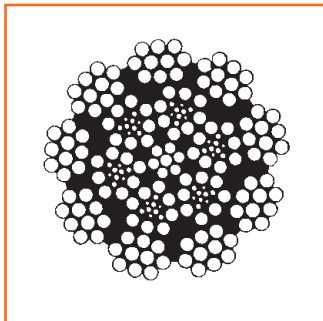


## “Fishback” Non-Spin Stage Ropes

### 15 Strand non-spin

### 9x10(8/2)/6x14(8/6 $\Delta$ )/WMC

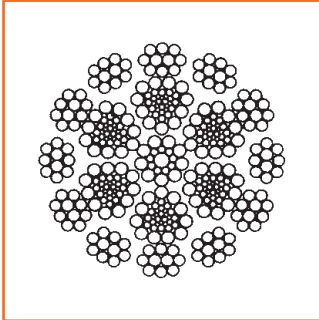


Nominal Rope Diameter (mm)	Estimated Mass (kg/m)	Estimated Breaking Force (kN)		Outer Wire Diameter (mm)
		1800MPa	1900 MPa	
28,0	3,58	593	623	1,76
29,0	3,78	627	658	1,80
30,0	4,11	682	716	1,88
31,0	4,36	723	759	1,92
32,0	4,62	768	806	2,00
33,0	4,90	815	856	2,04
34,0	5,25	875	918	2,12
35,0	5,57	928	975	2,20
36,0	5,82	970	1019	2,24
37,0	6,17	1028	1080	2,32
38,0	6,50	1082	1136	2,36
39,0	6,88	1144	1202	2,44
40,0	7,23	1203	1264	2,50
41,0	7,59	1265	1328	2,55
42,0	7,90	1316	1382	2,60
43,0	8,37	1396	1466	2,70
44,0	8,80	1469	1542	2,75
45,0	9,08	1516	1592	2,80
46,0	9,57	1599	1679	2,90
47,0	10,07	1683	1767	2,95
48,0	10,43	1742	1829	3,00

Note: Galvanised rope not available in 1900 MPa in sizes above 48 mm diameter.

## Ultra High Tensile “Fishback” Non-Spin Stage Ropes

### 15 Strand “Fishback” non-spin 9x10(8/2)/6x14(8/6 $\Delta$ )/WMC

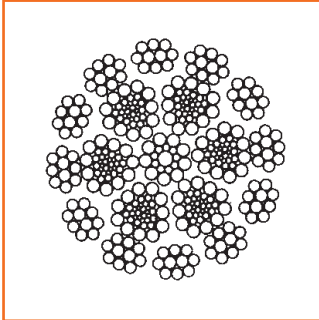


Nominal Rope Diameter (mm)	Estimated Mass (kg/m)	Estimated Breaking Force (kN)				Outer Wire Diameter (mm)
		1960 MPa	2000 MPa	2050 MPa	2100 MPa	
28,0	3,58	641	653	668	683	1,76
29,0	3,78	677	689	705	721	1,80
30,0	4,11	736	750	767	784	1,88
31,0	4,36	781	795	813	831	1,92
32,0	4,62	829	845	864	883	2,00
33,0	4,90	880	897	917	938	2,04
34,0	5,25	945	962	984	1006	2,12
35,0	5,57	1003	1021	1045	1068	2,20
36,0	5,82	1048	1068	1092	1117	2,24
37,0	6,17	1111	1132	1158	1183	2,32
38,0	6,50	1169	1191	1218	1245	2,36
39,0	6,88	1236	1259	1288	1317	2,44
40,0	7,23	1300	1324	1354	1384	2,50
41,0	7,59	1367	1392	1424	1456	2,55
42,0	7,90	1422	1448	1481	1514	2,60
43,0	8,37	1508	1537	1572	1607	2,70
44,0	8,80	1587	1616	1653	1690	2,75
45,0	9,08	1638	1668	1706	1745	2,80
46,0	9,57	1727	1760	1800	1840	2,90
47,0	10,07	1818	1852	1894	1937	2,95
48,0	10,43	1882	1917	1960	—	3,00

Note: Not available in galvanised finish.

## Ultra High Tensile “Fishback” Non-Spin Stage Ropes

### 18 Strand “Fishback” non-spin 12x10(8/2)/6x29(11/12/6 $\Delta$ )/WMC



Nominal Rope Diameter (mm)	Estimated Mass (kg/m)	Estimated Breaking Force (kN)				Outer Wire Diameter (mm)
		1960 MPa	2000 MPa	2050 MPa	2100 MPa	
36,0	5,90	1064	1084	1109	1135	1,76
37,0	6,13	1105	1126	1153	1179	1,80
38,0	6,51	1176	1198	1226	1254	1,84
39,0	6,95	1254	1278	1308	1337	1,92
40,0	7,23	1306	1331	1362	1393	1,96
41,0	7,59	1371	1397	1430	1462	2,00
42,0	7,94	1435	1462	1496	1531	2,04
43,0	8,46	1530	1559	1596	1632	2,12
44,0	8,78	1589	1619	1657	1695	2,16
45,0	9,14	1654	1685	1725	1764	2,20
46,0	9,53	1724	1757	1798	1839	2,24
47,0	10,05	1819	1853	1897	1940	2,32
48,0	10,44	1891	1927	1972	2017	2,36
49,0	10,94	1979	2017	2064	2111	2,40
50,0	11,20	2027	2066	2114	2163	2,44
51,0	11,85	2146	2187	2238	2289	2,50
52,0	12,32	2232	2274	2327	2380	2,55
53,0	12,69	2300	2344	2398	2453	2,60
54,0	13,20	2392	2438	2495	2552	2,65
55,0	13,66	2478	2525	2585	2644	2,70
56,0	14,10	2558	2607	2668	2729	2,75
57,0	14,63	2653	2704	2767	—	2,80
58,0	15,32	2780	2833	2899	—	2,85
59,0	15,81	2871	2926	2994	—	2,90
60,0	16,31	2962	3018	—	—	2,95
61,0	16,92	3073	3132	—	—	3,00
62,0	17,44	3170	3231	—	—	3,05
63,0	18,02	3274	3337	—	—	3,10
64,0	18,56	3375	3439	—	—	3,15

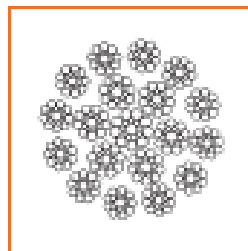
Note: Not available in galvanised finish.

# Shaft Mining Rope Tables

## Round Strand Non-Spin Stage Ropes

18 Strand non-spin

12x19(9/9/1)/6x19(9/9/1)/WMC



Nominal Rope Diameter (mm)	Estimated Mass (kg/m)	Estimated Breaking Force (kN)				Outer Wire Diameter (mm)
		1900 MPa	1960 MPa	2000 MPa	2050 MPa	
30,0	4,02	681	702	716	734	1,44
31,0	4,30	729	751	766	785	1,48
32,0	4,68	793	818	834	854	1,56
33,0	4,87	825	850	867	888	1,60
34,0	5,16	873	900	918	940	1,64
35,0	5,48	930	958	977	1001	1,68
36,0	5,77	978	1008	1028	1053	1,72
37,0	6,12	1038	1070	1091	1118	1,80
38,0	6,44	1093	1127	1149	1177	1,84
39,0	6,80	1154	1189	1213	1242	1,88
40,0	7,13	1212	1249	1273	1304	1,92
41,0	7,47	1270	1309	1335	1367	1,96
42,0	7,95	1352	1394	1421	1456	2,04
43,0	8,27	1408	1451	1479	1515	2,08
44,0	8,68	1477	1522	1553	1590	2,12
45,0	8,95	1525	1571	1602	1641	2,16
46,0	9,40	1602	1651	1684	1725	2,20