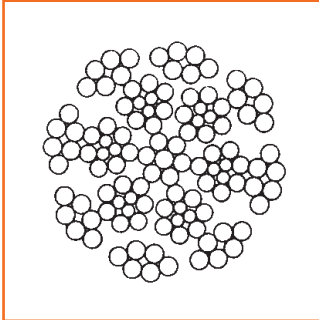


Flattened Over Triangular Strand

Non-Spin Sinking Ropes

14 Strand non-spin 8x6/6x10(7/3 Δ)/WMC



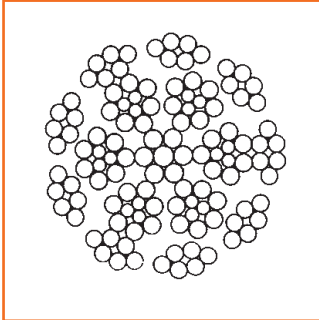
Nominal Rope Diameter (mm)	Estimated Mass (kg/m)	Estimated Breaking Force (kN)		Outer Wire Diameter (mm)
		1800MPa	1900 MPa	
16,0	1,14	188	198	1,28
17,0	1,29	213	224	1,36
18,0	1,45	240	252	1,44
19,0	1,62	269	282	1,52
20,0	1,80	298	313	1,60
21,0	1,96	325	341	1,68
22,0	2,15	357	375	1,76
23,0	2,35	391	410	1,84
24,0	2,56	426	447	1,92
25,0	2,80	465	488	2,00
26,0	3,02	503	528	2,08
27,0	3,21	535	561	2,16
28,0	3,51	587	616	2,24
29,0	3,72	621	652	2,32
30,0	4,01	668	701	2,40
31,0	4,28	714	750	2,48
32,0	4,54	759	796	2,55
33,0	4,83	805	845	2,65
34,0	5,11	853	895	2,70
35,0	5,40	902	947	2,80
36,0	5,80	969	1017	2,90

Shaft Mining Rope Tables:

Flattened Over Triangular Strand

Non-Spin Sinking Ropes

15 Strand non-spin 9x6/6x10(7/3 Δ)/WMC



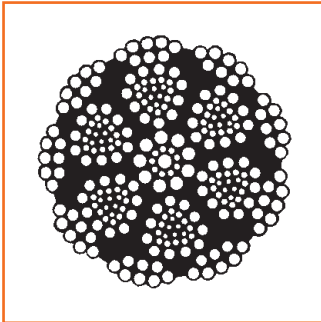
Nominal Rope Diameter (mm)	Estimated Mass (kg/m)	Estimated Breaking Force (kN)		Outer Wire Diameter (mm)
		1800MPa	1900 MPa	
25,0	2,76	444	466	1,80
26,0	2,99	483	506	1,88
27,0	3,24	523	549	1,96
28,0	3,50	566	593	2,04
29,0	3,70	599	628	2,08
30,0	3,99	645	677	2,16
31,0	4,27	691	725	2,24
32,0	4,52	731	767	2,32
33,0	4,85	784	823	2,40
34,0	5,04	815	855	2,44
35,0	5,47	885	929	2,55
36,0	5,68	920	965	2,60
37,0	6,12	990	1039	2,70
38,0	6,34	1027	1078	2,75
39,0	6,67	1080	1134	2,80
40,0	7,04	1142	1198	2,90
41,0	7,38	1197	1256	2,95
42,0	7,75	1258	1320	3,05

Shaft Mining Rope Tables:

Flattened Over Triangular Strand

Non-Spin Sinking Ropes

15 Strand non-spin 9x8/6x29(11/12/6 Δ)/WMC



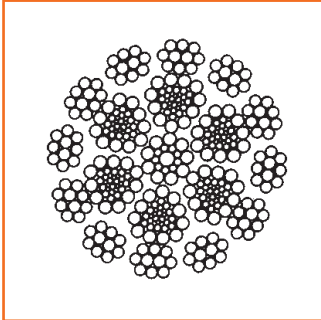
Nominal Rope Diameter (mm)	Estimated Mass (kg/m)	Estimated Breaking Force (kN)			Outer Wire Diameter (mm)
		1800 MPa	1900 MPa	1960 MPa	
42,0	7,99	1325	1393	1434	2,48
43,0	8,45	1403	1475	1518	2,55
44,0	8,82	1464	1539	1584	2,60
45,0	9,16	1521	1598	1645	2,65
46,0	9,81	1631	1714	1765	2,75
47,0	10,14	1685	1771	1823	2,80
48,0	10,41	1730	1818	1871	2,85
49,0	10,93	1818	1912	1967	2,90
50,0	11,35	1887	1983	2041	2,95
51,0	11,93	1984	2086	2147	3,05
52,0	12,48	2079	2186	2250	3,10
53,0	12,84	2137	2247	2312	3,15
54,0	13,31	2217	2330	2398	3,20
55,0	13,94	2322	2441	2512	3,30
56,0	14,52	2421	2545	2620	3,35
57,0	14,97	2499	2627	2704	3,40
58,0	15,34	2560	2692	2770	3,45
59,0	15,87	2647	2783	2864	3,50
60,0	16,32	2725	2864	2948	3,55
61,0	17,19	2870	3017	3106	3,65
62,0	17,78	2958	3110	3200	3,70
63,0	18,56	3088	3247	3342	3,78
64,0	18,59	3094	3252	3347	3,78
65,0	19,36	3223	3388	3487	3,86

Note: 1800 MPa and 1900 MPa tensile grades are the only grades suitable for Kibble Ropes. Galvanised Rope only available in 1800 MPa up to 60 mm diameter and 1900 MPa up to 48 mm diameter.

Shaft Mining Rope Tables

“Fishback” Non-Spin Sinking Ropes

18 Strand “Fishback” non-spin 12x10(8/2)/6x29(11/12/6 Δ)/WMC



Nominal Rope Diameter (mm)	Estimated Mass (kg/m)	Estimated Breaking Force (kN)		Outer Wire Diameter (mm)
		1800MPa	1900 MPa	
36,0	5,90	982,5	1033	1,76
37,0	6,13	1021	1074	1,80
38,0	6,51	1086	1142	1,84
39,0	6,95	1159	1219	1,92
40,0	7,23	1207	1269	1,96
41,0	7,59	1266	1332	2,00
42,0	7,94	1326	1394	2,04
43,0	8,46	1413	1486	2,12
44,0	8,78	1468	1543	2,16
45,0	9,14	1528	1607	2,20
46,0	9,53	1593	1675	2,24
47,0	10,05	1680	1767	2,32
48,0	10,44	1747	1837	2,36
49,0	10,94	1829	1923	2,40
50,0	11,20	1873	1969	2,44
51,0	11,85	1982	2085	2,50
52,0	12,32	2062	2168	2,55
53,0	12,69	2124	2234	2,60
54,0	13,20	2210	2324	2,65
55,0	13,66	2289	2407	2,70
56,0	14,10	2363	2485	2,75
57,0	14,63	2451	2577	2,80
58,0	15,32	2568	2700	2,85
59,0	15,81	2652	2789	2,90
60,0	16,31	2736	2877	2,95
61,0	16,92	2839	2985	3,00
62,0	17,44	2928	3080	3,05
63,0	18,02	3025	3181	3,10
64,0	18,56	3118	3279	3,15

Note: Not recommended for use as kibble rope in sizes smaller than 46 mm diameter.