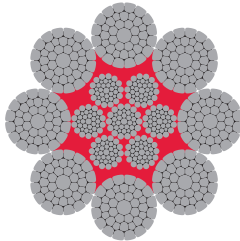
DIEPA **X 40/43/45/48**
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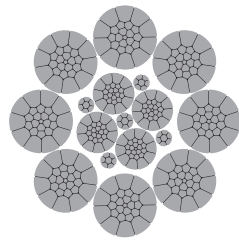
DIEPA **X 40/43/45/48**
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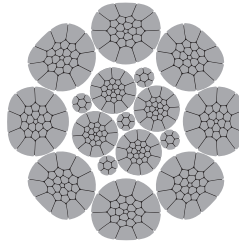
DIEPA **X 50/53/55/58**
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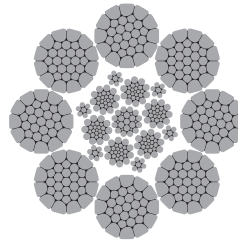
DIEPA **X 50/53/55/58**
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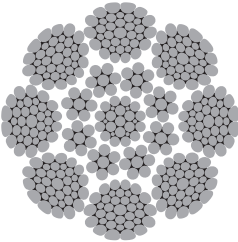
DIEPA **H 40/43**
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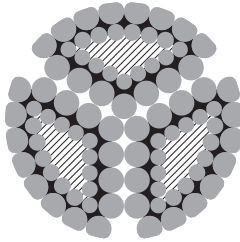
DIEPA **H 50/53**
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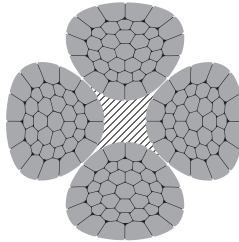
DIEPA **W 40/43**
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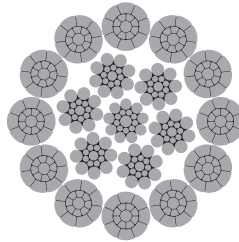
DIEPA **F 41/46**
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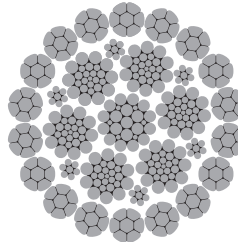
DIEPA **SUPER 3**
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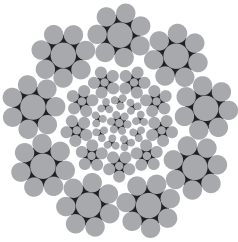
DIEPA **SUPER 4**
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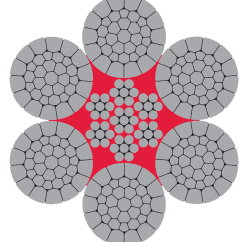
DIEPA **D 1200 Z**
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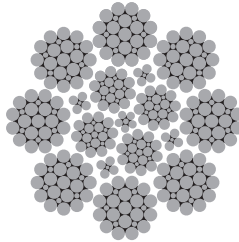
DIEPA **D 1318 Z/ZP/CZ/CZP**
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DIEPA **K 114**
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DIEPA **Z 299/PZ 299**
Page 52



DIEPA **S 417**
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ROPE SELECTION

ROTATION RESISTANT OR NON-ROTATION RESISTANT?

The most important factor in selecting the right wire rope for the job in hand is deciding whether a rope type is to be rotation resistant or non-rotation resistant.

This point needs to be considered very carefully as using the wrong rope type can have serious consequences, for example, shortened service life, changes in the rope structure, unintentional rope breaks.

ROTATION RESISTANT ROPES MUST BE USED FOR

- the lifting of an unguided load on a single fall
- the lifting of an unguided load on several falls at a great lifting height

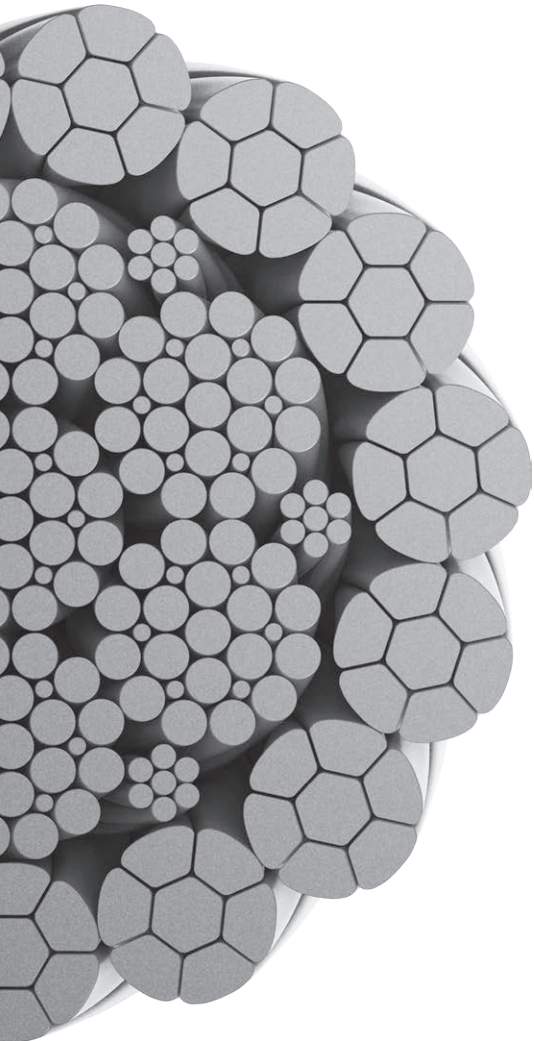
⚠️ Rotation resistant ropes can be used with and without a swivel.

NON-ROTATION RESISTANT ROPES MUST BE USED FOR

- the lifting of a guided load
- the lifting of unguided loads on several falls at low lifting heights
- the lifting of loads with right-handed and left-handed ropes operating in pairs

⚠️ Non-rotation resistant ropes must not be used with a swivel.

📞 Should you have any queries in this regard, please contact our specialists.



ROTATION RESISTANT

Rotation resistant DIEPA special wire ropes can be used on a wide range of lifting appliances.

Rotation resistant DIEPA special wire ropes can be used, for example, as a hoisting rope on mobile cranes, tower cranes, offshore- crane and deck cranes.

DIEPA **B-SERIES**: UNIVERSAL USE

NON-COMPACTED OUTER STRANDS

DIEPA B40	Ordinary lay
DIEPA B43	Ordinary lay with internal plastic component
DIEPA B45	Lang lay
DIEPA B48	Lang lay with internal plastic component

COMPACTED OUTER STRANDS HIGH BREAKING FORCE

DIEPA B50	Ordinary lay
DIEPA B53	Ordinary lay with internal plastic component
DIEPA B55	Lang lay
DIEPA B58	Lang lay with internal plastic component

COMPACTED OUTER STRANDS VERY HIGH BREAKING FORCE

DIEPA B60	Ordinary lay
DIEPA B63	Ordinary lay with internal plastic component
DIEPA B65	Lang lay
DIEPA B68	Lang lay with internal plastic component

COMPACTED OUTER STRANDS, EXTREMELY HIGH BREAKING FORCE

DIEPA B70	Ordinary lay
DIEPA B73	Ordinary lay with internal plastic component
DIEPA B75	Lang lay
DIEPA B78	Lang lay with internal plastic component

PLEASE NOTE

In the case of multi-layer spooling on the drum a lang lay rotation resistant rope with compacted outer strands has the capability of extending service life whereas ordinary lay rotation resistant rope is recommended when single-layer spooling.

In some circumstances, and for optimum wire rope performance, the application in question may necessitate the selection of a different rotation resistant or slightly rotation resistant DIEPA special wire rope (see the application table on page 58 for more information).

📞 Should you have any queries in this regard, please contact our specialists.

NON-ROTATION RESISTANT

Non-rotation resistant DIEPA special wire ropes can be used on a wide range of appliances.

Examples of applications for non-rotation resistant DIEPA special wire ropes are hoisting rope for indoor cranes, ladle cranes, steel mill cranes, mobile harbour cranes and gantry cranes as well as luffing rope for cranes and rope for winching duties.

DIEPA X- AND H-SERIES: UNIVERSAL USE

NON-COMPACTED OUTER STRANDS

DIEPA X40	Ordinary lay
DIEPA X43	Ordinary lay with internal plastic component
DIEPA X45	Lang lay
DIEPA X48	Lang lay with internal plastic component

COMPACTED OUTER STRANDS HIGH BREAKING FORCE

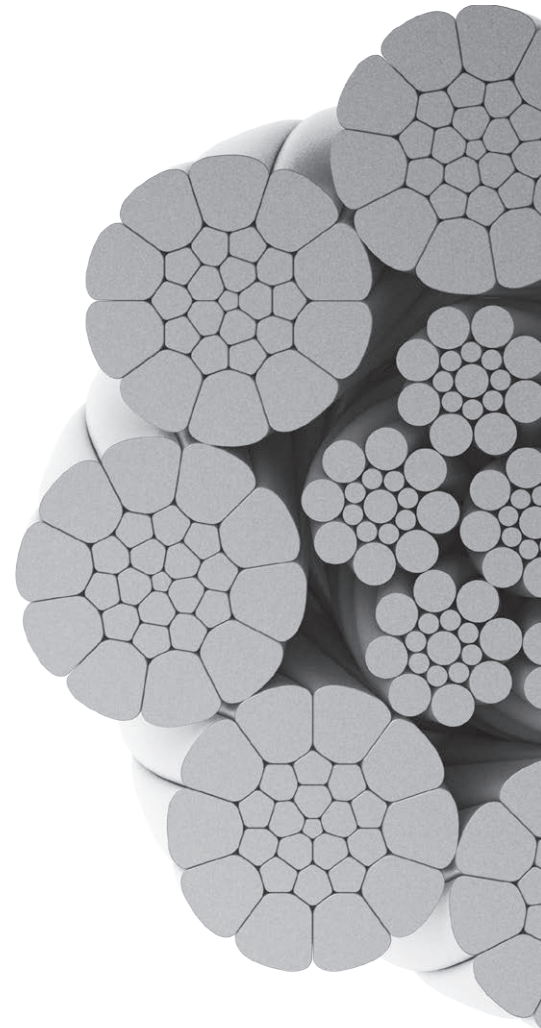
DIEPA X50	Ordinary lay
DIEPA X53	Ordinary lay with internal plastic component
DIEPA X55	Lang lay
DIEPA X58	Lang lay with internal plastic component

COMPACTED OUTER STRANDS VERY HIGH BREAKING FORCE

DIEPA H40	Ordinary lay
DIEPA H43	Ordinary lay with internal plastic component

COMPACTED OUTER STRANDS EXTREMELY HIGH BREAKING FORCE

DIEPA H50	Ordinary lay
DIEPA H53	Ordinary lay with internal plastic component



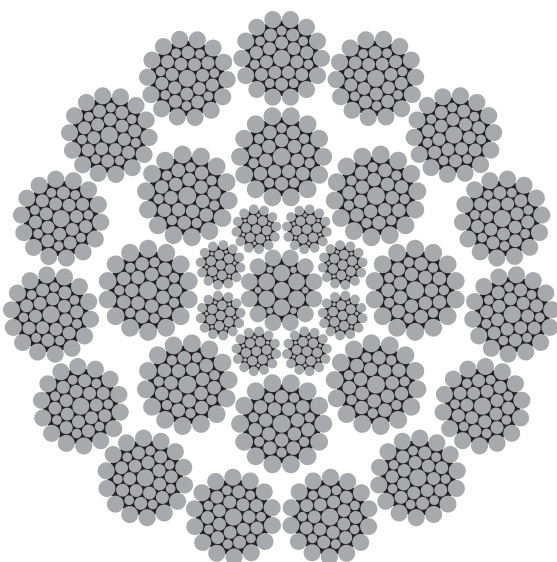
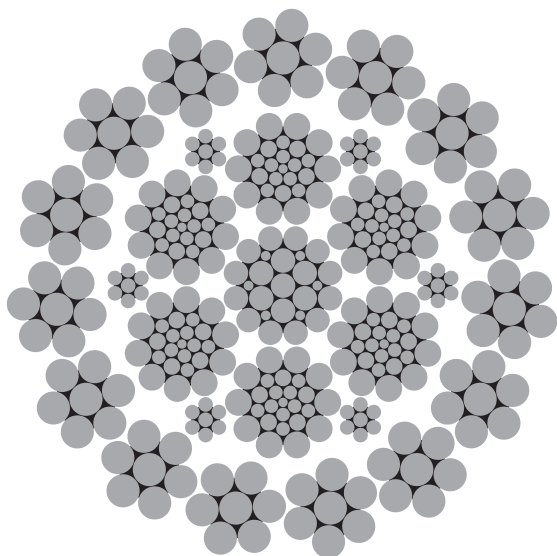
PLEASE NOTE

Due to the high stability of their rope structure non-rotation resistant ropes in ordinary lay have been used successfully both in single-layer and multi-layer spooling. In multi-layer spooling compacted outer strands are advantageous.

In some circumstances, and for optimum wire rope performance, the application in question may necessitate the selection of a different non-rotation resistant DIEPA special wire rope. (see the application table on page 58 for more information).

❓ Should you have any queries in this regard, please contact our specialists.

DIEPA B 40 (D 1315)
 DIEPA B 43
 DIEPA B 45 (D 1315 C)
 DIEPA B 48



PRODUCT

- DIEPA B 40 Ordinary lay
- DIEPA B 43 Ordinary lay with internal plastic component
- ▶ DIEPA B 45 Lang lay
- DIEPA B 48 Lang lay with internal plastic component

PROPERTIES

- Rotation resistant
- Non-compacted outer strands

TECHNICAL DATA

Load-bearing wires in outer strands/ RCN acc. to ISO 4309	105 255 540	Ø 4–49 mm Ø 50–99 mm Ø 100–120 mm	RCN.23-2 RCN.27 RCN.31
Total number of wires	154 238 328 549 1053	Ø 4–5 mm Ø 6–10 mm Ø 11–49 mm Ø 50–99 mm Ø 100–120 mm	
Fill factor	0.6511		
Spinning loss factor	0.7800 at 1770 N/mm ² 0.7800 at 1960 N/mm ² 0.7500 at 2160 N/mm ²		

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
4		7	11.3	1 100	2 400	12.5	1 200	2 600	13.3	1 350	2 900
	3/16	10	15.5	1 580	3 400	17.2	1 750	3 800	18.6	1 900	4 100
5		11	17.7	1 750	3 800	19.5	1 950	4 200	20.7	2 100	4 600
6		16	25.4	2 550	5 600	28.1	2 800	6 100	29.8	3 000	6 600
	1/4	18	28.1	2 860	6 300	31.2	3 180	7 000	33.2	3 380	7 400
6.5		19	29.8	3 000	6 600	33.0	3 350	7 300	35.0	3 550	7 800
7		22	34.6	3 500	7 700	38.3	3 900	8 500	40.6	4 100	9 000
7.5		25	39.7	4 000	8 800	44.0	4 450	9 800	46.6	4 700	10 300
	5/16	28	43.9	4 480	9 800	48.8	4 970	10 900	52.1	5 310	11 700
8		28	45.2	4 550	10 000	49.5	5 050	11 100	53.0	5 400	11 900
8.5		32	51.0	5 150	11 300	56.5	5 700	12 500	59.9	6 050	13 300
9		36	57.2	5 800	12 700	62.8	6 400	14 100	67.0	6 800	14 900
9.5		40	63.7	6 450	14 200	70.6	7 150	15 700	74.8	7 600	16 700
	3/8	40	63.7	6 490	14 300	70.6	7 190	15 800	74.9	7 640	16 800
10		44	70.6	7 200	15 800	78.0	7 950	17 500	82.9	8 450	18 600
11		55	86.8	8 850	19 500	97.1	9 900	21 800	103	10 450	23 000
	7/16	55	88.5	9 020	19 800	99.0	10 090	22 200	104	10 650	23 400
12		65	103	10 550	23 200	115	11 700	25 700	122	12 400	27 300

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1/2	71	115	11 690	25 700	127	12 970	28 500	134	13 710	30 200
13		75	120	12 200	26 800	133	13 550	29 800	140	14 300	31 500
14		87	139	14 150	31 100	154	15 700	34 600	163	16 600	36 500
	5/16	90	144	14 700	32 400	160	16 320	35 900	169	17 250	38 000
15		99	158	16 100	35 400	176	17 900	39 400	185	18 900	41 600
	5/8	111	176	17 980	39 600	196	20 000	44 000	207	21 130	46 500
16		113	179	18 250	40 200	199	20 300	44 700	210	21 450	47 200
17		128	203	20 700	45 600	226	23 000	50 700	238	24 300	53 500
18		143	227	23 100	50 900	252	25 700	56 600	266	27 150	59 800
19		160	255	26 000	57 300	283	28 850	63 600	300	30 550	67 300
	3/4	161	256	26 130	57 600	284	29 000	63 900	301	30 700	67 600
20		177	282	28 750	63 300	313	31 950	70 400	332	33 800	74 500
21		196	311	31 750	69 900	346	35 250	77 700	366	37 350	82 300
22		214	340	34 700	76 400	379	38 600	85 000	400	40 800	89 900
	7/8	218	347	35 420	78 000	386	39 390	86 800	408	41 640	91 700
23		234	372	37 900	83 500	413	42 100	92 800	437	44 550	98 200
24		254	405	41 250	90 900	449	45 800	100 900	475	48 450	106 800
25		277	440	44 900	98 900	490	49 900	110 000	518	52 800	116 400
	1	285	454	46 260	101 900	504	51 400	113 300	534	54 400	119 900
26		298	474	48 350	106 500	527	53 700	118 300	558	56 850	125 300
27		324	515	52 450	115 600	572	58 300	128 500	605	61 650	135 900
28		347	553	56 350	124 200	614	62 600	138 000	649	66 200	145 900
	1 1/8	361	576	58 710	129 400	640	65 210	143 700	677	68 990	152 000
29		373	593	60 450	133 200	659	67 150	148 000	697	71 050	156 600
30		400	637	64 900	143 000	708	72 150	159 000	749	76 300	168 200
31		426	678	69 100	152 300	753	76 800	169 300	797	81 250	179 100
	1 1/4	446	712	72 570	159 900	791	80 640	177 700	837	85 320	188 000
32		455	723	73 750	162 500	804	81 950	180 600	851	86 700	191 100
33		481	766	78 100	172 100	852	86 800	191 300	901	91 800	202 300
34		511	814	82 950	182 800	904	92 150	203 100	956	97 500	214 900
	1 3/8	540	855	87 170	192 100	950	96 880	213 500	1 005	102 470	225 900
35		539	858	87 500	192 900	954	97 250	214 300	1 009	102 850	226 700
36		574	914	93 200	205 400	1 016	103 550	228 200	1 074	109 500	241 400
37		604	961	98 000	216 000	1 068	108 900	240 000	1 130	115 200	253 900
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	1 1/2	642	1 020	104 020	229 300	1 134	115 620	254 800	1 199	122 260	269 500
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40		707	1 125	114 700	252 800	1 250	127 450	280 900	1 323	134 850	297 200
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	1 5/8	754	1 199	122 220	269 400	1 332	135 810	299 400	1 409	143 660	316 700
42		779	1 240	126 450	278 700	1 379	140 550	309 800	1 458	148 650	327 700
43		815	1 297	132 200	291 400	1 441	146 850	323 700	1 524	155 350	342 400
44		855	1 361	138 750	305 800	1 513	154 200	339 900	1 600	163 050	359 400
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	1 7/8	1 003	1 598	162 860	359 000	1 775	180 930	398 800	1 877	191 380	421 900
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52		1 196	1 909	194 100	427 900	2 114	215 700	475 500	2 240	228 150	502 900
53		1 243	1 984	201 650	444 500	2 196	224 050	493 900	2 327	237 000	522 400
	2 1/8	1 289	2 052	209 190	461 100	2 280	232 370	512 200	2 411	245 810	541 900
54		1 290	2 058	209 350	461 500	2 280	232 550	512 600	2 416	246 000	542 300
55		1 338	2 136	217 150	478 700	2 365	241 250	531 800	2 506	255 200	562 600
56		1 387	2 214	225 100	496 200	2 452	250 100	551 300	2 598	264 600	583 300
57		1 437	2 294	233 250	514 200	2 540	259 150	571 300	2 692	274 100	604 200

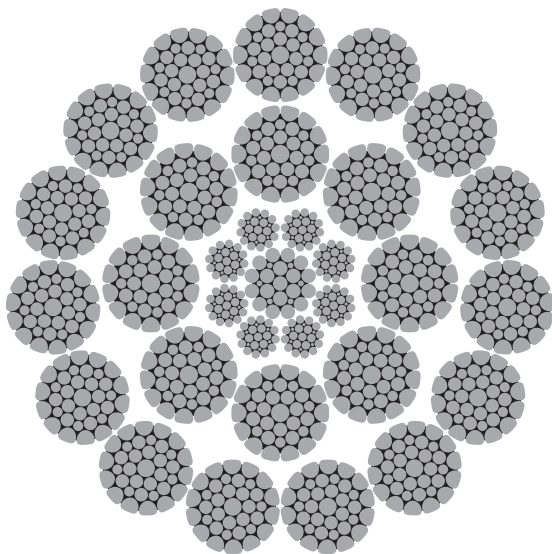
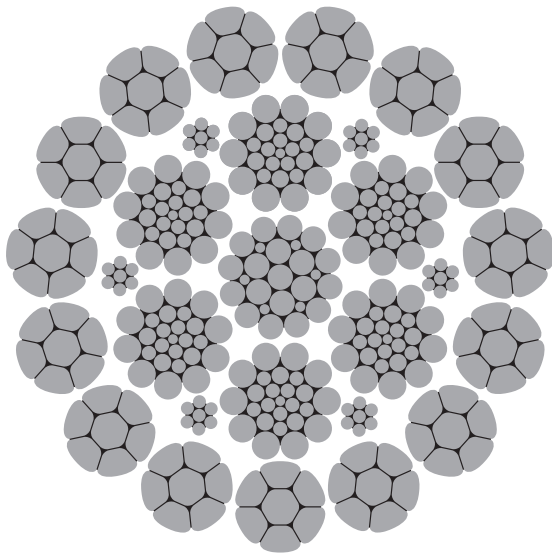
DIEPA B 40 (D 1315)
DIEPA B 43
DIEPA B 45 (D 1315 C)
DIEPA B 48

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
2 1/4	1 445	2 300	234 470	516 900	2 556	260 510	574 300	2 703	275 540	607 400
58	1 488	2 375	241 450	532 300	2 630	268 350	591 600	2 787	283 800	625 600
59	1 540	2 458	249 900	550 900	2 721	277 650	612 100	2 884	293 700	647 400
60	1 592	2 541	258 450	569 700	2 814	287 150	633 000	2 982	303 750	669 600
2 3/8	1 610	2 563	261 300	576 000	2 848	290 310	640 000	3 013	307 090	677 000
61	1 646	2 627	267 150	588 900	2 909	296 800	654 300	3 083	313 950	692 100
62	1 700	2 714	275 950	608 300	3 005	306 600	675 900	3 185	324 300	714 900
63	1 756	2 802	284 900	628 000	3 103	316 600	697 900	3 288	334 850	738 200
2 1/2	1 784	2 840	289 450	638 100	3 155	321 630	709 000	3 337	340 200	750 000
64	1 812	2 891	294 050	648 200	3 202	326 700	720 200	3 393	345 600	761 900
65	1 869	2 983	303 300	668 600	3 303	337 000	742 900	3 500	356 450	785 800
66	1 927	3 076	312 700	689 300	3 405	347 450	765 900	3 608	367 500	810 100
2 5/8	1 966	3 131	319 170	703 600	3 479	354 640	781 800	3 680	375 130	827 000
67	1 986	3 169	322 250	710 400	3 509	358 050	789 300	3 719	378 750	834 900
68	2 045	3 264	331 950	731 800	3 615	368 850	813 100	3 831	390 150	860 100
69	2 106	3 361	341 750	753 400	3 722	379 750	837 100	3 944	401 700	885 500
2 3/4	2 158	3 436	350 240	772 100	3 818	389 170	857 900	4 038	411 630	907 400
70	2 167	3 459	351 750	775 400	3 831	390 850	861 600	4 059	413 400	911 300
71	2 230	3 559	361 900	797 800	3 941	402 100	886 400			
72	2 293	3 660	372 150	820 400	4 053	413 500	911 600			
73	2 357	3 762	382 550	843 300	4 166	425 100	937 100			
2 7/8	2 359	3 765	382 860	844 000	4 169	425 400	937 800			
74	2 422	3 866	393 150	866 700	4 281	436 800	962 900			
75	2 488	3 971	403 800	890 200	4 398	448 650	989 000			
76	2 555	4 078	414 650	914 100	4 515	460 700	1 015 600			
3	2 568	4 099	416 870	919 000	4 539	463 200	1 021 100			
77	2 623	4 186	425 600	938 200	4 636	472 950	1 042 600			
78	2 691	4 295	436 800	962 900	4 756	485 300	1 069 800			
79	2 761	4 406	448 050	987 700	4 879	497 800	1 097 400			
3 1/8	2 787	4 448	452 340	997 200	4 926	502 600	1 108 000			
80	2 831	4 519	459 450	1 012 900	5 004	510 500	1 125 400			
81	2 902	4 632	471 000	1 038 300	5 129	523 350	1 153 700			
82	2 974	4 747	482 700	1 064 100	5 256	536 350	1 182 400			
3 1/4	3 014	4 811	489 250	1 078 600	5 327	543 620	1 198 400			
83	3 047	4 863	494 550	1 090 200	5 386	549 500	1 211 400			
84	3 121	4 982	506 550	1 116 700	5 516	562 850	1 240 800			
85	3 196	5 101	518 700	1 143 500	5 649	576 300	1 270 500			
3 3/8	3 251	5 188	527 610	1 163 100	5 745	586 240	1 292 400			
86	3 272	5 221	530 950	1 170 500	5 782	589 950	1 300 600			
87	3 348	5 344	543 400	1 197 900	5 917	603 750	1 331 000			
88	3 425	5 467	555 950	1 225 600	6 054	617 750	1 361 800			
3 1/2	3 496	5 580	567 410	1 250 900	6 179	630 460	1 389 900			
89	3 504	5 593	568 650	1 253 600	6 192	631 850	1 392 900			
90	3 583	5 719	581 500	1 281 900	6 333	646 150	1 424 500			
91	3 663	5 846	594 500	1 310 600	6 474	660 550	1 456 200			
92	3 744	5 976	607 650	1 339 600	6 617	675 200	1 488 500			
3 5/8	3 750	5 985	608 670	1 341 800	6 628	676 300	1 490 900			
93	3 826	6 106	620 950	1 368 900	6 762	689 900	1 520 900			
94	3 909	6 238	634 350	1 398 400	6 908	704 850	1 553 900			
95	3 992	6 372	647 900	1 428 300	7 056	719 900	1 587 000			
3 3/4	4 013	6 405	651 370	1 436 000	7 093	723 750	1 595 500			
96	4 077	6 507	661 650	1 458 600	7 205	735 150	1 620 700			
97	4 162	6 642	675 500	1 489 200	7 356	750 550	1 654 600			
98	4 248	6 781	689 500	1 520 000	7 508	766 100	1 688 900			
3 7/8	4 285	6 839	695 520	1 533 300	7 574	772 800	1 703 700			
99	4 335	6 919	703 650	1 551 200	7 662	781 800	1 723 500			
100	4 423	7 060	717 950	1 582 700	7 818	797 700	1 758 600			
101	4 512	7 202	732 350	1 614 500	7 975	813 750	1 793 900			
4	4 566	7 288	741 120	1 633 800	8 070	823 460	1 815 300			
102	4 602	7 345	746 950	1 646 700	8 134	829 950	1 829 700			

On request

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
103		4 693	7 490	761 650	1 679 100	8 294	846 300	1 865 700	On request		
104		4 784	7 636	776 500	1 711 800	8 456	862 800	1 902 100			
	4 1/8	4 856	7 750	788 160	1 737 500	8 582	875 740	1 930 600			
105		4 877	7 784	791 500	1 744 900	8 619	879 450	1 938 800			
106		4 970	7 933	806 650	1 778 300	8 784	896 300	1 975 900			
107		5 064	8 083	821 950	1 812 000	8 951	913 300	2 013 400			
	4 1/4	5 155	8 227	836 650	1 844 400	9 110	929 610	2 049 400			
108		5 159	8 234	837 400	1 846 100	9 119	930 450	2 051 200			
109		5 255	8 388	853 000	1 880 500	9 288	947 750	2 089 400			
110		5 352	8 543	868 700	1 915 100	9 460	965 250	2 127 900			
111		5 450	8 699	884 550	1 950 000	9 632	982 850	2 166 700			
	4 3/8	5 462	8 718	886 600	1 954 500	9 654	985 100	2 171 700			
112		5 549	8 856	900 550	1 985 300	9 807	1 000 650	2 206 000			
113		5 648	9 015	916 750	2 021 000	9 982	1 018 600	2 245 600			
114		5 749	9 175	933 000	2 056 800	10 160	1 036 700	2 285 500			
	4 1/2	5 779	9 224	937 980	2 067 800	10 214	1 042 200	2 297 600			
115		5 850	9 337	949 450	2 093 100	10 339	1 054 950	2 325 700			
116		5 952	9 500	966 050	2 129 700	10 520	1 073 400	2 366 400			
117		6 055	9 664	982 800	2 166 600	10 702	1 092 000	2 407 400			
	4 5/8	6 104	9 743	990 810	2 184 300	10 789	1 100 910	2 427 000			
118		6 159	9 830	999 650	2 203 800	10 886	1 110 750	2 448 700			
119		6 264	9 998	1 016 650	2 241 300	11 071	1 129 650	2 490 400			
120		6 370	10 167	1 033 850	2 279 200	11 258	1 148 700	2 532 400			

DIEPA **B 50** (D 1315 Z)
 DIEPA **B 53** (D 1315 ZP)
 DIEPA **B 55** (D 1315 CZ)
 DIEPA **B 58** (D 1315 CZP)



PRODUCT

- DIEPA **B 50** Ordinary lay
- DIEPA **B 53** Ordinary lay with internal plastic component
- ▶ DIEPA **B 55** Lang lay
- DIEPA **B 58** Lang lay with internal plastic component

PROPERTIES

- Rotation resistant
- Compacted outer strands
- High breaking force

TECHNICAL DATA

Load-bearing wires	105	Ø 4–49 mm	RCN.23-2
in outer strands/	255	Ø 50–99 mm	RCN.27
RCN acc. to ISO 4309	540	Ø 100–120 mm	RCN.31
Total number	154	Ø 4–5 mm	
of wires	238	Ø 6–10 mm	
	328	Ø 11–49 mm	
	549	Ø 50–99 mm	
	1053	Ø 100–120 mm	
Fill factor	0.7145		
Spinning loss factor	0.8350	at 1770 N/mm ²	
	0.8350	at 1960 N/mm ²	
	0.8150	at 2160 N/mm ²	

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
4		8	13.3	1 300	2 800	14.7	1 450	3 100	15.8	1 550	3 400
	3/16	11	18.1	1 850	4 000	20.3	2 070	4 500	21.7	2 210	4 800
5		12	20.7	2 050	4 500	23.0	2 300	5 000	24.7	2 450	5 400
6		17	29.9	3 000	6 600	33.1	3 300	7 200	35.6	3 550	7 800
	1/4	20	32.8	3 340	7 300	36.4	3 710	8 100	39.1	3 990	8 700
6.5		21	35.0	3 500	7 700	38.8	3 900	8 500	41.7	4 200	9 200
7		24	40.6	4 050	8 900	45.0	4 550	10 000	48.4	4 850	10 600
7.5		27	46.7	4 700	10 300	51.7	5 250	11 500	55.6	5 600	12 300
	5/16	31	51.6	5 260	11 500	57.5	5 860	12 900	61.8	6 300	13 800
8		31	53.1	5 350	11 700	58.8	5 950	13 100	63.2	6 400	14 100
8.5		35	59.9	6 050	13 300	66.4	6 750	14 800	71.4	7 250	15 900
9		39	67.2	6 800	14 900	74.4	7 550	16 600	80.0	8 150	17 900
9.5		44	74.9	7 550	16 600	82.9	8 400	18 500	88.8	9 000	19 800
	3/8	44	74.9	7 590	16 700	82.9	8 450	18 600	88.9	9 060	19 900
10		49	82.4	8 400	18 500	91.7	9 350	20 600	98.6	10 050	22 100
11		59	101	10 300	22 700	112	11 450	25 200	120	12 250	27 000
	7/16	60	103	10 490	23 100	114	11 660	25 700	122	12 480	27 500
12		70	119	12 100	26 600	132	13 450	29 600	142	14 450	31 800

DIEPA B 50 (D 1315 Z)
 DIEPA B 53 (D 1315 ZP)
 DIEPA B 55 (D 1315 CZ)
 DIEPA B 58 (D 1315 CZP)



Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1/2	78	134	13 650	30 000	149	15 170	33 400	160	16 280	35 800
13		83	141	14 350	31 600	156	15 950	35 100	168	17 100	37 600
14		95	162	16 550	36 400	181	18 400	40 500	194	19 750	43 500
	5/16	99	169	17 220	37 900	188	19 140	42 100	202	20 550	45 300
15		109	186	18 950	41 700	207	21 050	46 400	222	22 600	49 800
	3/8	122	211	21 490	47 300	234	23 850	52 500	251	25 620	56 400
16		126	214	21 850	48 100	238	24 250	53 400	256	26 050	57 400
17		141	240	24 500	54 000	267	27 250	60 000	287	29 250	64 400
18		159	271	27 600	60 800	301	30 650	67 500	323	32 900	72 500
19		176	300	30 550	67 300	333	33 950	74 800	358	36 450	80 300
	3/4	176	301	30 720	67 700	335	34 140	75 200	360	36 650	80 700
20		196	334	34 050	75 000	371	37 850	83 400	398	40 600	89 500
21		218	371	37 800	83 300	412	42 000	92 500	442	45 100	99 400
22		238	406	41 400	91 200	451	46 000	101 400	485	49 400	108 900
	7/8	240	414	42 230	93 100	460	46 920	103 400	494	50 390	111 000
23		260	442	45 100	99 400	491	50 100	110 400	528	53 800	118 600
24		282	481	49 000	108 000	534	54 450	120 000	573	58 450	128 800
25		301	512	52 200	115 000	569	58 000	127 800	611	62 300	137 300
	1	313	529	53 880	118 700	587	59 870	131 900	631	64 290	141 700
26		325	554	56 450	124 400	616	62 750	138 300	661	67 350	148 400
27		350	596	60 750	133 900	662	67 500	148 800	711	72 450	159 700
28		383	652	66 500	146 600	725	73 900	162 900	778	79 350	174 900
	1 1/8	396	675	68 800	151 600	750	76 460	168 500	805	82 080	180 900
29		406	692	70 500	155 400	769	78 350	172 700	825	84 100	185 400
30		434	740	75 450	166 300	822	83 800	184 700	883	90 000	198 400
31		461	786	80 150	176 600	874	89 050	196 300	938	95 650	210 800
	1 1/4	489	829	84 520	186 300	921	93 900	207 000	989	100 800	222 200
32		495	844	86 000	189 500	937	95 550	210 600	1 006	102 550	226 000
33		525	895	91 250	201 100	995	101 400	223 500	1 068	108 900	240 000
34		559	952	97 000	213 800	1 058	107 800	237 600	1 136	115 750	255 100
	1 3/8	592	1 009	102 850	226 700	1 121	114 250	251 800	1 204	122 710	270 500
35		595	1 013	103 300	227 700	1 126	114 750	252 900	1 209	123 250	271 700
36		629	1 072	109 300	240 900	1 191	121 450	267 700	1 279	130 400	287 400
37		665	1 132	115 400	254 400	1 258	128 250	282 700	1 351	137 700	303 500
38		701	1 194	121 750	268 400	1 327	135 300	298 200	1 425	145 250	320 200
	1 1/2	705	1 201	122 390	269 800	1 334	136 010	299 800	1 432	146 010	321 800
39		738	1 258	128 250	282 700	1 398	142 500	314 100	1 501	153 000	337 300
40		777	1 323	134 900	297 400	1 471	149 900	330 400	1 579	160 950	354 800
41		816	1 390	141 700	312 300	1 545	157 500	347 200	1 659	169 100	372 700
	1 5/8	827	1 409	143 650	316 600	1 566	159 650	351 900	1 682	171 410	377 800
42		856	1 459	148 750	327 900	1 621	165 250	364 300	1 741	177 450	391 200
43		898	1 529	155 900	343 600	1 700	173 250	381 900	1 825	186 000	410 000
44		940	1 601	163 250	359 900	1 780	181 400	399 900	1 910	194 750	429 300
	1 3/4	959	1 634	166 600	367 200	1 816	185 130	408 100	1 950	198 770	438 200
45		983	1 675	170 750	376 400	1 861	189 750	418 300	1 999	203 750	449 100
46		1 027	1 750	178 400	393 300	1 945	198 250	437 000	2 088	212 850	469 200
47		1 072	1 827	186 250	410 600	2 030	206 950	456 200	2 180	222 250	489 900
	1 7/8	1 101	1 877	191 300	421 700	2 085	212 530	468 500	2 239	228 210	503 100
48		1 118	1 906	194 300	428 300	2 117	215 850	475 800	2 273	231 750	510 900
49		1 165	1 986	202 450	446 300	2 207	224 950	495 900	2 370	241 550	532 500
50		1 214	2 068	210 800	464 700	2 298	234 250	516 400	2 467	251 500	554 400
	2	1 253	2 135	217 620	479 700	2 372	241 790	533 000	2 547	259 600	572 300
51		1 263	2 152	219 350	483 500	2 391	243 700	537 200	2 567	261 650	576 800
52		1 313	2 237	228 000	502 600	2 485	253 350	558 500	2 668	272 000	599 600
53		1 364	2 323	236 850	522 100	2 582	263 200	580 200	2 772	282 600	623 000
	2 1/8	1 414	2 410	245 710	541 600	2 679	273 040	601 900	2 876	293 180	646 300
54		1 415	2 412	245 900	542 100	2 681	273 250	602 400	2 878	293 400	646 800
55		1 468	2 503	255 100	562 300	2 781	283 450	624 800	2 986	304 350	670 900
56		1 522	2 594	264 450	583 000	2 883	293 850	647 800	3 095	315 500	695 500
57		1 577	2 695	274 000	604 000	2 984	304 400	671 000	3 209	326 850	720 500

DIEPA B 50 (D 1315 Z)
 DIEPA B 53 (D 1315 ZP)
 DIEPA B 55 (D 1315 CZ)
 DIEPA B 58 (D 1315 CZP)

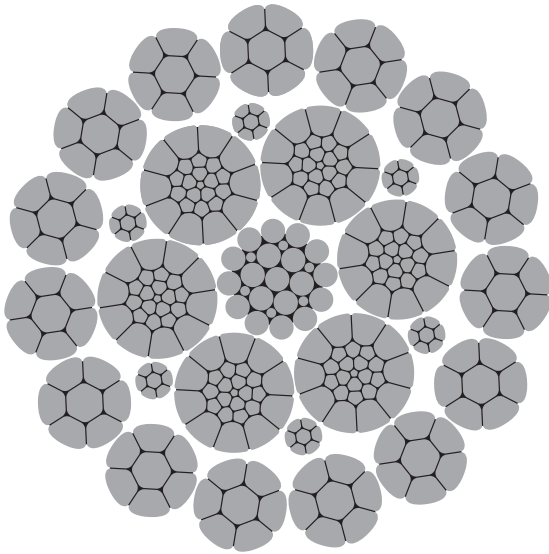
Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	2¼	1 585	2 702	275 430	607 200	3 002	306 010	674 600	3 223	328 570	724 300
58		1 633	2 790	283 650	625 300	3 090	315 250	695 000	3 324	338 450	746 100
59		1 690	2 887	293 550	647 100	3 197	326 150	719 000	3 438	350 200	772 000
60		1 747	2 986	303 600	669 300	3 307	337 300	743 600	3 557	362 150	798 300
	2½	1 766	3 011	306 940	676 600	3 345	341 020	751 800	3 592	366 150	807 200
61		1 806	3 086	313 800	691 800	3 418	348 650	768 600	3 676	374 350	825 200
62		1 866	3 188	324 150	714 600	3 530	360 200	794 000	3 797	386 750	852 600
63		1 927	3 292	334 750	737 900	3 645	371 950	820 000	3 921	399 350	880 400
	2½	1 957	3 336	340 050	749 600	3 707	377 850	833 000	3 980	405 690	894 300
64		1 988	3 397	345 400	761 400	3 762	383 800	846 100	4 046	412 100	908 500
65		2 051	3 504	356 300	785 400	3 880	395 900	872 800	4 174	425 100	937 100
66		2 114	3 613	367 400	809 900	4 000	408 150	899 800	4 303	438 250	966 100
	2¾	2 158	3 678	374 960	826 600	4 087	416 620	918 400	4 388	447 300	986 100
67		2 179	3 723	378 550	834 500	4 122	420 650	927 300	4 434	451 600	995 500
68		2 245	3 835	389 950	859 600	4 247	433 300	955 200	4 568	465 200	1 025 500
69		2 311	3 949	401 550	885 200	4 373	446 100	983 400	4 703	479 000	1 056 000
	2¾	2 368	4 037	411 480	907 100	4 485	457 180	1 007 800	4 815	490 840	1 082 100
70		2 379	4 064	413 250	911 000	4 500	459 150	1 012 200	4 840	492 950	1 086 700
71		2 447	4 181	425 100	937 100	4 630	472 400	1 041 400			
72		2 516	4 299	437 200	963 800	4 761	485 800	1 070 900			
73		2 587	4 420	449 400	990 700	4 894	499 350	1 100 800			
	2¾	2 589	4 423	449 770	991 500	4 898	499 740	1 101 700			
74		2 658	4 542	461 800	1 018 000	5 029	513 100	1 131 100			
75		2 730	4 665	474 400	1 045 800	5 166	527 100	1 162 000			
76		2 804	4 790	487 100	1 073 800	5 305	541 250	1 193 200			
	3	2 819	4 816	489 730	1 079 600	5 333	544 140	1 199 600			
77		2 878	4 917	500 000	1 102 300	5 445	555 600	1 224 800			
78		2 953	5 046	513 100	1 131 100	5 588	570 100	1 256 800			
79		3 029	5 176	526 350	1 160 300	5 731	584 850	1 289 300			
	3¼	3 058	5 225	531 390	1 171 500	5 786	590 430	1 301 600			
80		3 107	5 308	539 750	1 189 900	5 878	599 700	1 322 000			
81		3 185	5 442	553 350	1 219 900	6 025	614 850	1 355 400			
82		3 264	5 577	567 050	1 250 100	6 176	630 100	1 389 100			
	3¼	3 308	5 652	574 750	1 267 000	6 258	638 610	1 407 800			
83		3 344	5 714	581 000	1 280 800	6 327	645 550	1 423 100			
84		3 425	5 852	595 100	1 311 900	6 480	661 200	1 457 600			
85		3 507	5 992	609 300	1 343 200	6 636	677 050	1 492 600			
	3¾	3 567	6 095	619 820	1 366 400	6 749	688 680	1 518 200			
86		3 590	6 134	623 750	1 375 100	6 793	693 050	1 527 800			
87		3 674	6 278	638 350	1 407 300	6 951	709 250	1 563 600			
88		3 759	6 423	653 100	1 439 800	7 113	725 650	1 599 700			
	3½	3 836	6 555	666 580	1 469 500	7 258	740 640	1 632 800			
89		3 845	6 570	668 050	1 472 700	7 275	742 300	1 636 400			
90		3 932	6 718	683 150	1 506 000	7 439	759 050	1 673 400			
91		4 020	6 868	698 400	1 539 600	7 605	776 000	1 710 700			
92		4 109	7 020	713 850	1 573 700	7 773	793 150	1 748 500			
	3½	4 115	7 031	715 040	1 576 300	7 786	794 490	1 751 500			
93		4 198	7 173	729 450	1 608 100	7 943	810 500	1 786 800			
94		4 289	7 329	745 200	1 642 800	8 115	828 000	1 825 400			
95		4 381	7 485	761 150	1 678 000	8 289	845 750	1 864 500			
	3¾	4 404	7 525	765 210	1 686 900	8 332	850 230	1 874 400			
96		4 474	7 644	777 300	1 713 600	8 464	863 600	1 903 800			
97		4 567	7 804	793 550	1 749 400	8 641	881 750	1 943 900			
98		4 662	7 965	810 000	1 785 700	8 820	900 000	1 984 100			
	3¾	4 702	8 035	817 070	1 801 300	8 897	907 860	2 001 400			
99		4 758	8 129	826 650	1 822 400	9 001	918 500	2 024 900			
100		4 854	8 294	843 400	1 859 300	9 184	937 100	2 065 900			
101		4 952	8 460	860 350	1 896 700	9 369	955 900	2 107 300			
	4	5 011	8 561	870 630	1 919 300	9 480	967 370	2 132 600			
102		5 050	8 629	877 500	1 934 500	9 555	974 950	2 149 300			

On request

DIEPA **B 50** (D 1315 Z)
 DIEPA **B 53** (D 1315 ZP)
 DIEPA **B 55** (D 1315 CZ)
 DIEPA **B 58** (D 1315 CZP)



Diameter		Weight kg/100m	Min. breaking force 1770 N/mm²			Min. breaking force 1960 N/mm²			Min. breaking force 2160 N/mm²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
103		5 150	8 799	894 750	1 972 500	9 744	994 150	2 191 700	On request		
104		5 250	8 970	912 200	2 011 000	9 933	1 013 600	2 234 500			
	4 1/8	5 329	9 105	925 900	2 041 200	10 082	1 028 770	2 268 000			
105		5 352	9 144	929 850	2 049 900	10 125	1 033 150	2 277 600			
106		5 454	9 319	947 650	2 089 100	10 319	1 052 950	2 321 300			
107		5 557	9 496	965 600	2 128 700	10 515	1 072 900	2 365 300			
	4 1/4	5 657	9 665	982 870	2 166 800	10 702	1 092 070	2 407 500			
108		5 662	9 673	983 750	2 168 700	10 712	1 093 050	2 409 700			
109		5 767	9 854	1 002 050	2 209 100	10 912	1 113 350	2 454 400			
110		5 873	10 036	1 020 500	2 249 700	11 113	1 133 900	2 499 700			
111		5 981	10 219	1 039 150	2 290 900	11 316	1 154 600	2 545 400			
	4 3/8	5 994	10 242	1 041 530	2 296 100	11 341	1 157 250	2 551 200			
112		6 089	10 404	1 057 950	2 332 300	11 520	1 175 550	2 591 600			
113		6 198	10 590	1 076 950	2 374 200	11 727	1 196 600	2 638 000			
114		6 308	10 779	1 096 100	2 416 400	11 935	1 217 850	2 684 800			
	4 1/2	6 342	10 835	1 101 890	2 429 200	11 999	1 224 330	2 699 100			
115		6 420	10 969	1 115 400	2 459 000	12 146	1 239 300	2 732 100			
116		6 532	11 160	1 134 850	2 501 800	12 358	1 261 000	2 780 000			
117		6 645	11 353	1 154 550	2 545 300	12 572	1 282 850	2 828 100			
	4 5/8	6 699	11 446	1 163 960	2 566 000	12 674	1 293 290	2 851 100			
118		6 759	11 548	1 174 350	2 588 900	12 788	1 304 850	2 876 600			
119		6 874	11 745	1 194 350	2 633 000	13 006	1 327 050	2 925 600			
120		6 990	11 943	1 214 500	2 677 400	13 225	1 349 450	2 974 900			



PRODUCT

- DIEPA B 60 Ordinary lay
- DIEPA B 63 Ordinary lay with internal plastic component
- ▶ DIEPA B 65 Lang lay
- DIEPA B 68 Lang lay with internal plastic component

PROPERTIES

- Rotation resistant
- Compacted outer strands
- Very high breaking force

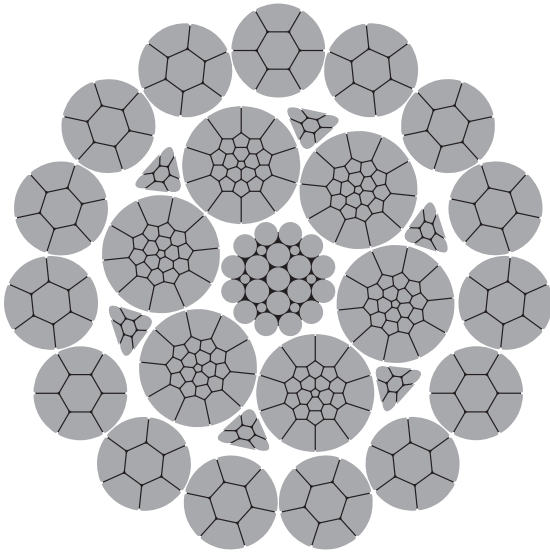
TECHNICAL DATA

Load-bearing wires	105 Ø 12–49 mm	RCN.23-2
in outer strands/	255 Ø 50–70 mm	RCN.27
RCN acc. to ISO 4309		
Total number	328 Ø 12–49 mm	
of wires	549 Ø 50–70 mm	
Fill factor	0.7357	
Spinning loss factor	0.8450 at 1770 N/mm ²	
	0.8450 at 1960 N/mm ²	
	0.8250 at 2160 N/mm ²	

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
12	72	123	12 550	27 600	137	13 950	30 700	148	15 000	33 000
1/2	80	139	14 170	31 200	154	15 740	34 700	166	16 900	37 200
13	85	147	14 900	32 800	162	16 550	36 400	175	17 750	39 100
14	98	169	17 200	37 900	188	19 100	42 100	202	20 500	45 100
5/16	102	176	17 890	39 400	195	19 890	43 800	209	21 340	47 000
15	112	194	19 650	43 300	215	21 900	48 200	232	23 500	51 800
5/8	125	218	22 270	49 000	243	24 790	54 600	261	26 650	58 700
16	130	223	22 650	49 900	248	25 200	55 500	266	27 100	59 700
17	145	250	25 450	56 100	278	28 300	62 300	299	30 400	67 000
18	163	281	28 650	63 100	313	31 850	70 200	337	34 200	75 300
19	181	312	31 750	69 900	347	35 300	77 800	373	37 950	83 600
3/4	181	313	31 920	70 300	348	35 490	78 200	374	38 150	84 100
20	201	347	35 400	78 000	386	39 300	86 600	416	42 200	93 000
21	224	386	39 250	86 500	428	43 650	96 200	461	46 900	103 300
22	245	422	43 000	94 700	470	47 800	105 300	505	51 350	113 200
7/8	247	430	43 870	96 700	478	48 760	107 400	514	52 370	115 400
23	267	460	46 850	103 200	512	52 050	114 700	550	55 900	123 200
24	290	500	50 950	112 300	556	56 600	124 700	598	60 800	134 000
25	309	532	54 250	119 500	592	60 250	132 800	637	64 800	142 800

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
1	322	549	56 000	123 400	610	62 220	137 100	656	66 870	147 400
26	334	577	58 700	129 400	640	65 250	143 800	689	70 050	154 400
27	360	620	63 150	139 200	689	70 150	154 600	740	75 350	166 100
28	394	678	69 150	152 400	754	76 850	169 400	811	82 500	181 800
1 1/8	407	702	71 530	157 600	780	79 520	175 300	837	85 340	188 100
29	417	719	73 300	161 500	800	81 500	179 600	860	87 450	192 700
30	446	770	78 450	172 900	856	87 200	192 200	919	93 550	206 200
31	474	818	83 350	183 700	909	92 600	204 100	977	99 450	219 200
1 1/4	503	862	87 860	193 600	958	97 640	215 200	1 029	104 860	231 100
32	509	877	89 400	197 000	975	99 350	219 000	1 048	106 700	235 200
33	540	931	94 900	209 200	1 035	105 450	232 400	1 113	113 250	249 600
34	575	990	100 900	222 400	1 100	112 100	247 100	1 183	120 450	265 500
1 3/8	609	1 049	106 930	235 700	1 166	118 830	261 900	1 252	127 650	281 400
35	612	1 054	107 400	236 700	1 171	119 350	263 100	1 258	128 200	282 600
36	647	1 115	113 650	250 500	1 240	126 300	278 400	1 332	135 650	299 000
37	684	1 178	120 050	264 600	1 309	133 400	294 000	1 406	143 300	315 900
38	721	1 243	126 650	279 200	1 381	140 700	310 100	1 483	151 100	333 100
1 1/2	725	1 249	127 310	280 600	1 388	141 440	311 800	1 490	151 900	334 800
39	759	1 309	133 400	294 000	1 455	148 250	326 800	1 562	159 200	350 900
40	799	1 377	140 350	309 400	1 530	155 900	343 600	1 643	167 450	369 100
41	839	1 446	147 450	325 000	1 608	163 800	361 100	1 727	175 950	387 800
1 5/8	850	1 466	149 460	329 400	1 629	166 040	366 000	1 750	178 350	393 100
42	880	1 518	154 700	341 000	1 687	171 900	378 900	1 812	184 600	406 900
43	923	1 591	162 150	357 400	1 769	180 200	397 200	1 899	193 500	426 500
44	966	1 666	169 800	374 300	1 851	188 650	415 800	1 989	202 650	446 700
1 3/4	986	1 700	173 280	382 000	1 889	192 540	424 400	2 029	206 830	455 900
45	1 011	1 743	177 600	391 500	1 936	197 350	435 000	2 080	212 000	467 300
46	1 056	1 821	185 600	409 100	2 023	206 200	454 500	2 173	221 500	488 300
47	1 102	1 901	193 750	427 100	2 113	215 300	474 600	2 269	231 200	509 700
1 7/8	1 132	1 952	198 990	438 600	2 169	221 100	487 400	2 329	237 440	523 400
48	1 149	1 983	202 100	445 500	2 203	224 550	495 000	2 366	241 150	531 600
49	1 198	2 067	210 600	464 200	2 296	234 000	515 800	2 466	251 300	554 000
50	1 248	2 152	219 300	483 400	2 391	243 650	537 100	2 567	261 650	576 800
2	1 288	2 221	226 360	499 000	2 467	251 510	554 400	2 650	270 110	595 400
51	1 298	2 239	228 150	502 900	2 488	253 500	558 800	2 672	272 250	600 200
52	1 350	2 327	237 150	522 800	2 586	263 550	581 000	2 778	283 050	624 000
53	1 402	2 417	246 400	543 200	2 687	273 800	603 600	2 885	294 050	648 200
2 1/8	1 454	2 507	255 560	563 400	2 786	284 030	626 100	2 992	305 020	672 400
54	1 455	2 510	255 750	563 800	2 788	284 250	626 600	2 995	305 250	672 900
55	1 509	2 603	265 400	585 100	2 893	294 900	650 100	3 107	316 700	698 100
56	1 565	2 699	275 100	606 400	2 999	305 700	673 900	3 221	328 300	723 700
57	1 621	2 803	285 000	628 300	3 105	316 700	698 100	3 340	340 100	749 700
2 1/4	1 630	2 811	286 500	631 600	3 123	318 360	701 800	3 354	341 890	753 700
58	1 679	2 902	295 100	650 500	3 214	327 900	722 800	3 459	352 150	776 300
59	1 737	3 004	305 350	673 100	3 326	339 300	748 000	3 578	364 400	803 300
60	1 796	3 106	315 800	696 200	3 440	350 900	773 500	3 701	376 850	830 800
2 3/8	1 814	3 132	319 290	703 900	3 480	354 770	782 100	3 738	381 010	839 900
61	1 857	3 211	326 450	719 600	3 555	362 700	799 600	3 825	389 550	858 800
62	1 918	3 317	337 200	743 300	3 673	374 700	826 000	3 951	402 400	887 100
63	1 981	3 424	348 200	767 600	3 792	386 900	852 900	4 080	415 550	916 100
2 1/2	2 012	3 470	353 720	779 800	3 856	393 070	866 500	4 141	422 140	930 600
64	2 044	3 534	359 300	792 100	3 913	399 300	880 200	4 211	428 800	945 300
65	2 108	3 646	370 650	817 100	4 037	411 850	907 900	4 343	442 350	975 200
66	2 173	3 759	382 150	842 400	4 162	424 600	936 000	4 478	456 050	1 005 400
2 5/8	2 218	3 826	390 050	859 900	4 252	433 410	955 400	4 566	465 470	1 026 100
67	2 240	3 873	393 800	868 100	4 289	437 600	964 700	4 615	469 950	1 036 000
68	2 308	3 990	405 650	894 200	4 418	450 750	993 700	4 754	484 100	1 067 200
69	2 376	4 108	417 700	920 800	4 549	464 100	1 023 100	4 894	498 450	1 098 800
2 3/4	2 434	4 199	428 050	943 600	4 665	475 560	1 048 400	5 011	510 760	1 126 000
70	2 446	4 228	429 900	947 700	4 681	477 600	1 052 900	5 037	512 950	1 130 800

DIEPA B 70
 DIEPA B 73
 DIEPA B 75
 DIEPA B 78



PRODUCT

- DIEPA B 70 Ordinary lay
- DIEPA B 73 Ordinary lay with internal plastic component
- ▶ DIEPA B 75 Lang lay
- DIEPA B 78 Lang lay with internal plastic component

PROPERTIES

- Rotation resistant
- Compacted outer strands
- Extremely high breaking force

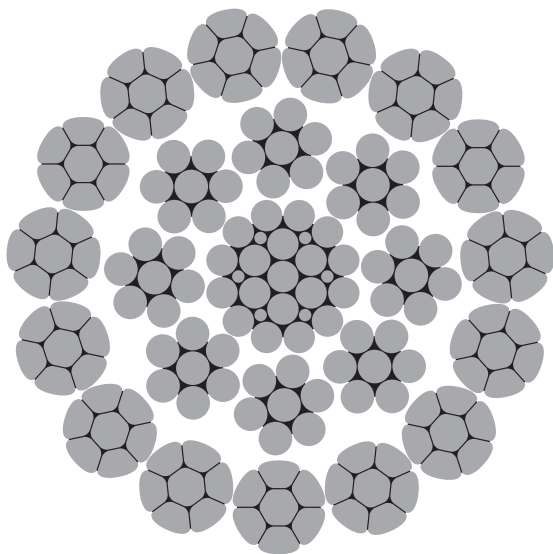
TECHNICAL DATA

Load-bearing wires in outer strands/ RCN acc. to ISO 4309	105 Ø 12–38 mm	RCN.23-2
Total number of wires	328 Ø 12–38 mm	
Fill factor	0.7550	
Spinning loss factor	0.8450	

Diameter mm	Diameter inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
12		74	129	13 200	29 100	144	14 650	32 200	156	15 750	34 700
	1/2	82	146	14 880	32 800	162	16 530	36 400	175	17 750	39 100
13		87	155	15 650	34 500	170	17 400	38 300	184	18 650	41 100
14		100	178	18 050	39 700	198	20 050	44 200	213	21 550	47 500
	5/16	104	185	18 830	41 500	205	20 930	46 100	220	22 480	49 500
15		115	204	20 650	45 500	226	23 000	50 700	244	24 700	54 400
	5/8	128	228	23 240	51 200	254	25 830	56 900	272	27 750	61 100
16		133	235	23 800	52 400	261	26 500	58 400	280	28 500	62 800
17		148	263	26 750	58 900	292	29 750	65 500	315	31 950	70 400
18		167	296	30 100	66 300	329	33 500	73 800	355	35 950	79 200
19		185	328	33 400	73 600	365	37 100	81 700	392	39 900	87 900
	3/4	185	329	33 480	73 800	365	37 200	82 000	392	39 960	88 100
20		206	365	37 200	82 000	406	41 300	91 000	438	44 350	97 700
21		229	406	41 250	90 900	450	45 900	101 100	485	49 300	108 600
22		250	444	45 200	99 600	494	50 250	110 700	531	54 000	119 000
	7/8	252	449	45 580	100 400	497	50 640	111 600	534	54 390	119 900
23		274	484	49 250	108 500	539	54 750	120 700	579	58 800	129 600
24		297	526	53 550	118 000	585	59 500	131 100	629	63 950	140 900

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
25		317	560	57 050	125 700	623	63 350	139 600	670	68 150	150 200
	1	329	586	59 540	131 200	649	66 160	145 800	697	71 050	156 600
26		342	607	61 750	136 100	673	68 600	151 200	725	73 650	162 300
27		368	652	66 400	146 300	725	73 750	162 500	778	79 250	174 700
28		403	713	72 700	160 200	793	80 800	178 100	853	86 750	191 200
	1½	417	741	75 350	166 100	821	83 730	184 600	884	89 920	198 200
29		427	756	77 100	169 900	842	85 700	188 900	905	91 950	202 700
30		457	810	82 500	181 800	901	91 700	202 100	967	98 400	216 900
31		485	861	87 650	193 200	956	97 400	214 700	1 028	104 600	230 600
	1¼	514	915	93 030	205 000	1 013	103 380	227 900	1 090	111 020	244 700
32		521	923	94 000	207 200	1 026	104 500	230 300	1 102	112 200	247 300
33		552	979	99 800	220 000	1 089	110 900	244 400	1 171	119 100	262 500
34		588	1 041	106 100	233 900	1 157	117 900	259 900	1 245	126 700	279 300
	1¾	623	1 108	112 570	248 100	1 227	125 090	275 700	1 318	134 340	296 100
35		626	1 109	112 950	249 000	1 232	125 550	276 700	1 323	134 850	297 200
36		662	1 173	119 550	263 500	1 304	132 850	292 800	1 401	142 700	314 500
37		700	1 239	126 250	278 300	1 377	140 300	309 300	1 479	150 750	332 300
38		737	1 308	133 200	293 600	1 453	148 000	326 200	1 560	158 950	350 400
	1½	742	1 318	133 980	295 300	1 459	148 860	328 100	1 571	159 880	352 400

DIEPA **C 40** (D 915 Z)
 DIEPA **C 43**
 DIEPA **C 45** (D 915 CZ)
 DIEPA **C 48**



PRODUCT

- DIEPA **C 40** Ordinary lay
- DIEPA **C 43** Ordinary lay with internal plastic component
- ▶ DIEPA **C 45** Lang lay
- DIEPA **C 48** Lang lay with internal plastic component

PROPERTIES

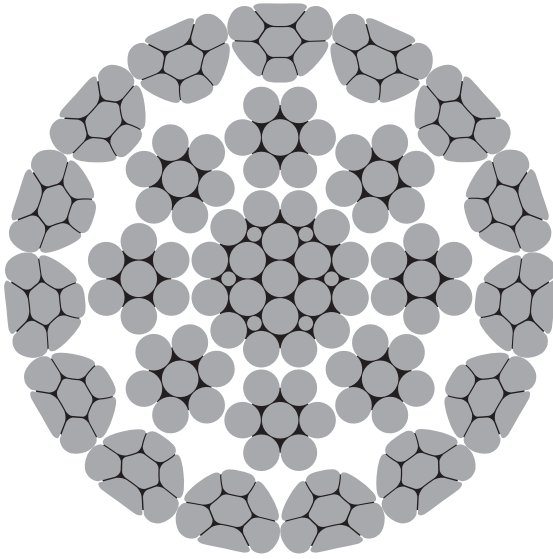
- Rotation resistant
- Compacted outer strands

TECHNICAL DATA

Load-bearing wires in outer strands/ RCN acc. to ISO 4309	105 Ø 6–40 mm	RCN.23-2
Total number of wires	154 Ø 6–7 mm 186 Ø 8–40 mm	
Fill factor	0.6441	
Spinning loss factor	0.8300 at 1770 N/mm ² 0.8300 at 1960 N/mm ² 0.8100 at 2160 N/mm ²	

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
6		17	26.8	2 650	5 800	29.6	2 950	6 500	31.9	3 200	7 000
	¼	19	30.0	3 040	6 700	33.2	3 370	7 400	35.7	3 620	7 900
6.5		20	31.4	3 150	6 900	34.8	3 500	7 700	37.4	3 800	8 300
7		23	36.4	3 700	8 100	40.3	4 100	9 000	43.4	4 400	9 700
7.5		26	41.8	4 200	9 200	46.3	4 650	10 200	49.8	5 050	11 100
	⅜	29	46.8	4 750	10 400	51.8	5 280	11 600	55.8	5 670	12 500
8		30	47.6	4 800	10 500	52.7	5 350	11 700	56.6	5 750	12 600
8.5		34	53.7	5 400	11 900	59.5	6 050	13 300	63.9	6 450	14 200
9		38	60.2	6 100	13 400	66.7	6 800	14 900	71.7	7 250	15 900
9.5		42	67.1	6 800	14 900	74.3	7 550	16 600	79.9	8 100	17 800
	½	42	67.4	6 850	15 100	74.7	7 610	16 700	80.3	8 170	18 000
10		47	74.3	7 550	16 600	82.3	8 350	18 400	88.3	8 950	19 700
11		56	89.9	9 100	20 000	99.6	10 150	22 300	107	10 850	23 900
	⅝	57	91.8	9 320	20 500	102	10 360	22 800	109	11 120	24 500
12		67	107	10 850	23 900	119	12 050	26 500	127	12 950	28 500
	¾	75	120	12 180	26 800	133	13 530	29 800	143	14 530	32 000
13		79	126	12 750	28 100	139	14 150	31 100	150	15 200	33 500
14		91	146	14 800	32 600	161	16 450	36 200	173	17 650	38 900

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	5/16	95	152	15 420	33 900	168	17 130	37 700	181	18 390	40 500
15		105	167	17 000	37 400	185	18 850	41 500	199	20 250	44 600
	5/8	117	187	19 040	41 900	207	21 150	46 600	223	22 710	50 000
16		119	190	19 300	42 500	211	21 450	47 200	227	23 000	50 700
17		135	215	21 800	48 000	238	24 250	53 400	256	26 000	57 300
18		151	241	24 450	53 900	267	27 200	59 900	287	29 200	64 300
19		168	268	27 250	60 000	297	30 300	66 700	319	32 500	71 600
	3/4	169	270	27 420	60 400	299	30 460	67 100	321	32 700	72 000
20		186	297	30 200	66 500	329	33 550	73 900	354	36 000	79 300
21		205	328	33 300	73 400	363	37 000	81 500	390	39 700	87 500
22		225	360	36 550	80 500	398	40 600	89 500	428	43 600	96 100
	7/8	230	367	37 320	82 200	407	41 470	91 400	437	44 520	98 100
23		246	393	39 950	88 000	435	44 400	97 800	468	47 650	105 000
24		268	428	43 500	95 900	474	48 350	106 500	509	51 900	114 400
25		291	464	47 200	104 000	514	52 450	115 600	553	56 300	124 100
	1	300	479	48 750	107 400	531	54 170	119 400	571	58 150	128 100
26		315	502	51 050	112 500	556	56 750	125 100	599	60 900	134 200
27		339	542	55 050	121 300	600	61 200	134 900	646	65 650	144 700
28		365	583	59 250	130 600	645	65 800	145 000	694	70 650	155 700
	1 1/8	380	607	61 710	136 000	672	68 560	151 100	723	73 600	162 200
29		391	625	63 550	140 100	692	70 600	155 600	744	75 750	166 900
30		419	669	68 000	149 900	741	75 550	166 500	796	81 100	178 700
31		447	714	72 600	160 000	791	80 700	177 900	851	86 600	190 900
	1 1/4	469	749	76 180	167 900	830	84 650	186 600	892	90 870	200 300
32		477	761	77 350	170 500	843	85 950	189 400	906	92 250	203 300
33		507	809	82 300	181 400	896	91 400	201 500	964	98 100	216 200
34		538	859	87 350	192 500	951	97 050	213 900	1 023	104 200	229 700
	1 3/8	568	907	92 170	203 100	1 004	102 420	225 700	1 080	109 940	242 300
35		570	910	92 550	204 000	1 008	102 850	226 700	1 085	110 400	243 300
36		603	963	97 900	215 800	1 067	108 800	239 800	1 147	116 800	257 400
37		637	1 018	103 450	228 000	1 126	114 950	253 400	1 212	123 400	272 000
38		672	1 073	109 100	240 500	1 189	121 200	267 100	1 278	130 150	286 900
	1 1/2	676	1 079	109 700	241 800	1 195	121 890	268 700	1 285	130 850	288 400
39		708	1 130	114 900	253 300	1 252	127 650	281 400	1 346	137 050	302 100
40		745	1 189	120 850	266 400	1 316	134 300	296 000	1 416	144 200	317 900



PRODUCT

- DIEPA K 40 Ordinary lay
- ▶ DIEPA K 43 Ordinary lay with internal plastic component
- DIEPA K 45 Lang lay
- DIEPA K 48 Lang lay with internal plastic component

PROPERTIES

- Rotation resistant
- Compacted outer strands
- Compacted rope
- Special rope for drilling rigs with Kelly bar

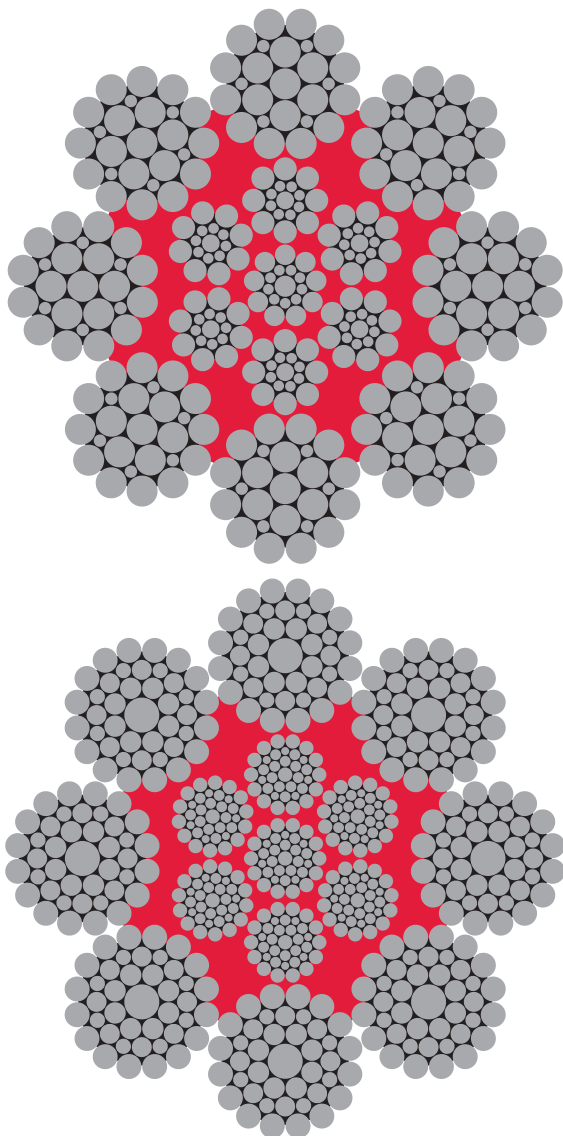
TECHNICAL DATA

Load-bearing wires in outer strands/ RCN acc. to ISO 4309	105 Ø 18–46 mm	RCN.23-2
Total number of wires	186 Ø 18–46 mm	
Fill factor	0.6850	
Spinning loss factor	0.8300	

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
18	157	256	26 000	57 300	284	28 900	63 700	On request		
19	175	286	29 000	63 900	316	32 200	70 900			
¾	176	287	29 160	64 200	318	32 400	71 400			
20	194	316	32 100	70 700	350	35 650	78 500			
21	214	349	35 400	78 000	386	39 350	86 700			
22	234	383	38 850	85 600	423	43 200	95 200			
⅞	239	390	39 690	87 500	432	44 100	97 200			
23	256	418	42 450	93 500	463	47 200	104 000			
24	279	456	46 250	101 900	504	51 400	113 300			
25	303	494	50 200	110 600	547	55 750	122 900			
1	312	510	51 850	114 300	565	57 610	127 000			
26	327	535	54 300	119 700	592	60 300	132 900			
27	353	576	58 550	129 000	638	65 050	143 400			
28	380	620	62 950	138 700	686	70 000	154 300			
1½	395	645	65 620	144 600	715	72 910	160 700			
29	407	665	67 550	148 900	736	75 050	165 400			
30	436	711	72 300	159 300	788	80 300	177 000			
31	465	759	77 200	170 100	841	85 800	189 100			

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1¼	488	797	81 020	178 600	882	90 020	198 400	On request		
32		496	809	82 250	181 300	896	91 400	201 500			
33		527	861	87 500	192 900	953	97 200	214 200			
34		560	914	92 850	204 600	1 012	103 200	227 500			
	1½	591	964	98 030	216 100	1 068	108 920	240 100			
35		593	969	98 400	216 900	1 072	109 350	241 000			
36		628	1 024	104 150	229 600	1 135	115 700	255 000			
37		663	1 082	110 000	242 500	1 199	122 250	269 500			
38		699	1 141	116 000	255 700	1 264	128 900	284 100			
	1½	703	1 147	116 670	257 200	1 270	129 630	285 700			
39		736	1 202	122 200	269 400	1 331	135 800	299 300			
40		775	1 265	128 550	283 400	1 400	142 850	314 900			
41		814	1 329	135 050	297 700	1 472	150 100	330 900			
	1¾	825	1 347	136 920	301 800	1 491	152 130	335 300			
42		854	1 394	141 750	312 500	1 544	157 500	347 200			
43		895	1 462	148 600	327 600	1 619	165 100	363 900			
44		937	1 531	155 550	342 900	1 694	172 850	381 000			
	1¾	957	1 562	158 800	350 000	1 729	176 440	388 900			
45		981	1 600	162 750	358 700	1 772	180 800	398 500			
46		1 025	1 672	170 050	374 800	1 852	188 900	416 400			

DIEPA X40 (S 321)
 DIEPA X43 (P 825)
 DIEPA X45
 DIEPA X48 (P 825 C)



PRODUCT

- DIEPA X40 Ordinary lay
- ▶ DIEPA X43 Ordinary lay with internal plastic component
- DIEPA X45 Lang lay
- DIEPA X48 Lang lay with internal plastic component

PROPERTIES

- Non-rotation resistant
- Non-compacted outer strands
- Use without rope swivel

TECHNICAL DATA

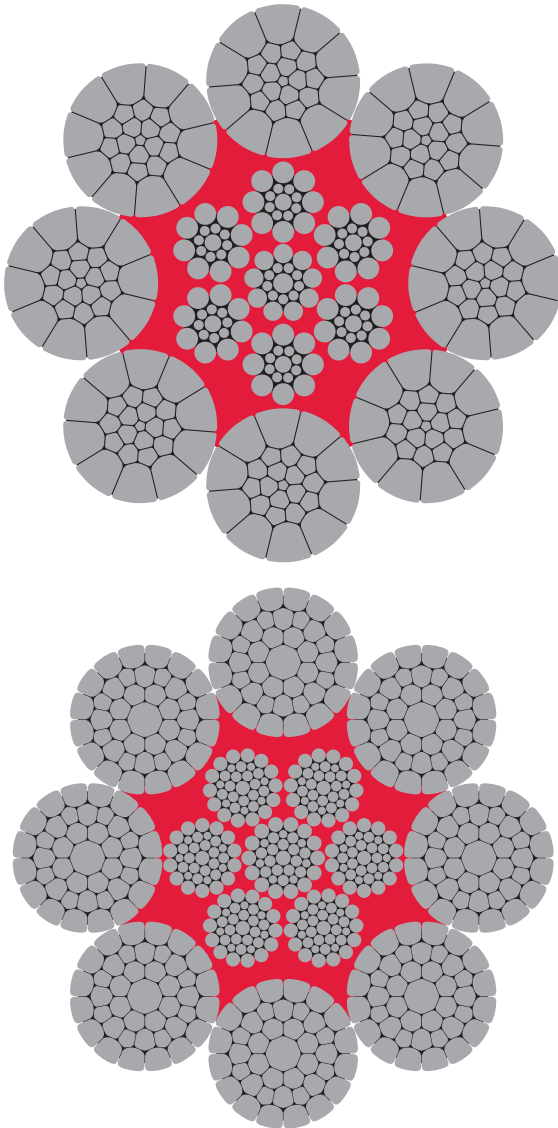
Load-bearing wires	152	Ø 4–49 mm	RCN.06
in outer strands/	288	Ø 50–69 mm	RCN.13
RCN acc. to ISO 4309	328	Ø 70–100 mm	RCN.13
Total number	201	Ø 4–14 mm	
of wires	321	Ø 15–49 mm	
	409	Ø 50–69 mm	
	580	Ø 70–100 mm	
Fill factor	0.6226		
Spinning loss factor	0.8450	at 1770 N/mm ²	
	0.8450	at 1960 N/mm ²	
	0.8350	at 2160 N/mm ²	

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
4		7	11.7	1 150	2 500	13.0	1 300	2 800	14.1	1 400	3 000
	3/16	10	16.3	1 660	3 600	17.8	1 810	3 900	19.5	1 990	4 300
5		11	18.3	1 850	4 000	20.2	2 000	4 400	22.0	2 200	4 800
6		16	26.3	2 650	5 800	29.2	2 950	6 500	31.7	3 200	7 000
	1/4	18	29.0	2 960	6 500	32.3	3 290	7 200	35.1	3 580	7 800
6.5		19	30.9	3 100	6 800	34.2	3 450	7 600	37.3	3 750	8 200
7		22	35.8	3 600	7 900	39.7	4 000	8 800	43.2	4 350	9 500
7.5		25	41.1	4 150	9 100	45.6	4 600	10 100	49.6	5 050	11 100
	5/16	27	43.3	4 410	9 700	48.1	4 900	10 800	52.5	5 350	11 700
8		27	43.7	4 450	9 800	48.6	4 950	10 900	53.4	5 400	11 900
8.5		33	52.8	5 350	11 700	58.5	5 950	13 100	63.7	6 450	14 200
9		35	56.9	5 800	12 700	63.3	6 450	14 200	69.3	7 000	15 400
9.5		41	66.0	6 650	14 600	73.1	7 400	16 300	79.6	8 050	17 700
	3/8	41	66.0	6 660	14 600	73.1	7 420	16 300	79.6	8 070	17 700
10		42	68.2	6 950	15 300	76.0	7 750	17 000	83.0	8 400	18 500
11		54	86.3	8 800	19 400	96.1	9 800	21 600	105	10 650	23 400
	7/16	56	88.4	9 010	19 800	98.4	10 030	22 100	107	10 900	24 000
12		65	106	10 850	23 900	118	12 050	26 500	129	13 100	28 800

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1/2	73	117	11 950	26 300	130	13 290	29 200	142	14 440	31 800
13		76	122	12 450	27 400	136	13 850	30 500	148	15 050	33 100
14		85	137	13 950	30 700	152	15 500	34 100	166	16 850	37 100
	5/16	92	145	14 780	32 500	161	16 430	36 200	175	17 860	39 300
15		103	166	16 900	37 200	184	18 800	41 400	201	20 450	45 000
	3/8	113	184	18 780	41 400	205	20 940	46 100	223	22 720	50 000
16		116	187	19 050	41 900	208	21 250	46 800	227	23 050	50 800
17		130	210	21 400	47 100	233	23 750	52 300	254	25 800	56 800
18		146	236	24 100	53 100	262	26 750	58 900	286	29 050	64 000
19		161	260	26 550	58 500	289	29 500	65 000	316	32 100	70 700
	3/4	163	262	26 680	58 800	291	29 650	65 300	316	32 260	71 100
20		178	288	29 350	64 700	320	32 600	71 800	348	35 400	78 000
21		195	315	32 150	70 800	351	35 750	78 800	382	38 900	85 700
22		223	361	36 750	81 000	401	40 850	90 000	437	44 400	97 800
	7/8	224	367	37 430	82 500	408	41 610	91 700	444	45 230	99 700
23		241	390	39 800	87 700	434	44 250	97 500	473	48 100	106 000
24		261	422	43 050	94 900	469	47 850	105 400	511	52 050	114 700
25		285	462	47 100	103 800	513	52 300	115 300	559	56 900	125 400
	1	290	476	48 500	106 900	529	53 880	118 700	575	58 590	129 100
26		307	497	50 650	111 600	552	56 300	124 100	601	61 200	134 900
27		326	528	53 850	118 700	587	59 850	131 900	640	65 050	143 400
28		358	580	59 100	130 200	645	65 700	144 800	701	71 450	157 500
	1 1/8	367	603	61 430	135 400	670	68 290	150 500	728	74 240	163 600
29		382	620	63 150	139 200	689	70 200	154 700	749	76 300	168 200
30		409	663	67 550	148 900	736	75 050	165 400	802	81 600	179 800
31		434	703	71 650	157 900	781	79 600	175 400	850	86 500	190 600
	1 1/4	453	734	74 820	164 900	816	83 140	183 200	887	90 380	199 200
32		459	745	75 900	167 300	827	84 350	185 900	901	91 700	202 100
33		497	806	82 200	181 200	896	91 300	201 200	975	99 250	218 800
34		528	855	87 200	192 200	951	96 900	213 600	1 035	105 300	232 100
	1 3/8	549	882	89 890	198 100	980	99 870	220 100	1 065	108 550	239 300
35		545	884	90 100	198 600	982	100 100	220 600	1 069	108 800	239 800
36		588	953	97 100	214 000	1 058	107 900	237 800	1 152	117 300	258 500
37		618	1 002	102 150	225 100	1 113	113 500	250 200	1 212	123 400	272 000
38		660	1 069	109 000	240 300	1 188	121 150	267 000	1 293	131 700	290 300
	1 1/2	653	1 074	109 500	241 400	1 194	121 700	268 200	1 298	132 300	291 600
39		691	1 120	114 150	251 600	1 244	126 800	279 500	1 354	137 850	303 900
40		728	1 180	120 300	265 200	1 311	133 650	294 600	1 427	145 250	320 200
41		760	1 232	125 600	276 800	1 369	139 550	307 600	1 490	151 700	334 400
	1 5/8	766	1 253	127 720	281 500	1 392	141 900	312 800	1 513	154 260	340 000
42		806	1 307	133 250	293 700	1 452	148 050	326 300	1 581	160 950	354 800
43		844	1 368	139 400	307 300	1 520	154 900	341 400	1 654	168 400	371 200
44		885	1 434	146 200	322 300	1 594	162 450	358 100	1 734	176 600	389 300
	1 3/4	889	1 453	148 140	326 500	1 615	164 610	362 800	1 755	178 940	394 400
45		911	1 481	150 550	331 900	1 640	167 300	368 800	1 786	181 850	400 900
46		956	1 550	158 050	348 400	1 723	175 600	387 100	1 875	190 850	420 700
47		994	1 616	164 250	362 100	1 789	182 500	402 300	1 948	198 350	437 200
	1 7/8	1 020	1 653	168 510	371 400	1 837	187 230	412 700	1 997	203 520	448 600
48		1 035	1 678	171 050	377 000	1 864	190 050	418 900	2 029	206 600	455 400
49		1 080	1 756	178 500	393 500	1 944	198 400	437 300	2 118	215 600	475 300
50		1 125	1 824	185 950	409 900	2 027	206 600	455 400	2 206	224 650	495 200
	2	1 161	1 882	191 890	423 000	2 092	213 220	470 000	2 274	231 790	511 000
51		1 170	1 902	193 400	426 300	2 107	214 900	473 700	2 294	233 600	514 900
52		1 203	1 951	198 850	438 300	2 168	220 950	487 100	2 359	240 150	529 400
53		1 264	2 054	208 850	460 400	2 275	232 100	511 600	2 477	252 250	556 100
	2 1/8	1 311	2 131	217 220	478 800	2 368	241 350	532 000	2 574	262 340	578 300
54		1 315	2 133	217 400	479 200	2 369	241 550	532 500	2 578	262 550	578 800
55		1 361	2 212	224 950	495 900	2 450	249 950	551 000	2 668	271 700	598 900
56		1 432	2 323	236 750	521 900	2 581	263 050	579 900	2 808	285 900	630 200
57		1 462	2 376	241 600	532 600	2 631	268 450	591 800	2 866	291 800	643 300

DIEPA X40 (S321)
DIEPA X43 (P825)
DIEPA X45
DIEPA X48 (P825C)

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	2¼	1 469	2 387	243 290	536 300	2 652	270 330	595 900	2 883	293 850	647 800
58		1 531	2 482	253 000	557 700	2 758	281 100	619 700	3 001	305 600	673 700
59		1 566	2 546	258 850	570 600	2 819	287 600	634 000	3 070	312 650	689 200
60		1 640	2 659	271 000	597 400	2 954	301 150	663 900	3 214	327 350	721 600
	2½	1 637	2 677	272 870	601 500	2 974	303 210	668 400	3 233	329 590	726 600
61		1 674	2 722	276 700	610 000	3 013	307 450	677 800	3 282	334 200	736 700
62		1 729	2 811	285 850	630 100	3 113	317 600	700 100	3 390	345 250	761 100
63		1 786	2 903	295 150	650 600	3 214	327 950	722 900	3 500	356 500	785 900
	2½	1 814	2 942	299 850	661 000	3 268	333 170	734 500	3 553	362 170	798 400
64		1 843	2 996	304 600	671 500	3 317	338 450	746 100	3 612	367 900	811 000
65		1 901	3 090	314 200	692 600	3 421	349 100	769 600	3 727	379 500	836 600
66		1 960	3 186	323 950	714 100	3 528	359 950	793 500	3 842	391 250	862 500
	2¾	2 000	3 244	330 660	728 900	3 604	367 410	809 900	3 918	399 350	880 400
67		2 019	3 283	333 850	736 000	3 635	370 950	817 700	3 959	403 200	888 800
68		2 080	3 382	343 850	758 000	3 745	382 100	842 300	4 078	415 300	915 500
69		2 142	3 482	354 050	780 500	3 856	393 400	867 200	4 199	427 600	942 600
	2¾	2 195	3 559	362 830	799 800	3 955	403 160	888 800	4 299	438 210	966 000
70		2 204	3 584	364 400	803 300	3 968	404 900	892 600	4 321	440 100	970 200
71		2 268	3 687	374 850	826 300	4 082	416 500	918 200	4 446	452 750	998 100
72		2 332	3 792	385 500	849 800	4 198	428 350	944 300	4 572	465 600	1 026 400
73		2 397	3 897	396 300	873 600	4 315	440 350	970 700	4 700	478 650	1 055 200
	2¾	2 399	3 900	396 610	874 300	4 319	440 680	971 500	4 703	479 010	1 056 000
74		2 463	4 005	407 200	897 700	4 435	452 450	997 400	4 830	491 850	1 084 300
75		2 531	4 114	418 350	922 200	4 555	464 800	1 024 600	4 961	505 250	1 113 800
76		2 598	4 224	429 550	946 900	4 678	477 250	1 052 100			
	3	2 612	4 247	431 850	952 000	4 702	479 830	1 057 800	On request		
77		2 667	4 337	440 950	972 100	4 801	489 900	1 080 000			
78		2 737	4 450	452 450	997 400	4 927	502 750	1 108 300			
79		2 808	4 565	464 150	1 023 200	5 055	515 700	1 136 900			
	3¼	2 834	4 608	468 580	1 033 000	5 102	520 650	1 147 800			
80		2 879	4 680	475 950	1 049 200	5 183	528 850	1 165 900			
81		2 952	4 799	487 900	1 075 600	5 313	542 150	1 195 200			
82		3 025	4 918	500 050	1 102 400	5 445	555 600	1 224 800			
	3¼	3 066	4 984	506 830	1 117 300	5 519	563 140	1 241 400			
83		3 099	5 039	512 350	1 129 500	5 580	569 250	1 254 900			
84		3 174	5 160	524 750	1 156 800	5 715	583 050	1 285 300			
85		3 250	5 284	537 300	1 184 500	5 852	597 000	1 316 100			
	3¾	3 306	5 375	546 560	1 204 900	5 952	607 290	1 338 800			
86		3 327	5 409	550 050	1 212 600	5 989	611 150	1 347 300			
87		3 405	5 536	562 900	1 240 900	6 130	625 450	1 378 800			
88		3 484	5 664	575 950	1 269 700	6 272	639 900	1 410 700			
	3½	3 555	5 780	587 790	1 295 800	6 401	653 100	1 439 800			
89		3 563	5 793	589 050	1 298 600	6 415	654 550	1 443 000			
90		3 644	5 924	602 400	1 328 000	6 560	669 350	1 475 600			
91		3 725	6 056	615 850	1 357 700	6 707	684 300	1 508 600			
92		3 808	6 190	629 450	1 387 600	6 855	699 400	1 541 800			
	3¾	3 814	6 200	630 530	1 390 000	6 866	700 590	1 544 500			
93		3 891	6 326	643 250	1 418 100	7 004	714 700	1 575 600			
94		3 975	6 463	657 150	1 448 700	7 156	730 150	1 609 600			
95		4 060	6 600	671 200	1 479 700	7 309	745 750	1 644 000			
	3¾	4 081	6 635	674 770	1 487 500	7 348	749 740	1 652 800			
96		4 146	6 741	685 400	1 511 000	7 464	761 550	1 678 900			
97		4 233	6 882	699 750	1 542 600	7 620	777 500	1 714 000			
98		4 321	7 024	714 250	1 574 600	7 778	793 650	1 749 600			
	3¾	4 358	7 085	720 500	1 588 400	7 846	800 560	1 764 900			
99		4 409	7 168	728 900	1 606 900	7 937	809 900	1 785 500			
100		4 499	7 313	743 700	1 639 500	8 098	826 350	1 821 700			



PRODUCT

- DIEPA X50 Ordinary lay
- ▶ DIEPA X53 Ordinary lay with internal plastic component
- DIEPA X55 Lang lay
- DIEPA X58 Lang lay with internal plastic component

PROPERTIES

- Non-rotation resistant
- Compacted outer strands
- High breaking force
- Use without rope swivel

TECHNICAL DATA

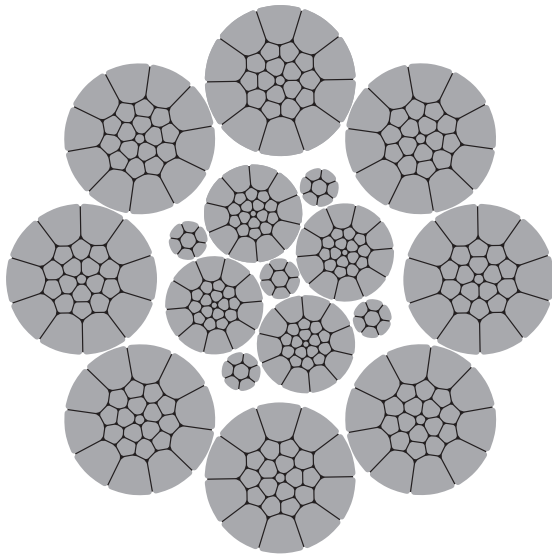
Load-bearing wires	152	Ø 4 – 14 mm	RCN.04
in outer strands/	208	Ø 15 – 44 mm	RCN.09
RCN acc. to ISO 4309	288	Ø 45 – 69 mm	RCN.13
	328	Ø 70 – 100 mm	RCN.13
Total number	201	Ø 4 – 14 mm	
of wires	329	Ø 15 – 44 mm	
	409	Ø 45 – 69 mm	
	580	Ø 70 – 100 mm	
Fill factor	0.6750		
Spinning loss factor	0.8500	at 1770 N/mm ²	
	0.8500	at 1960 N/mm ²	
	0.8400	at 2160 N/mm ²	

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
4		8	12.8	1 250	2 700	14.1	1 400	3 000	15.4	1 550	3 400
	3/16	11	18.1	1 830	4 000	20.0	2 040	4 400	21.8	2 210	4 800
5		12	19.9	1 950	4 200	22.1	2 250	4 900	24.0	2 400	5 200
6		17	28.7	2 850	6 200	31.8	3 200	7 000	34.6	3 450	7 600
	1/4	19	32.2	3 260	7 100	35.6	3 620	7 900	38.8	3 940	8 600
6.5		20	33.7	3 400	7 400	37.3	3 750	8 200	40.6	4 100	9 000
7		23	39.1	3 950	8 700	43.3	4 350	9 500	47.1	4 750	10 400
7.5		27	44.9	4 500	9 900	49.7	5 050	11 100	54.1	5 500	12 100
	5/16	30	50.3	5 100	11 200	55.6	5 670	12 500	60.6	6 160	13 500
8		30	51.0	5 150	11 300	56.5	5 700	12 500	61.6	6 250	13 700
8.5		34	57.6	5 800	12 700	63.8	6 500	14 300	69.5	7 050	15 500
9		38	64.6	6 500	14 300	71.5	7 250	15 900	77.9	7 850	17 300
9.5		43	72.0	7 300	16 000	79.7	8 100	17 800	86.5	8 800	19 400
	3/8	43	72.4	7 350	16 200	80.1	8 160	17 900	87.3	8 880	19 500
10		47	79.8	8 050	17 700	88.4	9 000	19 800	96.6	9 750	21 400
11		57	96.9	9 750	21 400	107	10 850	23 900	117	11 800	26 000
	7/16	58	98.5	10 010	22 000	109	11 120	24 500	119	12 090	26 600
12		68	115	11 600	25 500	128	12 950	28 500	139	14 050	30 900

DIEPA X50 (Z371)
 DIEPA X53 (PZ371)
 DIEPA X55
 DIEPA X58 (PZ371C)

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1/2	76	129	13 080	28 800	142	14 530	32 000	155	15 800	34 800
13		80	135	13 650	30 000	150	15 200	33 500	163	16 500	36 300
14		92	156	15 850	34 900	173	17 600	38 800	188	19 150	42 200
	5/16	96	163	16 540	36 400	180	18 390	40 500	196	19 990	44 000
15		106	179	18 200	40 100	199	20 250	44 600	217	22 000	48 500
	3/8	119	201	20 430	45 000	223	22 710	50 000	242	24 680	54 400
16		121	204	20 700	45 600	226	23 000	50 700	246	25 050	55 200
17		136	230	23 400	51 500	255	26 000	57 300	278	28 300	62 300
18		153	258	26 250	57 800	286	29 150	64 200	312	31 700	69 800
19		170	288	29 200	64 300	319	32 500	71 600	347	35 350	77 900
	3/4	171	289	29 430	64 800	321	32 690	72 000	349	35 540	78 300
20		189	319	32 400	71 400	354	36 000	79 300	385	39 150	86 300
21		208	352	35 700	78 700	389	39 700	87 500	424	43 150	95 100
22		228	386	39 200	86 400	428	43 600	96 100	465	47 350	104 300
	7/8	233	394	40 060	88 300	436	44 510	98 100	475	48 390	106 600
23		250	422	42 850	94 400	468	47 600	104 900	509	51 750	114 000
24		272	459	46 700	102 900	509	51 850	114 300	554	56 400	124 300
25		295	498	50 650	111 600	552	56 300	124 100	601	61 150	134 800
	1	304	515	52 320	115 300	570	58 140	128 100	621	63 200	139 300
26		319	539	54 800	120 800	597	60 900	134 200	650	66 150	145 800
27		344	581	59 100	130 200	643	65 650	144 700	701	71 400	157 400
28		370	626	63 550	140 100	693	70 600	155 600	754	76 750	169 200
	1 1/8	385	651	66 220	145 900	721	73 580	162 200	785	79 990	176 300
29		397	671	68 200	150 300	743	75 750	166 900	809	82 350	181 500
30		425	718	72 950	160 800	795	81 050	178 600	866	88 150	194 300
31		457	772	78 450	172 900	855	87 200	192 200	932	94 800	208 900
	1 1/4	476	804	81 760	180 200	890	90 840	200 200	970	98 750	217 700
32		487	823	83 600	184 300	911	92 900	204 800	992	101 050	222 700
33		518	875	88 950	196 000	969	98 850	217 900	1 055	107 450	236 800
34		549	929	94 450	208 200	1 030	104 950	231 300	1 121	114 100	251 500
	1 3/8	576	973	98 930	218 100	1 077	109 920	242 300	1 173	119 490	263 400
35		582	984	100 050	220 500	1 090	111 150	245 000	1 187	120 850	266 400
36		616	1 041	105 850	233 300	1 153	117 600	259 200	1 256	127 850	281 800
37		651	1 100	111 950	246 800	1 221	124 400	274 200	1 328	135 250	298 100
38		686	1 168	119 050	262 400	1 298	132 300	291 600	1 413	143 850	317 100
	1 1/2	688	1 173	119 560	263 500	1 303	132 860	292 900	1 417	144 460	318 400
39		723	1 222	124 250	273 900	1 353	138 050	304 300	1 474	150 100	330 900
40		761	1 285	130 700	288 100	1 424	145 250	320 200	1 551	157 850	347 900
41		799	1 351	137 300	302 600	1 496	152 600	336 400	1 629	165 900	365 700
	1 5/8	804	1 359	138 180	304 600	1 505	153 530	338 400	1 639	166 890	367 900
42		838	1 418	144 350	318 200	1 574	160 400	353 600	1 713	174 350	384 300
43		879	1 486	151 000	332 800	1 645	167 800	369 900	1 792	182 400	402 100
44		920	1 556	158 150	348 600	1 723	175 700	387 300	1 876	191 050	421 100
	1 3/4	932	1 576	160 250	353 200	1 745	178 060	392 500	1 901	193 560	426 700
45		955	1 615	164 200	361 900	1 788	182 450	402 200	1 948	198 350	437 200
46		1 006	1 700	172 850	381 000	1 883	192 100	423 500	2 050	208 800	460 300
47		1 042	1 762	179 100	394 800	1 951	199 050	438 800	2 125	216 350	476 900
	1 7/8	1 070	1 809	183 960	405 500	2 003	204 400	450 600	2 182	222 200	489 800
48		1 095	1 851	188 200	414 900	2 050	209 150	461 000	2 233	227 350	501 200
49		1 133	1 915	194 700	429 200	2 121	216 350	476 900	2 309	235 200	518 500
50		1 188	2 009	204 250	450 200	2 224	226 950	500 300	2 423	246 700	543 800
	2	1 218	2 058	209 320	461 400	2 279	232 570	512 700	2 482	252 820	557 300
51		1 227	2 075	210 950	465 000	2 298	234 350	516 600	2 502	254 800	561 700
52		1 285	2 173	220 900	486 900	2 406	245 450	541 100	2 620	266 850	588 200
53		1 325	2 241	227 800	502 200	2 481	253 100	557 900	2 702	275 150	606 500
	2 1/8	1 375	2 324	236 300	520 900	2 573	262 550	578 800	2 802	285 410	629 200
54		1 386	2 343	238 250	525 200	2 594	264 700	583 500	2 826	287 750	634 300
55		1 427	2 413	245 350	540 800	2 672	272 550	600 800	2 910	296 350	653 300
56		1 491	2 519	256 200	564 800	2 791	284 700	627 600	3 039	309 450	682 200
57		1 533	2 592	263 500	580 900	2 870	292 750	645 300	3 125	318 250	701 600

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	2¼	1 541	2 605	264 910	584 000	2 885	294 350	648 900	3 142	319 980	705 400
58		1 599	2 703	274 800	605 800	2 993	305 400	673 200	3 260	332 000	731 900
59		1 642	2 776	282 300	622 300	3 074	313 650	691 400	3 348	340 950	751 600
60		1 711	2 893	294 100	648 300	3 203	326 800	720 400	3 489	355 250	783 100
	2½	1 717	2 903	295 170	650 700	3 214	327 970	723 000	3 500	356 520	785 900
61		1 756	2 968	301 750	665 200	3 286	335 300	739 200	3 579	364 500	803 500
62		1 827	3 089	314 050	692 300	3 420	348 950	769 200	3 725	379 350	836 300
63		1 873	3 165	321 850	709 500	3 505	357 650	788 400	3 818	388 800	857 100
	2½	1 903	3 216	327 060	721 000	3 561	363 400	801 100	3 879	395 030	870 800
64		1 947	3 291	334 650	737 700	3 645	371 850	819 700	3 969	404 250	891 200
65		1 993	3 370	342 650	755 400	3 732	380 750	839 400	4 064	413 900	912 400
66		2 071	3 500	355 900	784 600	3 876	395 450	871 800	4 221	429 900	947 700
	2¾	2 098	3 546	360 580	794 900	3 926	400 640	883 200	4 276	435 530	960 100
67		2 118	3 580	364 050	802 500	3 964	404 550	891 800	4 318	439 750	969 400
68		2 198	3 715	377 800	832 800	4 114	419 800	925 400	4 481	456 350	1 006 000
69		2 246	3 798	386 150	851 300	4 205	429 050	945 800	4 580	466 400	1 028 200
	2¾	2 302	3 892	395 740	872 400	4 309	439 710	969 300	4 693	477 990	1 053 700
70		2 329	3 937	400 350	882 600	4 360	444 800	980 600	4 749	483 550	1 066 000
71		2 378	4 021	408 850	901 300	4 452	454 250	1 001 400	4 849	493 800	1 088 600
72		2 446	4 134	420 450	926 900	4 579	467 200	1 029 900	4 986	507 850	1 119 600
73		2 514	4 251	432 200	952 800	4 706	480 250	1 058 700	5 126	522 050	1 150 900
	2¾	2 516	4 253	432 530	953 500	4 710	480 590	1 059 500	5 129	522 430	1 151 700
74		2 584	4 367	444 150	979 100	4 837	493 500	1 087 900	5 268	536 450	1 182 600
75		2 654	4 486	456 200	1 005 700	4 968	506 900	1 117 500	5 410	551 050	1 214 800
76		2 725	4 607	468 450	1 032 700	5 102	520 500	1 147 400			
	3	2 740	4 631	470 960	1 038 200	5 128	523 300	1 153 600	On request		
77		2 797	4 729	480 850	1 060 000	5 237	534 300	1 177 900			
78		2 871	4 853	493 450	1 087 800	5 374	548 250	1 208 600			
79		2 945	4 978	506 200	1 115 900	5 512	562 400	1 239 800			
	3¼	2 973	5 025	511 030	1 126 600	5 565	567 810	1 251 700			
80		3 020	5 104	519 050	1 144 200	5 653	576 750	1 271 500			
81		3 096	5 233	532 100	1 173 000	5 794	591 300	1 303 500			
82		3 173	5 364	545 350	1 202 200	5 939	605 950	1 335 800			
	3¼	3 215	5 435	552 730	1 218 500	6 019	614 150	1 353 900			
83		3 250	5 494	558 700	1 231 700	6 084	620 800	1 368 600			
84		3 329	5 628	572 300	1 261 600	6 232	635 850	1 401 700			
85		3 409	5 763	586 000	1 291 800	6 381	651 100	1 435 400			
	3¾	3 467	5 861	596 070	1 314 000	6 491	662 300	1 460 100			
86		3 490	5 899	599 850	1 322 400	6 532	666 500	1 469 300			
87		3 571	6 037	613 900	1 353 400	6 685	682 100	1 503 700			
88		3 654	6 177	628 100	1 384 700	6 840	697 850	1 538 400			
	3½	3 729	6 304	641 040	1 413 200	6 980	712 260	1 570 200			
89		3 737	6 318	642 450	1 416 300	6 996	713 850	1 573 700			
90		3 822	6 461	657 000	1 448 400	7 154	729 950	1 609 200			
91		3 907	6 605	671 650	1 480 700	7 314	746 300	1 645 200			
92		3 994	6 751	686 500	1 513 400	7 476	762 750	1 681 500			
	3¾	4 000	6 762	687 650	1 515 900	7 488	764 050	1 684 400			
93		4 081	6 899	701 500	1 546 500	7 639	779 450	1 718 300			
94		4 169	7 047	716 650	1 579 900	7 804	796 300	1 755 500			
95		4 258	7 199	732 000	1 613 700	7 971	813 350	1 793 100			
	3¾	4 281	7 236	735 880	1 622 300	8 013	817 650	1 802 500			
96		4 348	7 351	747 450	1 647 800	8 140	830 550	1 831 000			
97		4 439	7 505	763 150	1 682 400	8 310	847 950	1 869 300			
98		4 531	7 660	778 950	1 717 200	8 482	865 550	1 908 100			
	3¾	4 571	7 727	785 760	1 732 200	8 556	873 070	1 924 700			
99		4 624	7 817	794 950	1 752 500	8 656	883 250	1 947 200			
100		4 718	7 976	811 100	1 788 100	8 832	901 200	1 986 700			



PRODUCT

- ▶ DIEPA H 40 Ordinary lay
- DIEPA H 43 Ordinary lay with internal plastic component

PROPERTIES

- Non-rotation resistant
- Compacted
- Very high breaking force
- Use without rope swivel

TECHNICAL DATA

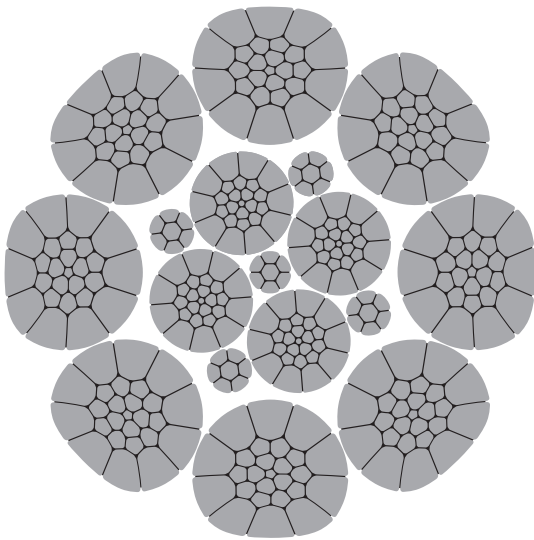
Load-bearing wires	56 Ø 4–6 mm	RCN.02
in outer strands/	152 Ø 7–15 mm	RCN.04
RCN acc. to ISO 4309	208 Ø 16–44 mm	RCN.09
	288 Ø 45–64 mm	RCN.13
	328 Ø 65–76 mm	RCN.13
Total number	95 Ø 4–6 mm	
of wires	263 Ø 7–15 mm	
	319 Ø 16–24 mm	
	347 Ø 25–44 mm	
	427 Ø 45–64 mm	
	487 Ø 65–76 mm	
Fill factor	0.7403	
Spinning loss factor	0.8400	

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
4		8	13.8	1 350	2 900	15.3	1 550	3 400	16.9	1 650	3 600
	3/16	11	19.0	1 940	4 200	21.3	2 170	4 700	23.1	2 350	5 100
5		13	21.6	2 150	4 700	23.9	2 400	5 200	26.4	2 600	5 700
6		18	31.1	3 150	6 900	34.5	3 450	7 600	38.0	3 850	8 400
	1/4	20	34.2	3 490	7 600	38.2	3 890	8 500	42.1	4 290	9 400
6.5		21	36.5	3 650	8 000	40.4	4 100	9 000	44.6	4 500	9 900
7		25	42.4	4 250	9 300	46.9	4 700	10 300	51.7	5 250	11 500
7.5		28	48.6	4 900	10 800	53.8	5 450	12 000	59.3	6 000	13 200
	5/16	32	53.6	5 460	12 000	59.8	6 100	13 400	65.7	6 700	14 700
8		32	55.3	5 550	12 200	61.3	6 200	13 600	67.5	6 800	14 900
8.5		36	62.5	6 300	13 800	69.2	7 050	15 500	76.2	7 700	16 900
9		40	70.0	7 050	15 500	77.5	7 850	17 300	85.7	8 650	19 000
9.5		45	78.0	7 850	17 300	86.5	8 750	19 200	94.9	9 650	21 200
	3/8	45	78.0	7 900	17 400	86.5	8 800	19 400	95.3	9 710	21 400
10		49	86.5	8 750	19 200	95.8	9 700	21 300	106	10 700	23 500
11		60	105	10 600	23 300	116	11 800	26 000	128	12 950	28 500
	7/16	62	106	10 790	23 700	118	12 010	26 400	129	13 180	29 000
12		71	123	12 450	27 400	136	13 850	30 500	150	15 200	33 500

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1/2	81	136	13 900	30 600	152	15 470	34 100	167	16 990	37 400
13		83	143	14 550	32 000	159	16 200	35 700	175	17 800	39 200
14		98	168	17 100	37 600	187	19 050	41 900	206	20 950	46 100
	5/16	102	174	17 750	39 100	194	19 750	43 500	213	21 720	47 800
15		111	191	19 400	42 700	212	21 550	47 500	233	23 700	52 200
	3/8	126	217	22 110	48 700	241	24 530	54 000	265	27 030	59 500
16		128	221	22 500	49 600	245	24 950	55 000	270	27 500	60 600
17		144	248	25 200	55 500	275	28 000	61 700	302	30 800	67 900
18		163	281	28 550	62 900	311	31 700	69 800	343	34 900	76 900
19		179	308	31 400	69 200	343	34 900	76 900	377	38 400	84 600
	3/4	181	310	31 580	69 600	344	35 100	77 300	379	38 610	85 100
20		200	344	35 100	77 300	383	39 000	85 900	421	42 850	94 400
21		225	387	39 450	86 900	430	43 800	96 500	474	48 250	106 300
22		245	422	43 000	94 700	469	47 750	105 200	516	52 500	115 700
	7/8	247	430	43 790	96 500	477	48 640	107 200	525	53 490	117 900
23		265	456	46 500	102 500	507	51 700	113 900	559	56 900	125 400
24		287	496	50 500	111 300	550	56 100	123 600	606	61 700	136 000
25		310	534	54 450	120 000	593	60 450	133 200	653	66 550	146 700
	1	323	550	56 050	123 500	611	62 240	137 200	672	68 500	151 000
26		333	574	58 500	128 900	638	65 000	143 200	701	71 500	157 600
27		362	624	63 600	140 200	694	70 650	155 700	763	77 750	171 400
28		390	672	68 500	151 000	747	76 100	167 700	822	83 700	184 500
	1 1/8	408	708	72 150	159 000	787	80 180	176 700	865	88 210	194 400
29		426	735	74 850	165 000	816	83 200	183 400	898	91 550	201 800
30		449	774	78 900	173 900	860	87 650	193 200	946	96 400	212 500
31		482	832	84 750	186 800	925	94 200	207 600	1 017	103 650	228 500
	1 1/4	504	868	88 520	195 100	965	98 380	216 800	1 062	108 240	238 600
32		511	881	89 800	197 900	979	99 800	220 000	1 078	109 800	242 000
33		545	940	95 800	211 200	1 045	106 500	234 700	1 149	117 100	258 100
34		582	1 004	102 350	225 600	1 116	113 700	250 600	1 227	125 050	275 600
	1 3/8	610	1 047	106 710	235 200	1 163	118 530	261 300	1 280	130 430	287 500
35		609	1 050	107 050	236 000	1 167	118 900	262 100	1 284	130 850	288 400
36		650	1 121	114 300	251 900	1 246	127 000	279 900	1 371	139 700	307 900
37		693	1 194	121 750	268 400	1 327	135 250	298 100	1 460	148 800	328 000
38		738	1 273	129 750	286 000	1 415	144 150	317 700	1 556	158 550	349 500
	1 1/2	726	1 278	130 240	287 100	1 420	144 700	319 000	1 561	159 150	350 800
39		767	1 322	134 750	297 000	1 469	149 750	330 100	1 616	164 700	363 000
40		797	1 374	140 100	308 800	1 527	155 650	343 100	1 680	171 200	377 400
41		841	1 453	147 750	325 700	1 609	164 150	361 800	1 773	180 600	398 100
	1 5/8	852	1 474	150 280	331 300	1 638	166 980	368 100	1 802	183 700	404 900
42		893	1 540	156 900	345 900	1 711	174 350	384 300	1 882	191 800	422 800
43		925	1 599	162 500	358 200	1 770	180 600	398 100	1 950	198 650	437 900
44		974	1 680	171 200	377 400	1 866	190 250	419 400	2 053	209 250	461 300
	1 3/4	988	1 709	174 210	384 000	1 899	193 600	426 800	2 089	212 960	469 400
45		1 013	1 751	177 950	392 300	1 939	197 750	435 900	2 136	217 550	479 600
46		1 063	1 832	186 750	411 700	2 036	207 500	457 400	2 239	228 300	503 300
47		1 105	1 909	194 150	428 000	2 114	215 750	475 600	2 330	237 300	523 100
	1 7/8	1 134	1 956	199 350	439 400	2 173	221 520	488 300	2 390	243 660	537 100
48		1 152	1 987	202 450	446 300	2 207	224 950	495 900	2 428	247 450	545 500
49		1 201	2 076	211 050	465 200	2 298	234 500	516 900	2 533	257 950	568 600
50		1 246	2 150	219 100	483 000	2 388	243 450	536 700	2 628	267 800	590 300
	2	1 290	2 224	226 680	499 700	2 471	251 910	555 300	2 718	277 100	610 800
51		1 301	2 249	228 600	503 900	2 490	254 050	560 000	2 744	279 450	616 000
52		1 340	2 312	235 600	519 400	2 568	261 750	577 000	2 825	287 950	634 800
53		1 405	2 428	246 900	544 300	2 689	274 300	604 700	2 964	301 800	665 300
	2 1/8	1 457	2 489	253 700	559 300	2 766	281 940	621 500	3 042	310 120	683 600
54		1 444	2 491	253 850	559 600	2 768	282 100	621 900	3 044	310 300	684 000
55		1 513	2 615	265 900	586 200	2 895	295 450	651 300	3 191	324 950	716 300
56		1 581	2 727	277 950	612 700	3 030	308 800	680 700	3 333	339 700	748 900
57		1 625	2 809	285 600	629 600	3 111	317 350	699 600	3 427	349 050	769 500

DIEPA H 40 (SKZ 8)
DIEPA H 43 (SKZ 8 P)

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	2¼	1 633	2 816	287 050	632 800	3 129	318 970	703 200	3 442	350 830	773 400
58		1 681	2 898	295 400	651 200	3 221	328 250	723 600	3 542	361 050	795 900
59		1 741	3 009	306 000	674 600	3 332	339 950	749 400	3 672	374 000	824 500
60		1 770	3 053	311 100	685 800	3 391	345 700	762 100	3 730	380 250	838 200
	2½	1 820	3 146	319 920	705 200	3 484	355 460	783 600	3 839	391 010	862 000
61		1 861	3 216	327 050	721 000	3 562	363 450	801 200	3 925	399 750	881 200
62		1 922	3 323	337 900	744 900	3 680	375 450	827 700	4 056	413 000	910 400
63		1 985	3 431	348 850	769 000	3 799	387 650	854 600	4 187	426 400	940 000
	2½	2 016	3 486	354 480	781 400	3 860	393 860	868 300	4 254	433 250	955 100
64		2 048	3 541	360 050	793 700	3 921	400 050	881 900	4 321	440 050	970 100
65		2 113	3 652	371 400	818 700	4 045	412 650	909 700	4 457	453 900	1 000 600
66		2 178	3 766	382 900	844 100	4 170	425 450	937 900	4 596	468 000	1 031 700
	2¾	2 223	3 843	390 810	861 500	4 256	434 230	957 300	4 690	477 660	1 053 000
67		2 245	3 881	394 600	869 900	4 297	438 450	966 600	4 736	482 300	1 063 200
68		2 312	3 998	406 450	896 000	4 427	451 650	995 700	4 878	496 800	1 095 200
69		2 381	4 116	418 500	922 600	4 558	465 000	1 025 100	5 022	511 550	1 127 700
	2¾	2 440	4 218	428 920	945 500	4 671	476 580	1 050 600	5 147	524 230	1 155 700
70		2 450	4 236	430 750	949 600	4 691	478 600	1 055 100	5 169	526 450	1 160 600
71		2 521	4 358	443 100	976 800	4 826	492 350	1 085 400	5 318	541 600	1 194 000
72		2 592	4 481	455 700	1 004 600	4 963	506 350	1 116 200	5 469	557 000	1 227 900
73		2 665	4 607	468 450	1 032 700	5 101	520 500	1 147 400	5 622	572 550	1 262 200
	2¾	2 666	4 610	468 800	1 033 500	5 105	520 890	1 148 300	5 626	572 980	1 263 100
74		2 738	4 734	481 400	1 061 200	5 242	534 850	1 179 100	5 777	588 350	1 297 000
75		2 813	4 863	494 450	1 090 000	5 384	549 400	1 211 200	5 934	604 350	1 332 300
76		2 888	4 993	507 750	1 119 300	5 529	564 150	1 243 700	6 093	620 550	1 368 000
	3	2 903	5 020	510 450	1 125 300	5 558	567 160	1 250 300	6 126	623 890	1 375 400



PRODUCT

- ▶ DIEPA H 50 Ordinary lay
- DIEPA H 53 Ordinary lay with internal plastic component

PROPERTIES

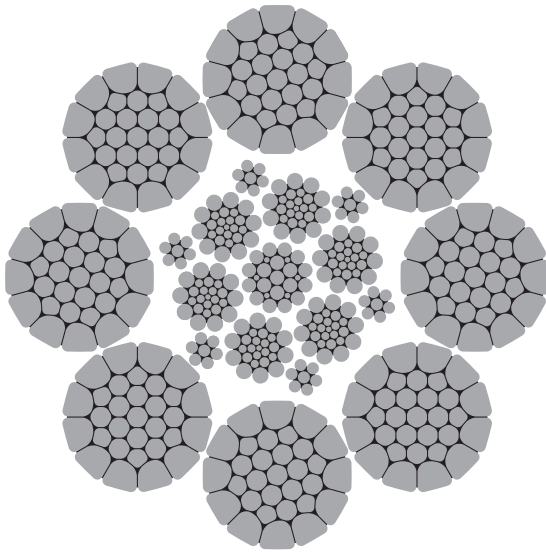
- Non-rotation resistant
- Compacted
- Compacted rope
- Extremely high breaking force
- Use without rope swivel

TECHNICAL DATA

Load-bearing wires	208 Ø 12 – 44 mm	RCN.09
in outer strands/	288 Ø 45 – 52 mm	RCN.13
RCN acc. to ISO 4309		
Total number	347 Ø 12 – 44 mm	
of wires	427 Ø 45 – 52 mm	
Fill factor	0.7660	
Spinning loss factor	0.8550 at 1770 N/mm ²	
	0.8550 at 1960 N/mm ²	
	0.8400 at 2160 N/mm ²	

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
12	78	131	13 250	29 200	145	14 750	32 500	157	16 000	35 200
1/2	87	147	14 920	32 800	163	16 580	36 500	176	17 920	39 500
13	92	154	15 600	34 300	170	17 350	38 200	185	18 750	41 300
14	106	179	18 100	39 900	198	20 100	44 300	214	21 750	47 900
5/16	111	186	18 890	41 600	206	20 990	46 200	223	22 680	50 000
15	122	205	20 800	45 800	227	23 100	50 900	245	24 950	55 000
5/8	136	229	23 330	51 400	254	25 920	57 100	275	28 010	61 700
16	139	233	23 650	52 100	258	26 300	57 900	280	28 400	62 600
17	156	263	26 700	58 800	292	29 700	65 400	316	32 100	70 700
18	175	295	29 950	66 000	327	33 300	73 400	354	35 950	79 200
19	195	328	33 350	73 500	364	37 100	81 700	394	40 100	88 400
3/4	196	330	33 590	74 000	366	37 320	82 200	396	40 340	88 900
20	217	364	37 000	81 500	404	41 100	90 600	437	44 400	97 800
21	239	402	40 800	89 900	445	45 350	99 900	481	49 000	108 000
22	262	440	44 800	98 700	488	49 750	109 600	528	53 800	118 600
7/8	267	450	45 730	100 800	498	50 810	112 000	539	54 910	121 000
23	286	481	48 900	107 800	534	54 400	119 900	577	58 800	129 600
24	312	524	53 300	117 500	581	59 250	130 600	629	64 000	141 000

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
25		338	569	57 800	127 400	630	64 250	141 600	682	69 450	153 100
	1	349	587	59 730	131 600	650	66 360	146 200	704	71 720	158 100
26		366	616	62 550	137 800	681	69 500	153 200	738	75 100	165 500
27		395	663	67 450	148 700	735	74 950	165 200	795	81 000	178 500
28		425	714	72 550	159 900	790	80 600	177 600	856	87 150	192 100
	1½	442	743	75 590	166 600	823	83 990	185 100	891	90 770	200 100
29		455	766	77 800	171 500	848	86 450	190 500	918	93 450	206 000
30		487	819	83 300	183 600	907	92 550	204 000	983	100 000	220 400
31		520	875	88 950	196 000	969	98 800	217 800	1 049	106 800	235 400
	1¼	546	918	93 330	205 700	1 016	103 700	228 600	1 100	112 070	247 000
32		554	932	94 750	208 800	1 032	105 300	232 100	1 118	113 800	250 800
33		590	992	100 800	222 200	1 098	112 000	246 900	1 189	121 000	266 700
34		626	1 053	107 000	235 800	1 165	118 850	262 000	1 262	128 500	283 200
	1¾	660	1 111	112 920	248 900	1 230	125 470	276 600	1 331	135 600	298 900
35		663	1 115	113 400	250 000	1 235	125 950	277 600	1 337	136 150	300 100
36		702	1 180	119 950	264 400	1 306	133 250	293 700	1 415	144 050	317 500
37		741	1 247	126 750	279 400	1 380	140 800	310 400	1 494	152 150	335 400
38		782	1 315	133 650	294 600	1 456	148 500	327 300	1 576	160 500	353 800
	1½	786	1 322	134 390	296 200	1 463	149 330	329 200	1 585	161 380	355 700
39		824	1 385	140 800	310 400	1 534	156 450	344 900	1 661	169 050	372 600
40		866	1 457	148 100	326 500	1 613	164 550	362 700	1 746	177 850	392 000
41		910	1 530	155 600	343 000	1 695	172 900	381 100	1 835	186 850	411 900
	1¾	922	1 551	157 730	347 700	1 718	175 250	386 300	1 860	189 400	417 500
42		955	1 606	163 300	360 000	1 778	181 450	400 000	1 925	196 050	432 200
43		1 001	1 683	171 150	377 300	1 864	190 150	419 200	2 019	205 500	453 000
44		1 048	1 763	179 250	395 100	1 952	199 100	438 900	2 113	215 200	474 400
	1¾	1 070	1 799	182 930	403 200	1 992	203 250	448 000	2 157	219 660	484 200
45		1 096	1 843	187 450	413 200	2 042	208 300	459 200	2 210	225 100	496 200
46		1 146	1 926	195 850	431 700	2 133	217 650	479 800	2 310	235 200	518 500
47		1 196	2 011	204 500	450 800	2 227	227 200	500 800	On request		
	1¾	1 228	2 065	209 990	462 900	2 287	233 330	514 300			
48		1 248	2 097	213 300	470 200	2 323	237 000	522 400			
49		1 300	2 186	222 300	490 000	2 421	246 950	544 400			
50		1 354	2 276	231 400	510 100	2 521	257 150	566 900			
	2	1 397	2 350	238 920	526 700	2 602	265 480	585 200			
51		1 408	2 368	240 800	530 800	2 622	267 550	589 800			
52		1 464	2 462	250 300	551 800	2 726	278 150	613 200			



PRODUCT

- ▶ DIEPA W40 Ordinary lay
- DIEPA W43 Ordinary lay with internal plastic component

PROPERTIES

- Non-rotation resistant
- Compacted outer strands
- High breaking force
- Use without rope swivel

TECHNICAL DATA

Load-bearing wires	248	Ø 16–49 mm	RCN.11
in outer strands/ RCN acc. to ISO 4309	288	Ø 50–75 mm	RCN.13

Total number	471	Ø 16–49 mm
of wires	511	Ø 50–75 mm

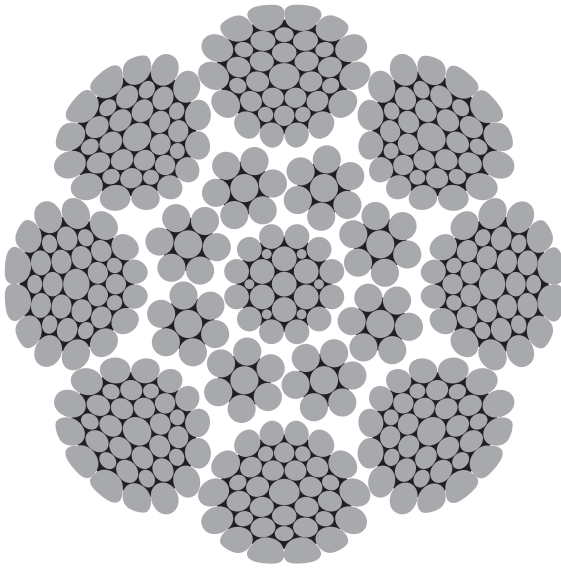
Fill factor	0.7303
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Spinning loss factor	0.8400
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Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²			
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs	
16	127	218	22 150	48 800	242	24 650	54 300	266	27 100	59 700	
17	143	246	25 000	55 100	273	27 800	61 200	301	30 600	67 400	
18	161	276	28 050	61 800	306	31 200	68 700	337	34 300	75 600	
19	179	307	31 250	68 800	341	34 750	76 600	375	38 250	84 300	
	¾	180	309	31 460	69 300	343	34 960	77 000	378	38 460	84 700
20	198	341	34 650	76 300	378	38 500	84 800	417	42 350	93 300	
21	219	376	38 200	84 200	417	42 450	93 500	459	46 700	102 900	
22	240	412	41 950	92 400	457	46 600	102 700	504	51 250	112 900	
	⅞	245	421	42 830	94 400	466	47 590	104 900	514	52 350	115 400
23	262	451	45 850	101 000	500	50 900	112 200	550	56 050	123 500	
24	286	491	49 900	110 000	544	55 450	122 200	600	61 000	134 400	
25	310	533	54 150	119 300	591	60 150	132 600	650	66 200	145 900	
	1	320	550	55 940	123 300	609	62 160	137 000	671	68 380	150 700
26	335	576	58 550	129 000	638	65 100	143 500	704	71 650	157 900	
27	362	622	63 200	139 300	689	70 200	154 700	759	77 200	170 100	
28	389	669	67 950	149 800	740	75 500	166 400	816	83 050	183 000	
	1 1/8	405	696	70 810	156 100	771	78 670	173 400	850	86 540	190 700
29	417	717	72 900	160 700	794	81 000	178 500	875	89 100	196 400	

DIEPA W 40 (ZV 831)
DIEPA W 43

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
30		447	768	78 000	171 900	850	86 650	191 000	937	95 350	210 200
31		477	820	83 300	183 600	907	92 550	204 000	1 000	101 850	224 500
	1¼	500	860	87 410	192 700	952	97 130	214 100	1 049	106 840	235 500
32		508	874	88 750	195 600	967	98 650	217 400	1 066	108 500	239 100
33		540	929	94 400	208 100	1 028	104 900	231 200	1 133	115 400	254 400
34		574	986	100 250	221 000	1 092	111 350	245 400	1 203	122 500	270 000
	1½	605	1 040	105 780	233 200	1 152	117 530	259 100	1 269	129 280	285 000
35		608	1 045	106 200	234 100	1 157	118 000	260 100	1 275	129 800	286 100
36		643	1 105	112 350	247 600	1 224	124 850	275 200	1 349	137 300	302 600
37		679	1 168	118 650	261 500	1 293	131 850	290 600	1 425	145 100	319 800
38		716	1 231	125 200	276 000	1 363	139 100	306 600	1 503	153 000	337 300
	1½	720	1 238	125 880	277 500	1 371	139 870	308 300	1 511	153 860	339 100
39		755	1 297	131 850	290 600	1 436	146 500	322 900	1 583	161 150	355 200
40		794	1 364	138 700	305 700	1 511	154 100	339 700	1 665	169 550	373 700
41		834	1 434	145 750	321 300	1 588	161 950	357 000	1 750	178 150	392 700
	1¾	845	1 453	147 730	325 600	1 609	164 160	361 900	1 773	180 570	398 000
42		875	1 504	152 950	337 100	1 666	169 950	374 600	1 835	186 900	412 000
43		917	1 577	160 300	353 300	1 746	178 150	392 700	1 924	195 950	431 900
44		961	1 651	167 850	370 000	1 828	186 500	411 100	2 015	205 150	452 200
	1¾	980	1 685	171 340	377 700	1 866	190 380	419 700	2 056	209 420	461 600
45		1 005	1 727	175 600	387 100	1 913	195 050	430 000	2 108	214 600	473 100
46		1 050	1 804	183 450	404 400	1 998	203 850	449 400	2 202	224 250	494 300
47		1 096	1 884	191 550	422 200	2 086	212 850	469 200	2 299	234 100	516 000
	1¾	1 125	1 934	196 700	433 600	2 142	218 550	481 800	2 360	240 410	530 000
48		1 143	1 965	199 750	440 300	2 176	222 000	489 400	2 397	244 150	538 200
49		1 191	2 048	208 150	458 800	2 267	231 300	509 900	2 499	254 450	560 900
50		1 240	2 132	216 800	477 900	2 361	240 850	530 900	2 601	264 950	584 100
	2	1 280	2 201	223 800	493 300	2 437	248 660	548 100	2 686	273 530	603 000
51		1 290	2 218	225 500	497 100	2 456	250 600	552 400	2 706	275 650	607 600
52		1 342	2 306	234 450	516 800	2 554	260 500	574 200	2 814	286 600	631 800
53		1 394	2 396	243 600	537 000	2 653	270 600	596 500	2 923	297 700	656 300
	2¼	1 445	2 484	252 650	556 900	2 751	280 720	618 800	3 032	308 800	680 700
54		1 447	2 486	252 850	557 400	2 754	280 950	619 300	3 035	309 050	681 300
55		1 501	2 580	262 300	578 200	2 857	291 450	642 500	3 148	320 600	706 700
56		1 556	2 675	271 950	599 500	2 962	302 100	666 000	3 263	332 350	732 600
57		1 612	2 770	281 700	621 000	3 069	313 050	690 100	3 381	344 350	759 100
	2¼	1 620	2 785	283 240	624 400	3 084	314 720	693 800	3 399	346 190	763 200
58		1 669	2 869	291 700	643 000	3 177	324 150	714 600	3 501	356 500	785 900
59		1 727	2 969	301 850	665 400	3 287	335 400	739 400	3 623	368 950	813 300
60		1 786	3 070	312 150	688 100	3 399	346 850	764 600	3 746	381 550	841 100
	2½	1 806	3 103	315 590	695 700	3 437	350 660	773 000	3 787	385 720	850 300
61		1 846	3 174	322 650	711 300	3 514	358 550	790 400	3 872	394 350	869 300
62		1 907	3 279	333 350	734 900	3 630	370 350	816 400	4 000	407 400	898 100
63		1 969	3 384	344 150	758 700	3 748	382 450	843 100	4 130	420 650	927 300
	2½	2 001	3 439	349 690	770 900	3 808	388 550	856 500	4 196	427 400	942 200
64		2 032	3 493	355 150	782 900	3 868	394 650	870 000	4 263	434 150	957 100
65		2 096	3 603	366 400	807 700	3 990	407 100	897 400	4 397	447 800	987 200
66		2 161	3 714	377 700	832 600	4 113	419 700	925 200	4 533	461 700	1 017 800
	2½	2 206	3 791	385 530	849 900	4 198	428 370	944 300	4 626	471 210	1 038 800
67		2 227	3 828	389 250	858 100	4 239	432 550	953 500	4 672	475 800	1 048 900
68		2 294	3 943	401 000	884 000	4 366	445 500	982 100	4 812	490 050	1 080 300
69		2 362	4 061	412 850	910 100	4 496	458 750	1 011 300	4 955	504 600	1 112 400
	2¾	2 421	4 161	423 120	932 800	4 607	470 130	1 036 400	5 078	517 150	1 140 100
70		2 431	4 179	424 900	936 700	4 628	472 150	1 040 900	5 100	519 350	1 144 900
71		2 501	4 299	437 150	963 700	4 760	485 700	1 070 700	5 246	534 300	1 177 900
72		2 572	4 421	449 550	991 000	4 896	499 500	1 101 100	5 395	549 450	1 211 300
73		2 644	4 544	462 100	1 018 700	5 032	513 450	1 131 900	5 546	564 850	1 245 200
	2¾	2 646	4 548	462 470	1 019 500	5 036	513 850	1 132 800	5 550	565 240	1 246 100
74		2 717	4 670	474 850	1 046 800	5 171	527 600	1 163 100	5 699	580 400	1 279 500
75		2 791	4 797	487 750	1 075 200	5 312	542 000	1 194 800	5 854	596 200	1 314 300



PRODUCT

- ▶ DIEPA F41 Ordinary lay
- DIEPA F46 Lang lay

internal plastic component available on request

PROPERTIES

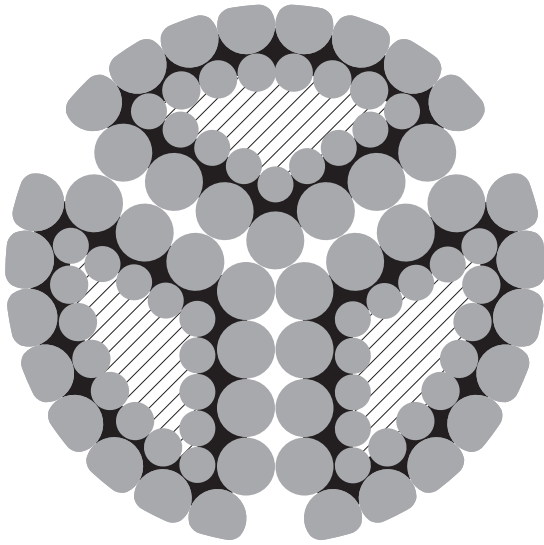
- Non-rotation resistant
- Compacted rope
- Use without rope swivel

TECHNICAL DATA

Load-bearing wires	208	Ø 10–33 mm	RCN.09
in outer strands/	288	Ø 34–46 mm	RCN.13
RCN acc. to ISO 4309			
Total number	289	Ø 10–33 mm	
of wires	369	Ø 34–46 mm	
Fill factor	0.6750		
Spinning loss factor	0.8670	at 1770 N/mm ²	
	0.8670	at 1960 N/mm ²	
	0.8570	at 2160 N/mm ²	

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²			
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs	
10	48	81.4	8 200	18 000	90.2	9 150	20 100	98.6	9 950	21 900	
11	58	98.8	9 950	21 900	109	11 050	24 300	119	12 050	26 500	
	7/16	59	100	10 210	22 500	111	11 340	25 000	121	12 340	27 200
12	69	117	11 850	26 100	130	13 200	29 100	141	14 350	31 600	
	1/2	77	131	13 340	29 400	145	14 820	32 600	158	16 120	35 500
13	81	138	13 950	30 700	153	15 500	34 100	166	16 850	37 100	
14	94	160	16 200	35 700	177	17 950	39 500	192	19 550	43 000	
	5/8	97	166	16 880	37 200	184	18 760	41 300	200	20 390	44 900
15	107	183	18 550	40 800	203	20 650	45 500	221	22 450	49 400	
	3/4	120	205	20 840	45 900	227	23 160	51 000	247	25 180	55 500
16	122	208	21 150	46 600	231	23 450	51 600	251	25 550	56 300	
17	138	235	23 850	52 500	260	26 500	58 400	284	28 850	63 600	
18	155	264	26 750	58 900	292	29 750	65 500	318	32 350	71 300	
19	172	294	29 800	65 600	325	33 150	73 000	354	36 050	79 400	
	3/4	173	295	30 020	66 100	327	33 350	73 500	356	36 260	79 900
20	191	325	33 050	72 800	361	36 750	81 000	393	39 950	88 000	
21	210	359	36 450	80 300	397	40 500	89 200	433	44 000	97 000	
22	231	394	40 000	88 100	436	44 450	97 900	475	48 300	106 400	

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	7/8	236	402	40 860	90 000	445	45 400	100 000	485	49 370	108 800
23		252	430	43 700	96 300	477	48 550	107 000	519	52 800	116 400
24		275	468	47 600	104 900	519	52 900	116 600	566	57 500	126 700
25		298	508	51 650	113 800	563	57 400	126 500	614	62 400	137 500
	1	308	525	53 370	117 600	581	59 300	130 700	633	64 480	142 100
26		323	550	55 900	123 200	609	62 100	136 900	663	67 500	148 800
27		348	593	60 250	132 800	656	66 950	147 500	716	72 800	160 400
28		374	638	64 850	142 900	707	72 000	158 700	770	78 300	172 600
	1 1/8	390	664	67 540	148 800	736	75 050	165 400	801	81 610	179 900
29		401	684	69 550	153 300	758	77 250	170 300	825	84 000	185 100
30		429	733	74 400	164 000	811	82 700	182 300	884	89 900	198 100
31		459	782	79 500	175 200	866	88 300	194 600	943	96 000	211 600
	1 1/4	481	820	83 390	183 800	908	92 660	204 200	989	100 750	222 100
32		489	833	84 700	186 700	922	94 100	207 400	1 005	102 300	225 500
33		520	886	90 050	198 500	981	100 050	220 500	1 069	108 800	239 800
34		552	941	95 600	210 700	1 041	106 250	234 200	1 135	115 500	254 600
	1 1/2	582	992	100 910	222 400	1 099	112 120	247 100	1 197	121 910	268 700
35		584	996	101 300	223 300	1 104	112 550	248 100	1 202	122 400	269 800
36		618	1 054	107 200	236 300	1 168	119 100	262 500	1 272	129 500	285 400
37		653	1 114	113 200	249 500	1 234	125 800	277 300	1 344	136 800	301 500
38		689	1 175	119 400	263 200	1 301	132 700	292 500	1 417	144 300	318 100
	1 1/2	693	1 181	120 090	264 700	1 308	133 430	294 100	1 425	145 090	319 800
39		726	1 237	125 800	277 300	1 370	139 800	308 200	1 493	151 950	334 900
40		763	1 301	132 300	291 600	1 442	147 000	324 000	1 570	159 900	352 500
41		802	1 367	139 050	306 500	1 515	154 450	340 500	1 650	168 000	370 300
	1 5/8	813	1 386	140 940	310 700	1 535	156 600	345 200	1 672	170 270	375 300
42		842	1 435	145 900	321 600	1 589	162 100	357 300	1 731	176 250	388 500
43		882	1 504	152 900	337 000	1 666	169 900	374 500	1 814	184 800	407 400
44		924	1 575	160 100	352 900	1 744	177 950	392 300	1 900	193 450	426 400
	1 3/4	943	1 607	163 460	360 300	1 780	181 620	400 300	1 939	197 480	435 300
45		966	1 647	167 500	369 200	1 824	186 100	410 200	1 987	202 350	446 100
46		1 010	1 722	175 000	385 800	1 907	194 500	428 700	2 077	211 450	466 100



PRODUCT

► DIEPA **SUPER 3** Ordinary lay

PROPERTIES

- Slightly rotation resistant
- Compacted rope

TECHNICAL DATA

Load-bearing wires in outer strands/ RCN acc. to ISO 4309	90 Ø 4–34 mm	RCN.21
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Total number of wires	90 Ø 4–34 mm
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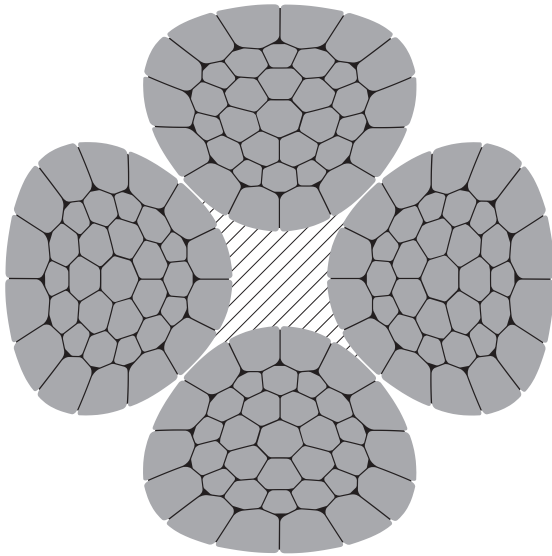
Fill factor	0.4811
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Spinning loss factor	0.8500
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Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
4		6	On request			10.1	1 000	2 200	On request		
	3/16	8				13.7	1 400	3 000			
5		9				15.7	1 550	3 400			
6		13				23.1	2 350	5 100			
	1/4	14				25.0	2 550	5 600			
6.5		15				26.6	2 650	5 800			
7		18				31.4	3 200	7 000			
7.5		20				35.4	3 600	7 900			
	5/16	22				38.7	3 950	8 700			
8		22				39.2	4 000	8 800			
8.5		26				45.5	4 600	10 100			
9		29				51.5	5 250	11 500			
9.5		32				56.8	5 750	12 600			
	3/8	32				56.8	5 790	12 700			
10		36				63.8	6 500	14 300			
11		42				75.0	7 650	16 800			
	7/16	44				76.5	7 800	17 100			
12		51				89.8	9 150	20 100			

DIEPA SUPER 3

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1/2	57	On request			100	10 220	22 500	On request		
13		59				105	10 700	23 500			
14		71				127	12 900	28 400			
	9/16	73				131	13 330	29 300			
15		80				142	14 450	31 800			
	5/8	87				154	15 670	34 500			
16		88				155	15 850	34 900			
17		102				181	18 500	40 700			
18		116				206	20 950	46 100			
19		125				222	22 650	49 900			
	3/4	129				224	22 790	50 200			
20		142				252	25 650	56 500			
21		157				278	28 300	62 300			
22		169				300	30 600	67 400			
	7/8	175				308	31 350	69 100			
23		188				333	33 950	74 800			
24		204				361	36 800	81 100			
25		222				394	40 100	88 400			
	1	229				408	41 580	91 600			
26		243				430	43 850	96 600			
27		259	459	46 750	103 000						
28		282	501	51 050	112 500						
	1 1/8	290	517	52 740	116 200						
29		299	530	54 000	119 000						
30		320	567	57 800	127 400						
31		341	605	61 700	136 000						
	1 1/4	358	630	64 230	141 600						
32		360	639	65 100	143 500						
33		387	686	69 900	154 100						
34		409	725	73 900	162 900						
	1 3/8	433	768	78 310	172 600						



PRODUCT

► DIEPA SUPER 4 Ordinary lay

PROPERTIES

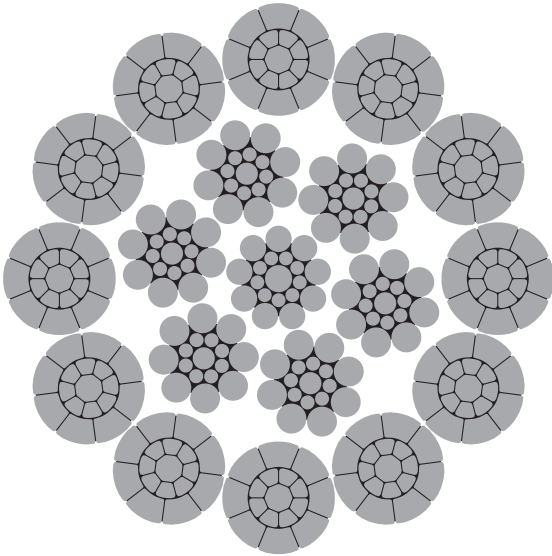
- Slightly rotation resistant
- Compacted strands
- Compacted rope

TECHNICAL DATA

Load-bearing wires	76 Ø 4–5 mm	RCN.21
in outer strands/	144 Ø 6–34 mm	RCN.22
RCN acc. to ISO 4309		
Total number	76 Ø 4–5 mm	
of wires	144 Ø 6–34 mm	
Fill factor	0.7208	
Spinning loss factor	0.8400 at 1770 N/mm ²	
	0.8400 at 1960 N/mm ²	
	0.8200 at 2160 N/mm ²	

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
4	8	13.5	1 300	2 800	14.9	1 500	3 300	16.0	1 550	3 400
5	11	19.1	1 940	4 200	21.1	2 150	4 700	22.7	2 310	5 000
6	12	21.0	2 100	4 600	23.3	2 350	5 100	25.1	2 500	5 500
7	17	28.9	2 950	6 500	32.4	3 300	7 200	34.8	3 550	7 800
8	20	33.9	3 440	7 500	37.6	3 830	8 400	40.4	4 110	9 000
9	21	35.6	3 600	7 900	39.4	3 950	8 700	42.4	4 300	9 400
10	24	40.7	4 150	9 100	45.1	4 600	10 100	49.1	5 000	11 000
11	27	47.3	4 750	10 400	52.4	5 300	11 600	56.4	5 700	12 500
12	31	53.0	5 390	11 800	58.7	5 980	13 100	63.2	6 420	14 100
13	31	53.5	5 450	12 000	58.9	6 000	13 200	63.8	6 500	14 300
14	35	60.8	6 150	13 500	67.3	6 800	14 900	72.4	7 300	16 000
15	39	66.7	6 800	14 900	74.6	7 600	16 700	80.4	8 200	18 000
16	44	76.0	7 650	16 800	84.0	8 550	18 800	90.2	9 150	20 100
17	44	76.4	7 760	17 100	84.6	8 620	19 000	91.0	9 250	20 300
18	50	84.9	8 650	19 000	94.7	9 650	21 200	102	10 350	22 800
19	57	98.6	10 050	22 100	109	11 150	24 500	118	12 000	26 400
20	60	104	10 560	23 200	115	11 740	25 800	124	12 600	27 700
22	69	119	12 100	26 600	132	13 500	29 700	142	14 500	31 900

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1/2	79	136	13 800	30 400	150	15 330	33 700	162	16 460	36 200
13		81	140	14 250	31 400	155	15 850	34 900	167	17 050	37 500
14		94	162	16 550	36 400	181	18 400	40 500	194	19 800	43 600
	5/16	99	172	17 470	38 500	190	19 410	42 700	205	20 840	45 900
15		109	188	19 200	42 300	209	21 350	47 000	225	22 950	50 500
	3/8	123	212	21 570	47 500	235	23 960	52 800	253	25 730	56 700
16		125	214	21 850	48 100	238	24 300	53 500	256	26 100	57 500
17		140	242	24 650	54 300	268	27 350	60 200	288	29 350	64 700
18		159	275	28 000	61 700	305	31 100	68 500	328	33 400	73 600
19		177	305	31 100	68 500	339	34 550	76 100	364	37 100	81 700
	3/4	177	306	31 240	68 800	340	34 700	76 400	366	37 260	82 100
20		194	334	34 000	74 900	371	37 800	83 300	398	40 550	89 300
21		219	378	38 550	84 900	420	42 800	94 300	451	46 000	101 400
22		239	411	41 900	92 300	457	46 550	102 600	491	50 000	110 200
	7/8	240	416	42 270	93 100	460	46 970	103 500	495	50 430	111 100
23		258	444	45 300	99 800	494	50 350	111 000	530	54 050	119 100
24		281	484	49 300	108 600	538	54 800	120 800	577	58 850	129 700
25		303	522	53 250	117 300	581	59 250	130 600	624	63 600	140 200
	1	314	543	55 220	121 700	601	61 350	135 200	647	65 880	145 200
26		331	570	58 150	128 100	634	64 600	142 400	681	69 400	152 900
27		357	615	62 700	138 200	683	69 600	153 400	733	74 750	164 700
28		382	659	67 200	148 100	732	74 650	164 500	786	80 150	176 600
	1 1/8	398	687	69 880	154 000	761	77 650	171 100	819	83 380	183 800
29		413	713	72 650	160 100	792	80 700	177 900	851	86 700	191 100
30		442	762	77 700	171 200	847	86 350	190 300	909	92 700	204 300
31		468	809	82 200	181 200	895	91 350	201 300	964	98 100	216 200
	1 1/4	491	848	86 280	190 200	940	95 860	211 300	1 011	102 940	226 900
32		498	859	87 600	193 100	955	97 350	214 600	1 026	104 550	230 400
33		530	916	93 150	205 300	1 015	103 550	228 200	1 092	111 150	245 000
34		565	973	99 200	218 600	1 082	110 250	243 000	1 162	118 400	261 000
	1 3/8	594	1 027	104 400	230 100	1 137	116 000	255 700	1 223	124 560	274 600



PRODUCT

► DIEPA **D 1200 Z** Ordinary lay

PROPERTIES

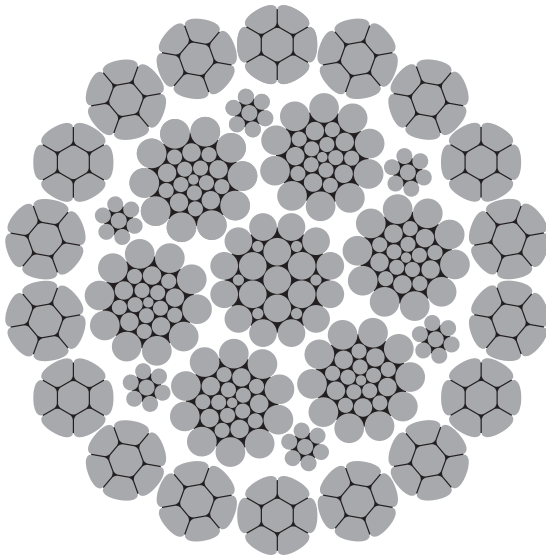
- Slightly rotation resistant
- Compacted outer strands
- Use without rope swivel

TECHNICAL DATA

Load-bearing wires	84 Ø 6 – 14 mm	RCN.23-1
in outer strands/	204 Ø 15 – 40 mm	RCN.25
RCN acc. to ISO 4309		
Total number	133 Ø 6 – 14 mm	
of wires	325 Ø 15 – 40 mm	
Fill factor	0.6870	
Spinning loss factor	0.8000 at 1770 N/mm ²	
	0.8000 at 1960 N/mm ²	
	0.7800 at 2160 N/mm ²	

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
6		17	27.5	2 750	6 000	30.4	3 050	6 700	32.7	3 300	7 200
	¼	19	30.8	3 120	6 800	34.1	3 480	7 600	36.7	3 720	8 200
6.5		20	32.3	3 250	7 100	35.7	3 600	7 900	38.4	3 900	8 500
7		23	37.4	3 800	8 300	41.4	4 200	9 200	44.5	4 500	9 900
7.5		27	43.0	4 350	9 500	47.6	4 800	10 500	51.1	5 150	11 300
	5/16	30	48.1	4 880	10 700	53.3	5 430	11 900	57.3	5 820	12 800
8		30	48.9	4 950	10 900	54.1	5 500	12 100	58.1	5 850	12 800
8.5		34	55.2	5 600	12 300	61.1	6 200	13 600	65.7	6 650	14 600
9		38	61.9	6 250	13 700	68.5	6 950	15 300	73.6	7 450	16 400
9.5		43	69.0	7 000	15 400	76.4	7 750	17 000	81.9	8 300	18 200
	¾	43	69.3	7 040	15 500	76.8	7 830	17 200	82.5	8 390	18 400
10		47	76.4	7 750	17 000	84.6	8 600	18 900	90.9	9 200	20 200
11		57	92.4	9 400	20 700	102	10 400	22 900	110	11 150	24 500
	7/16	59	94.3	9 590	21 100	104	10 650	23 400	112	11 420	25 100
12		68	110	11 150	24 500	122	12 400	27 300	131	13 250	29 200
	½	77	123	12 520	27 600	136	13 920	30 600	147	14 920	32 800
13		80	129	13 100	28 800	143	14 550	32 000	154	15 600	34 300
14		93	150	15 200	33 500	166	16 900	37 200	178	18 100	39 900

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	5/16	97	156	15 850	34 900	173	17 610	38 800	186	18 890	41 600
15		107	172	17 450	38 400	190	19 400	42 700	205	20 800	45 800
	3/8	120	193	19 570	43 100	213	21 750	47 900	229	23 320	51 400
16		122	196	19 850	43 700	217	22 050	48 600	233	23 650	52 100
17		137	221	22 400	49 300	245	24 900	54 800	263	26 750	58 900
18		154	248	25 150	55 400	274	27 950	61 600	295	29 950	66 000
19		171	276	28 000	61 700	305	31 150	68 600	328	33 400	73 600
	3/4	172	277	28 190	62 100	307	31 320	69 000	330	33 590	74 000
20		190	306	31 000	68 300	338	34 500	76 000	364	37 000	81 500
21		209	337	34 200	75 300	373	38 000	83 700	401	40 750	89 800
22		230	370	37 600	82 800	410	41 750	92 000	440	44 800	98 700
	7/8	235	377	38 370	84 500	418	42 640	94 000	449	45 730	100 800
		251	404	41 050	90 400	448	45 600	100 500	481	48 900	107 800
24		273	440	44 700	98 500	487	49 700	109 500	524	53 300	117 500
25		297	478	48 550	107 000	529	53 900	118 800	568	57 800	127 400
	1	306	493	50 120	110 400	546	55 690	122 700	586	59 730	131 600
26		321	517	52 500	115 700	572	58 300	128 500	615	62 550	137 800
27		346	557	56 600	124 700	617	62 900	138 600	663	67 450	148 700
28		372	599	60 850	134 100	663	67 650	149 100	713	72 550	159 900
	1 1/8	388	624	63 440	139 800	691	70 480	155 300	742	75 590	166 600
29		399	643	65 300	143 900	712	72 600	160 000	765	77 800	171 500
30		427	688	69 900	154 100	761	77 650	171 100	818	83 300	183 600
31		456	734	74 600	164 400	813	82 950	182 800	874	88 950	196 000
	1 1/4	479	770	78 320	172 600	853	87 020	191 800	916	93 330	205 700
32		486	782	79 550	175 300	866	88 400	194 800	931	94 800	208 900
33		517	832	84 600	186 500	921	94 000	207 200	990	100 800	222 200
34		549	883	89 800	197 900	978	99 750	219 900	1 051	107 000	235 800
	1 3/8	579	932	94 760	208 900	1 032	105 290	232 100	1 109	112 930	248 900
35		582	936	95 150	209 700	1 036	105 700	233 000	1 114	113 400	250 000
36		615	990	100 650	221 800	1 096	111 850	246 500	1 178	119 950	264 400
37		650	1 046	106 350	234 400	1 158	118 150	260 400	1 245	126 750	279 400
38		686	1 103	112 150	247 200	1 222	124 600	274 600	1 313	133 650	294 600
	1 1/2	689	1 109	112 780	248 600	1 228	125 310	276 200	1 320	134 400	296 200
39		722	1 162	118 150	260 400	1 287	131 250	289 300	1 383	140 800	310 400
40		760	1 222	124 250	273 900	1 354	138 100	304 400	1 455	148 100	326 500
	1 5/8	809	1 302	132 360	291 800	1 441	147 070	324 200	1 549	157 730	347 700



PRODUCT

- DIEPA **D 1318 Z** Ordinary lay
- DIEPA **D 1318 ZP** Ordinary lay with internal plastic component
- ▶ DIEPA **D 1318 CZ** Lang lay
- DIEPA **D 1318 CZP** Lang lay with internal plastic component

PROPERTIES

- Rotation resistant
- Compacted outer strands
- High breaking force

TECHNICAL DATA

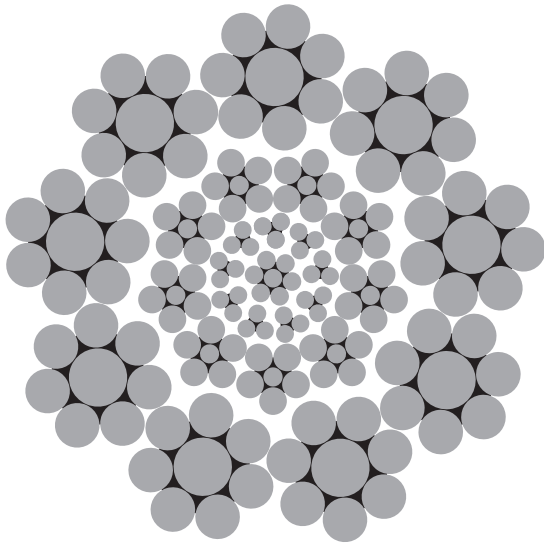
Load-bearing wires	108	Ø 6–9 mm	RCN.23-2
in outer strands/	126	Ø 10–49 mm	RCN.23-3
RCN acc. to ISO 4309	306	Ø 50–70 mm	RCN.31
Total number	241	Ø 6–9 mm	
of wires	349	Ø 10–49 mm	
	600	Ø 50–70 mm	
Fill factor	0.7509		
Spinning loss factor	0.7800	at 1770 N/mm ²	
	0.7800	at 1960 N/mm ²	
	0.7700	at 2160 N/mm ²	

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
6		20	29.3	2 950	6 500	32.5	3 250	7 100	35.3	3 550	7 800
	¼	21	32.3	3 290	7 200	35.9	3 660	8 000	38.8	3 960	8 700
6.5		22	34.4	3 450	7 600	38.1	3 850	8 400	41.4	4 150	9 100
7		27	39.9	4 050	8 900	44.2	4 450	9 800	48.1	4 850	10 600
7.5		30	45.8	4 600	10 100	50.7	5 100	11 200	55.2	5 550	12 200
	5/16	33	50.6	5 160	11 300	56.4	5 750	12 600	61.3	6 250	13 700
8		35	52.1	5 250	11 500	57.7	5 850	12 800	62.8	6 350	13 900
8.5		38	58.8	5 950	13 100	65.1	6 600	14 500	70.9	7 150	15 700
9		44	66.0	6 650	14 600	73.0	7 400	16 300	79.3	8 050	17 700
9.5		48	73.5	7 400	16 300	81.1	8 250	18 100	88.6	9 000	19 800
	¾	48	73.5	7 440	16 400	81.3	8 290	18 200	88.7	9 040	19 900
10		52	80.3	8 150	17 900	88.9	9 050	19 900	96.6	9 850	21 700
11		64	97.5	9 900	21 800	108	10 950	24 100	117	11 900	26 200
	7/16	66	99.3	10 120	22 300	110	11 200	24 600	119	12 180	26 800
12		78	119	12 050	26 500	132	13 400	29 500	143	14 550	32 000
	½	86	132	13 460	29 600	147	14 990	33 000	160	16 270	35 800
13		91	139	14 100	31 000	154	15 700	34 600	167	17 050	37 500
14		105	161	16 400	36 100	179	18 250	40 200	194	19 800	43 600

DIEPA D 1318 Z
DIEPA D 1318 ZP
DIEPA D 1318 CZ
DIEPA D 1318 CZP

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	5/16	108	167	17 060	37 600	186	18 990	41 800	202	20 620	45 400
15		121	185	18 750	41 300	205	20 900	46 000	223	22 700	50 000
	3/8	134	206	21 020	46 300	229	23 390	51 500	249	25 370	55 900
16		137	211	21 350	47 000	233	23 750	52 300	253	25 750	56 700
17		155	237	24 100	53 100	263	26 800	59 000	285	29 100	64 100
18		175	268	27 200	59 900	296	30 200	66 500	322	32 800	72 300
19		193	296	30 100	66 300	328	33 450	73 700	356	36 300	80 000
	3/4	193	297	30 250	66 600	330	33 620	74 100	358	36 490	80 400
20		214	328	33 350	73 500	363	37 050	81 600	395	40 250	88 700
21		236	361	36 700	80 900	400	40 800	89 900	435	44 300	97 600
22		259	397	40 350	88 900	440	44 850	98 800	478	48 700	107 300
	7/8	262	404	41 190	90 800	449	45 790	100 900	488	49 720	109 600
23		283	434	44 100	97 200	481	49 050	108 100	522	53 250	117 300
24		308	473	48 000	105 800	523	53 350	117 600	568	57 900	127 600
25		327	502	51 050	112 500	556	56 700	125 000	604	61 600	135 800
	1	342	520	52 960	116 700	577	58 850	129 700	627	63 910	140 800
26		359	551	55 900	123 200	609	62 150	137 000	662	67 450	148 700
27		385	591	60 050	132 300	654	66 800	147 200	711	72 500	159 800
28		415	637	64 750	142 700	706	71 950	158 600	767	78 150	172 200
	1 1/8	433	660	67 250	148 200	733	74 740	164 700	796	81 170	178 900
29		443	680	69 100	152 300	753	76 800	169 300	818	83 400	183 800
30		474	727	73 900	162 900	805	82 100	180 900	875	89 200	196 600
31		504	774	78 650	173 300	856	87 350	192 500	931	94 900	209 200
	1 1/4	535	811	82 640	182 100	900	91 790	202 300	978	99 680	219 700
32		539	826	84 000	185 100	915	93 300	205 600	994	101 300	223 300
33		572	877	89 150	196 500	971	99 050	218 300	1 056	107 600	237 200
34		607	931	94 700	208 700	1 032	105 250	232 000	1 121	114 250	251 800
	1 3/8	647	983	100 180	220 800	1 092	111 280	245 300	1 185	120 840	266 400
35		645	990	100 600	221 700	1 096	111 750	246 300	1 190	121 350	267 500
36		680	1 043	106 050	233 700	1 155	117 850	259 800	1 255	127 950	282 000
37		723	1 109	112 700	248 400	1 228	125 250	276 100	1 335	136 050	299 900
38		759	1 165	118 400	261 000	1 289	131 550	290 000	1 401	142 850	314 900
	1 1/2	770	1 167	119 000	262 300	1 297	132 220	291 400	1 409	143 580	316 500
39		798	1 225	124 500	274 400	1 356	138 350	305 000	1 474	150 250	331 200
40		839	1 286	130 800	288 300	1 425	145 350	320 400	1 549	157 850	347 900
41		884	1 356	137 800	303 700	1 501	153 100	337 500	1 631	166 250	366 500
	1 5/8	904	1 370	139 640	307 800	1 522	155 150	342 000	1 653	168 480	371 400
42		926	1 421	144 450	318 400	1 573	160 500	353 800	1 710	174 300	384 200
43		972	1 491	151 650	334 300	1 651	168 500	371 400	1 795	182 950	403 300
44		1 017	1 560	158 550	349 500	1 727	176 200	388 400	1 877	191 300	421 700
	1 3/4	1 049	1 589	161 940	357 000	1 765	179 950	396 700	1 917	195 410	430 800
45		1 065	1 634	166 150	366 200	1 810	184 600	406 900	1 967	200 500	442 000
46		1 111	1 704	173 200	381 800	1 887	192 500	424 300	2 050	209 000	460 700
47		1 161	1 781	181 000	399 000	1 972	201 150	443 400	2 143	218 400	481 400
	1 7/8	1 204	1 822	185 760	409 500	2 025	206 450	455 100	2 199	224 170	494 200
48		1 209	1 856	188 600	415 700	2 055	209 600	462 000	2 233	227 600	501 700
49		1 261	1 934	196 600	433 400	2 142	218 500	481 700	2 327	237 250	523 000
50		1 314	2 015	204 900	451 700	2 232	227 650	501 800	2 425	247 200	544 900
	2	1 370	2 101	213 680	471 000	2 327	237 420	523 400	2 531	257 810	568 300
51		1 381	2 118	215 350	474 700	2 345	239 250	527 400	2 551	259 800	572 700
52		1 435	2 202	223 850	493 400	2 438	248 700	548 200	2 653	270 100	595 400
53		1 491	2 287	232 550	512 600	2 533	258 400	569 600	2 755	280 600	618 600
	2 1/8	1 546	2 372	241 220	531 700	2 627	268 020	590 800	2 858	291 050	641 600
54		1 548	2 374	241 400	532 100	2 629	268 200	591 200	2 861	291 250	642 000
55		1 606	2 463	250 450	552 100	2 728	278 300	613 500	2 967	302 150	666 100
56		1 665	2 554	259 650	572 400	2 828	288 450	635 900	3 076	313 250	690 500
57		1 725	2 646	269 000	593 000	2 930	298 850	658 800	3 187	324 550	715 500
	2 1/4	1 734	2 659	270 430	596 100	2 945	300 480	662 400	3 204	326 290	719 300
58		1 786	2 739	278 500	613 900	3 033	309 450	682 200	3 299	336 050	740 800
59		1 848	2 835	288 200	635 300	3 139	320 200	705 900	3 414	347 700	766 500

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
60		1 911	2 931	298 050	657 000	3 246	331 150	730 000	3 531	359 600	792 700
	2 ³ / ₈	1 932	2 963	301 320	664 200	3 281	334 790	738 000	3 570	363 560	801 500
61		1 975	3 030	308 100	679 200	3 355	342 300	754 600	3 650	371 700	819 400
62		2 040	3 130	318 250	701 600	3 466	353 650	779 600	3 771	383 950	846 400
63		2 107	3 232	328 600	724 400	3 579	365 100	804 800	3 893	396 500	874 100
	2 ¹ / ₂	2 140	3 283	333 870	736 000	3 636	370 960	817 800	3 955	402 840	888 100
64		2 174	3 335	339 100	747 500	3 693	376 800	830 600	4 018	409 150	902 000
65		2 243	3 440	349 800	771 100	3 810	388 650	856 800	4 144	422 050	930 400
66		2 312	3 547	360 650	795 000	3 927	400 700	883 300	4 273	435 150	959 300
	2 ⁵ / ₈	2 360	3 620	368 090	811 400	4 008	408 990	901 600	4 361	444 120	979 100
67		2 383	3 655	371 650	819 300	4 047	412 950	910 300	4 403	448 400	988 500
68		2 454	3 765	382 850	844 000	4 169	425 400	937 800	4 535	461 900	1 018 300
69		2 527	3 877	394 200	869 000	4 292	438 000	965 600	4 670	475 600	1 048 500
	2 ³ / ₄	2 590	3 973	403 980	890 600	4 399	448 870	989 500	4 786	487 430	1 074 500
70		2 601	3 990	405 700	894 400	4 418	450 800	993 800	4 806	489 500	1 079 100



PRODUCT

▶ **DIEPA K 114** Ordinary lay

PROPERTIES

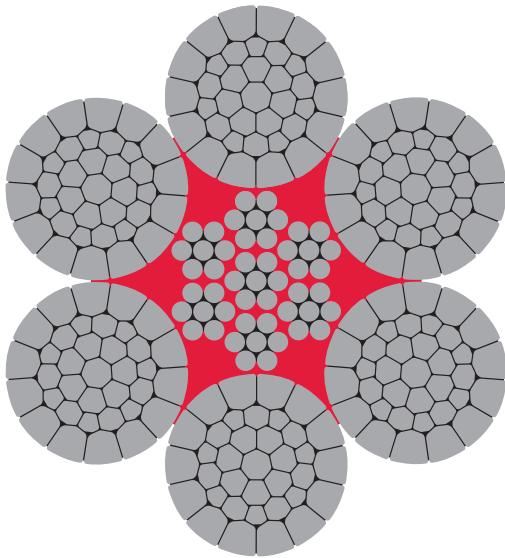
- Non-rotation resistant
- Non-compacted outer strands
- Use without rope swivel

TECHNICAL DATA

Load-bearing wires	63 Ø 6 mm	RCN.02
in outer strands/ RCN acc. to ISO 4309	72 Ø 7–20 mm	RCN.02
Total number of wires	106 Ø 6 mm 160 Ø 7–20 mm	
Fill factor	0.6154	
Spinning loss factor	0.8500	

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
6	16	24.5	2 500	5 500	27.7	2 800	6 100	On request		
6.5	19	28.5	2 910	6 400	31.5	3 210	7 000			
7	19	30.7	3 100	6 800	34.0	3 400	7 400			
7.5	24	36.5	3 700	8 100	41.0	4 150	9 100			
8	26	40.9	4 100	9 000	45.3	4 550	10 000			
8.5	29	44.0	4 490	9 800	49.3	5 030	11 000			
9	29	44.8	4 550	10 000	49.5	5 100	11 200			
9.5	33	52.5	5 300	11 600	58.2	5 900	13 000			
10	39	59.9	6 150	13 500	67.3	6 800	14 900			
11	41	65.6	6 650	14 600	72.7	7 350	16 200			
12	42	65.6	6 690	14 700	72.7	7 400	16 300			
13	46	72.3	7 400	16 300	81.3	8 250	18 100			
14	59	91.6	9 350	20 600	103	10 450	23 000			
15	59	92.9	9 470	20 800	104	10 580	23 300			
16	66	102	10 500	23 100	115	11 700	25 700			
17	74	114	11 670	25 700	128	13 010	28 600			
18	76	116	12 200	26 800	133	13 600	29 900			
19	89	133	14 400	31 700	157	16 000	35 200			

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm²			Min. breaking force 1960 N/mm²			Min. breaking force 2160 N/mm²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1/16	94	146	14 930	32 900	163	16 590	36 500	On request		
15		101	155	16 300	35 900	178	18 100	39 900			
	5/8	116	181	18 490	40 700	202	20 590	45 300			
16		117	181	18 800	41 400	206	20 950	46 100			
17		133	210	21 300	46 900	233	23 700	52 200			
18		149	235	23 900	52 600	261	26 600	58 600			
19		166	263	26 650	58 700	291	29 600	65 200			
	3/4	167	263	26 790	59 000	292	29 750	65 500			
20		184	291	29 550	65 100	322	32 850	72 400			



PRODUCT

- DIEPA **Z 299** Ordinary lay
- ▶ DIEPA **PZ 299** Ordinary lay with internal plastic component

PROPERTIES

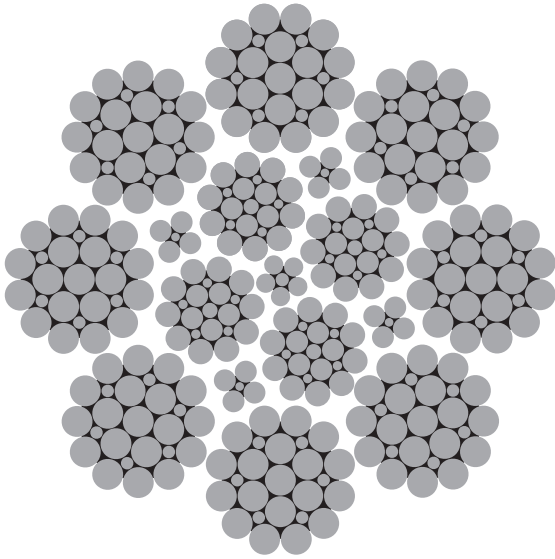
- Non-rotation resistant
- Compacted outer strands
- Use without rope swivel

TECHNICAL DATA

Load-bearing wires	42 Ø 4–6 mm	RCN.01
in outer strands/ RCN acc. to ISO 4309	216 Ø 7–60 mm	RCN.09
Total number of wires	91 Ø 4–6 mm 265 Ø 7–60 mm	
Fill factor	0.6526	
Spinning loss factor	0.8400 at 1770 N/mm ² 0.8400 at 1960 N/mm ² 0.8300 at 2160 N/mm ²	

Diameter mm inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
4	7	12.2	1 200	2 600	13.5	1 300	2 800	14.7	1 450	3 100
3/16	10	17.3	1 750	3 800	19.1	1 940	4 200	20.8	2 110	4 600
5	11	19.1	1 900	4 100	21.1	2 100	4 600	22.9	2 300	5 000
6	16	27.5	2 750	6 000	30.5	3 100	6 800	33.2	3 350	7 300
1/4	18	30.7	3 120	6 800	34.0	3 460	7 600	37.1	3 760	8 200
6.5	19	32.2	3 200	7 000	35.7	3 600	7 900	38.8	3 900	8 500
7	22	37.3	3 750	8 200	41.3	4 200	9 200	45.0	4 550	10 000
7.5	26	42.9	4 300	9 400	47.5	4 800	10 500	51.7	5 200	11 400
5/16	29	48.0	4 880	10 700	53.2	5 410	11 900	57.9	5 890	12 900
8	29	48.8	4 950	10 900	54.0	5 500	12 100	58.8	5 950	13 100
8.5	33	55.1	5 550	12 200	61.0	6 200	13 600	66.4	6 700	14 700
9	37	61.7	6 250	13 700	68.3	6 950	15 300	74.4	7 550	16 600
9.5	41	68.8	6 950	15 300	76.2	7 750	17 000	82.9	8 400	18 500
3/8	41	69.1	7 030	15 400	76.6	7 810	17 200	83.4	8 490	18 700
10	46	76.2	7 700	16 900	84	8 600	18 900	92.1	9 300	20 500
11	55	92.4	9 350	20 600	102	10 400	22 900	111	11 250	24 800
7/16	56	94.1	9 560	21 000	104	10 620	23 400	113	11 550	25 400
12	66	110	11 100	24 400	122	12 350	27 200	132	13 400	29 500
1/2	74	123	12 490	27 500	136	13 880	30 500	148	15 080	33 200
13	77	129	13 050	28 700	143	14 500	31 900	155	15 800	34 800
14	89	150	15 150	33 300	165	16 800	37 000	180	18 300	40 300
9/16	93	156	15 810	34 800	172	17 570	38 700	188	19 090	42 000
15	103	171	17 400	38 300	190	19 350	42 600	207	21 000	46 200

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	5/8	115	192	19 530	43 000	213	21 690	47 800	232	23 580	51 900
16		117	195	19 800	43 600	216	22 000	48 500	235	23 900	52 600
17		132	220	22 350	49 200	244	24 850	54 700	266	27 000	59 500
18		148	247	25 050	55 200	274	27 850	61 300	298	30 250	66 600
19		165	275	27 950	61 600	305	31 050	68 400	332	33 750	74 400
	3/4	166	277	28 120	61 900	306	31 240	68 800	333	33 960	74 800
20		182	305	30 950	68 200	338	34 400	75 800	368	37 400	82 400
21		201	336	34 100	75 100	372	37 950	83 600	405	41 250	90 900
22		221	369	37 500	82 600	408	41 650	91 800	445	45 250	99 700
	7/8	225	376	38 270	84 300	417	42 520	93 700	454	46 220	101 800
23		241	403	40 950	90 200	446	45 500	100 300	486	49 450	109 000
24		263	439	44 600	98 300	486	49 550	109 200	530	53 850	118 700
25		285	476	48 400	106 700	528	53 800	118 600	574	58 450	128 800
	1	294	492	49 990	110 200	544	55 540	122 400	593	60 370	133 000
26		308	515	52 350	115 400	570	58 200	128 300	621	63 200	139 300
27		333	555	56 450	124 400	615	62 700	138 200	670	68 200	150 300
28		358	597	60 700	133 800	662	67 450	148 700	720	73 300	161 500
	1 1/8	372	622	63 270	139 400	689	70 300	154 900	750	76 410	168 400
29		384	641	65 100	143 500	710	72 400	159 600	773	78 650	173 300
30		411	686	69 700	153 600	759	77 450	170 700	827	84 200	185 600
31		438	732	74 450	164 100	811	82 700	182 300	883	89 900	198 100
	1 1/4	460	768	78 120	172 200	851	86 790	191 300	926	94 340	207 900
32		467	780	79 300	174 800	864	88 150	194 300	941	95 800	211 200
33		497	830	84 350	185 900	919	93 700	206 500	1 001	101 900	224 600
34		527	881	89 550	197 400	975	99 500	219 300	1 062	108 150	238 400
	1 3/8	556	930	94 520	208 300	1 029	105 020	231 500	1 121	114 150	251 600
35		559	933	94 900	209 200	1 034	105 450	232 400	1 125	114 600	252 600
36		591	988	100 400	221 300	1 094	111 550	245 900	1 191	121 250	267 300
37		625	1 043	106 050	233 700	1 155	117 850	259 800	1 258	128 100	282 400
38		659	1 100	111 850	246 500	1 219	124 300	274 000	1 327	135 100	297 800
	1 1/2	662	1 106	112 490	247 900	1 225	124 990	275 500	1 334	135 850	299 400
39		694	1 159	117 850	259 800	1 284	130 950	288 600	1 398	142 300	313 700
40		730	1 220	123 950	273 200	1 350	137 750	303 600	1 470	149 700	330 000
41		767	1 281	130 200	287 000	1 419	144 700	319 000	1 545	157 300	346 700
	1 5/8	777	1 298	132 020	291 000	1 438	146 680	323 300	1 565	159 440	351 500
42		805	1 344	136 650	301 200	1 488	151 850	334 700	1 621	165 050	363 800
43		843	1 409	143 250	315 800	1 560	159 150	350 800	1 699	173 000	381 300
44		883	1 475	150 000	330 600	1 634	166 650	367 300	1 779	181 150	399 300
	1 3/4	901	1 506	153 110	337 500	1 667	170 130	375 000	1 816	184 910	407 600
45		924	1 543	156 900	345 900	1 709	174 300	384 200	1 861	189 450	417 600
46		965	1 613	163 950	361 400	1 786	182 150	401 500	1 945	198 000	436 500
47		1 008	1 683	171 150	377 300	1 864	190 150	419 200	2 030	206 700	455 600
	1 7/8	1 035	1 728	175 770	387 500	1 914	195 300	430 500	2 084	212 270	467 900
48		1 051	1 756	178 500	393 500	1 945	198 350	437 200	2 117	215 550	475 200
49		1 095	1 830	186 050	410 100	2 026	206 700	455 600	2 206	224 650	495 200
50		1 140	1 905	193 700	427 000	2 110	215 250	474 500	2 297	233 950	515 700
	2	1 177	1 967	199 980	440 800	2 178	222 210	489 800	2 371	241 520	532 400
51		1 187	1 982	201 550	444 300	2 195	223 900	493 600	2 390	243 350	536 400
52		1 233	2 061	209 500	461 800	2 281	232 800	513 200	2 485	253 000	557 700
53		1 281	2 140	217 650	479 800	2 370	241 850	533 100	2 581	262 850	579 400
	2 1/8	1 329	2 220	225 760	497 700	2 458	250 850	553 000	2 677	272 650	601 000
54		1 330	2 222	225 950	498 100	2 460	251 050	553 400	2 679	272 900	601 600
55		1 380	2 305	234 400	516 700	2 553	260 400	574 000	2 780	283 100	624 100
56		1 431	2 390	243 000	535 700	2 647	270 000	595 200	2 882	293 450	646 900
57		1 482	2 476	251 750	555 000	2 742	279 750	616 700	2 986	304 050	670 300
	2 1/4	1 490	2 489	253 110	558 000	2 756	281 240	620 000	3 001	305 680	673 900
58		1 535	2 564	260 650	574 600	2 838	289 600	638 400	3 091	314 800	694 000
59		1 588	2 653	269 750	594 600	2 937	299 700	660 700	3 199	325 750	718 100
60		1 642	2 743	278 950	614 900	3 038	309 950	683 300	3 308	336 850	742 600
	2 3/8	1 660	2 773	282 020	621 700	3 071	313 350	690 800	3 344	340 590	750 800



PRODUCT

▶ DIEPA S417 Ordinary lay

PROPERTIES

- Non-rotation resistant
- Non-compacted outer strands
- Use without rope swivel

TECHNICAL DATA

Load-bearing wires	56	Ø 4 – 7 mm	RCN.02
in outer strands/	152	Ø 8 – 59 mm	RCN.06
RCN acc. to ISO 4309	288	Ø 60 – 75 mm	RCN.13
Total number	95	Ø 4 – 7 mm	
of wires	246	Ø 8 – 15 mm	
	310	Ø 16 – 59 mm	
	427	Ø 60 – 75 mm	
Fill factor	0.6648		
Spinning loss factor	0.8600	at 1770 N/mm ²	
	0.8600	at 1960 N/mm ²	
	0.8200	at 2160 N/mm ²	

Diameter	Weight	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²				
		mm	inch	kg/100m	kN	kp	lbs	kN	kp	lbs	kN	kp
4	8			12.7	1 250	2 700	14.1	1 400	3 000	14.8	1 450	3 100
	11	3/16		17.3	1 760	3 800	19.5	1 990	4 300	20.3	2 070	4 500
5	12			19.9	1 950	4 200	22.0	2 200	4 800	23.1	2 300	5 000
6	17			28.6	2 850	6 200	31.7	3 200	7 000	33.3	3 350	7 300
	19	1/4		31.3	3 190	7 000	35.1	3 580	7 800	36.9	3 760	8 200
6.5	20			33.6	3 350	7 300	37.2	3 750	8 200	39.1	3 950	8 700
7	23			38.9	3 950	8 700	43.1	4 350	9 500	45.3	4 550	10 000
7.5	26			44.7	4 500	9 900	49.5	5 000	11 000	52.0	5 250	11 500
	30	5/16		49.2	5 020	11 000	54.5	5 560	12 200	57.0	5 810	12 800
8	30			50.0	5 100	11 200	55.4	5 650	12 400	57.9	5 900	13 000
8.5	34			57.4	5 800	12 700	63.6	6 450	14 200	66.8	6 750	14 800
9	38			63.3	6 450	14 200	70.1	7 150	15 700	73.6	7 500	16 500
9.5	42			71.7	7 250	15 900	79.4	8 050	17 700	83.6	8 450	18 600
	43	3/8		71.7	7 290	16 000	79.4	8 090	17 800	83.6	8 490	18 700
10	47			78.0	7 950	17 500	86.8	8 850	19 500	91.2	9 300	20 500
11	58			97.6	9 950	21 900	108	11 050	24 300	114	11 600	25 500
	58	7/16		99.5	10 140	22 300	111	11 270	24 800	116	11 820	26 000
12	69			116	11 800	26 000	129	13 150	28 900	135	13 750	30 300

Diameter mm	inch	Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
			kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	1/2	76	128	13 040	28 700	142	14 490	31 900	149	15 230	33 500
13		80	133	13 600	29 900	148	15 100	33 200	156	15 900	35 000
14		95	159	16 200	35 700	177	18 000	39 600	185	18 900	41 600
	5/16	96	165	16 790	37 000	183	18 650	41 100	192	19 570	43 100
15		107	180	18 300	40 300	199	20 300	44 700	209	21 300	46 900
	3/8	118	204	20 790	45 800	226	23 060	50 800	237	24 190	53 300
16		123	207	21 150	46 600	230	23 450	51 600	241	24 600	54 200
17		138	232	23 650	52 100	258	26 250	57 800	270	27 550	60 700
18		153	258	26 300	57 900	286	29 200	64 300	301	30 650	67 500
19		173	291	29 700	65 400	324	33 000	72 700	339	34 600	76 200
	3/4	174	293	29 830	65 700	325	33 150	73 000	341	34 760	76 600
20		190	319	32 550	71 700	355	36 200	79 800	373	38 000	83 700
21		204	343	35 000	77 100	382	38 950	85 800	401	40 850	90 000
22		234	393	40 100	88 400	437	44 500	98 100	458	46 700	102 900
	7/8	239	401	40 910	90 100	446	45 420	100 100	468	47 660	105 000
23		255	429	43 700	96 300	477	48 600	107 100	500	50 950	112 300
24		276	465	47 350	104 300	516	52 600	115 900	541	55 150	121 500
25		297	500	50 950	112 300	555	56 550	124 600	582	59 350	130 800
	1	303	514	52 410	115 500	571	58 210	128 300	599	61 060	134 600
26		318	536	54 650	120 400	596	60 750	133 900	625	63 700	140 400
27		342	575	58 650	129 200	640	65 200	143 700	671	68 350	150 600
28		366	617	62 900	138 600	686	69 900	154 100	719	73 300	161 500
	1 1/8	384	646	65 860	145 100	718	73 210	161 300	753	76 750	169 200
29		396	668	68 050	150 000	742	75 650	166 700	778	79 300	174 800
30		422	711	72 450	159 700	790	80 500	177 400	828	84 450	186 100
31		442	746	76 000	167 500	828	84 450	186 100	869	88 600	195 300
	1 1/4	474	793	80 850	178 200	881	89 820	198 000	924	94 240	207 700
32		480	809	82 500	181 800	899	91 650	202 000	943	96 150	211 900
33		497	838	85 400	188 200	931	94 900	209 200	976	99 500	219 300
34		544	918	93 550	206 200	1 020	103 950	229 100	1 069	109 000	240 300
	1 3/8	573	964	98 280	216 600	1 072	109 240	240 800	1 124	114 570	252 500
35		574	968	98 650	217 400	1 076	109 650	241 700	1 128	115 000	253 500
36		617	1 040	106 000	233 600	1 156	117 800	259 700	1 212	123 550	272 300
37		649	1 093	111 450	245 700	1 215	123 900	273 100	1 275	129 950	286 400
38		682	1 150	117 200	258 300	1 277	130 200	287 000	1 340	136 600	301 100
	1 1/2	682	1 156	117 800	259 700	1 284	130 870	288 500	1 347	137 300	302 600
39		718	1 210	123 300	271 800	1 344	137 000	302 000	1 410	143 700	316 800
40		751	1 266	129 100	284 600	1 407	143 400	316 100	1 476	150 450	331 600
41		785	1 323	134 900	297 400	1 471	149 900	330 400	1 543	157 250	346 600
	1 5/8	801	1 341	136 690	301 300	1 490	151 890	334 800	1 563	159 330	351 200
42		823	1 387	141 350	311 600	1 541	157 100	346 300	1 616	164 750	363 200
43		858	1 447	147 500	325 100	1 608	163 900	361 300	1 686	171 900	378 900
44		900	1 517	154 600	340 800	1 685	171 800	378 700	1 767	180 150	397 100
	1 3/4	928	1 544	157 410	347 000	1 716	174 900	385 500	1 799	183 430	404 300
45		936	1 578	160 900	354 700	1 754	178 750	394 000	1 839	187 500	413 300
46		996	1 680	171 300	377 600	1 867	190 300	419 500	1 958	199 600	440 000
47		1 018	1 717	175 050	385 900	1 908	194 450	428 600	2 001	203 950	449 600
	1 7/8	1 066	1 760	179 410	395 500	1 955	199 310	439 300	2 051	209 030	460 800
48		1 059	1 785	182 000	401 200	1 984	202 200	445 700	2 080	212 050	467 400
49		1 099	1 853	188 900	416 400	2 059	209 900	462 700	2 160	220 200	485 400
50		1 142	1 925	196 250	432 600	2 139	218 050	480 700	2 244	228 700	504 100
	2	1 213	2 051	208 570	459 800	2 271	231 750	510 900	2 387	243 070	535 800
51		1 222	2 067	210 200	463 400	2 289	233 550	514 800	2 405	244 950	540 000
52		1 271	2 149	218 500	481 700	2 380	242 800	535 200	2 501	254 650	561 400
53		1 320	2 233	227 000	500 400	2 473	252 200	556 000	2 598	264 550	583 200
	2 1/8	1 369	2 315	235 460	519 000	2 564	261 620	576 700	2 694	274 400	604 900
54		1 370	2 318	235 650	519 500	2 566	261 850	577 200	2 697	274 650	605 400
55		1 422	2 405	244 450	538 900	2 663	271 600	598 700	2 798	284 900	628 000
56		1 474	2 492	253 400	558 600	2 760	281 600	620 800	2 900	295 350	651 100
57		1 527	2 583	262 600	578 900	2 860	291 750	643 100	3 004	306 000	674 600

Diameter		Weight kg/100m	Min. breaking force 1770 N/mm ²			Min. breaking force 1960 N/mm ²			Min. breaking force 2160 N/mm ²		
mm	inch		kN	kp	lbs	kN	kp	lbs	kN	kp	lbs
	2¼	1 535	2 596	263 980	581 900	2 875	293 320	646 600	3 021	307 630	678 200
58		1 581	2 674	271 850	599 300	2 961	302 050	665 800	3 111	316 800	698 400
59		1 636	2 767	281 300	620 100	3 063	312 600	689 100	3 219	327 850	722 700
60		1 692	2 861	290 900	641 300	3 168	323 250	712 600	3 329	339 050	747 400
	2½	1 710	2 892	294 120	648 400	3 203	326 810	720 400	3 365	342 770	755 600
61		1 749	2 958	300 700	662 900	3 275	334 150	736 600	3 442	350 450	772 600
62		1 806	3 056	310 650	684 800	3 383	345 200	761 000	3 555	362 050	798 100
63		1 865	3 154	320 750	707 100	3 493	356 400	785 700	3 670	373 800	824 000
	2½	1 895	3 205	325 900	718 400	3 549	362 120	798 300	3 729	379 800	837 300
64		1 925	3 255	331 050	729 800	3 605	367 800	810 800	3 788	385 800	850 500
65		1 985	3 358	341 450	752 700	3 719	379 400	836 400	3 907	397 900	877 200
66		2 047	3 462	352 000	776 000	3 834	391 150	862 300	4 029	410 250	904 400
	2¾	2 089	3 533	359 310	792 100	3 913	399 230	880 100	4 111	418 730	923 100
67		2 109	3 568	362 750	799 700	3 951	403 100	888 600	4 152	422 750	931 900
68		2 173	3 675	373 700	823 800	4 070	415 250	915 400	4 276	435 500	960 100
69		2 237	3 784	384 800	848 300	4 190	427 500	942 400	4 403	448 400	988 500
	2¾	2 293	3 878	394 350	869 300	4 294	438 170	965 900	4 512	459 560	1 013 100
70		2 303	3 894	396 000	873 000	4 313	440 000	970 000	4 531	461 500	1 017 400
71		2 369	4 007	407 400	898 100	4 437	452 700	998 000	4 662	474 800	1 046 700
72		2 436	4 120	418 950	923 600	4 562	465 500	1 026 200	4 795	488 250	1 076 300
73		2 504	4 236	430 650	949 400	4 690	478 500	1 054 900	4 928	501 900	1 106 400
	2¾	2 506	4 238	431 010	950 200	4 693	478 900	1 055 700	4 932	502 290	1 107 300
74		2 573	4 352	442 550	975 600	4 819	491 700	1 084 000	5 064	515 750	1 137 000
75		2 643	4 470	454 600	1 002 200	4 951	505 150	1 113 600	5 202	529 800	1 167 900

DISCONTINUED DIEPA SPECIAL WIRE ROPES

ROTATION RESISTANT

DIEPA D 1918 Z	DIEPA D 430
DIEPA D 1918 Z-S0	DIEPA D 3615 C
DIEPA D 2118	DIEPA DP 2218 Z
DIEPA D 2118 C	DIEPA D 915
DIEPA D 915 C	DIEPA D 1200
DIEPA SKF 18	DIEPA TK 209
DIEPA D 156	DIEPA TK 221
DIEPA D 180	DIEPA TK 248

NON-ROTATION RESISTANT

DIEPA SKF 8/9	DIEPALON
DIEPA S 408	DIEPA S 625
DIEPA S 408 N-S0	DIEPA N 625 CN
DIEPA S 417 C	DIEPA S 268
DIEPA P 826 C	DIEPA S 335
DIEPA N 825 CN	DIEPA SKZ 12
DIEPA Gelb	
DIEPA Rot	

❓ Please contact us for information on availability or alternatives.

GENERAL INFORMATION ABOUT THIS CATALOGUE

The technical specifications and depicted cross-sections of DIEPA special wire rope detailed in this catalogue comply with the current state of technology at the time of going to press.

Ongoing innovations and further developments are always finding their way into the optimisation process for our special wire ropes. This means it may happen that during the period of validity of the catalogue, the details of individual products may have been subject to change.

In addition to the special wire ropes detailed in the catalogue, DIEPA also makes ropes to specification tailored to the needs and wishes of its customers. It is therefore also possible to undertake rope constructions where the properties such as diameter, breaking force or tensile strength need to be customer specific. Our DIEPA specialists will be glad to provide additional information on this service.

❓ Should you require special elevator ropes please do not hesitate to contact our team for practical advice.

APPLICATION TABLE

DIEPA SPECIAL WIRE ROPES

	Rotation resistant	Non-rotation resistant	Compacted outer strands	Compacted rope	Use without rope swivel	Use with rope swivel	Single-layer drum coiling	Multi-layer drum coiling	Special applications
DIEPA B 40/43	•				•	•	•		
DIEPA B 45/48	•				•	•		•	
DIEPA B 50/53	•		•		•	•	•	•	
DIEPA B 55/58	•		•		•	•		•	
DIEPA B 60/63	•		•		•	•	•	•	
DIEPA B 65/68	•		•		•	•		•	
DIEPA B 70/73/75/78	•		•		•	•		•	
DIEPA C 40/43	•		•		•	•	•	•	
DIEPA C 45/48	•		•		•	•		•	
DIEPA K 40/43/45/48	•		•	•	•	•			•
DIEPA X 40/43		•			•		•		
DIEPA X 45/48		•			•				•
DIEPA X 50/53		•	•		•		•	•	
DIEPA X 55/58		•	•		•				•
DIEPA H 40/43		•	•		•		•	•	
DIEPA H 50/53		•	•	•	•			•	
DIEPA W 40/43		•	•		•		•	•	
DIEPA F 41/46		•		•	•				•
DIEPA Super 3	slightly rotation resistant			•	•	•			•
DIEPA Super 4	slightly rotation resistant		•	•	•	•			•
DIEPA D 1200 Z	slightly rotation resistant		•		•				•
DIEPA D 1318 Z/ZP	•		•		•	•	•	•	
DIEPA D 1318 CZ/CZP	•		•		•	•		•	
DIEPA K 114		•			•				•
DIEPA Z 299/PZ 299		•	•		•		•	•	
DIEPA S 417		•			•				•

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