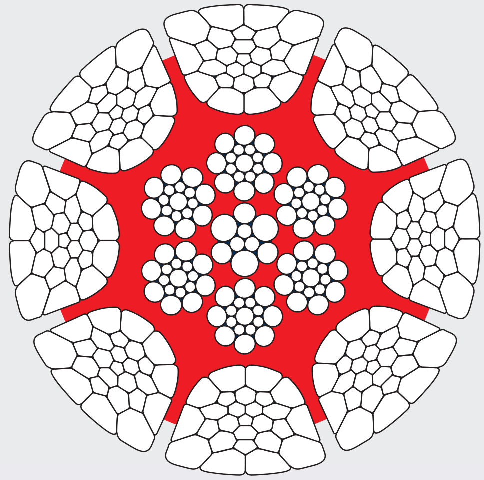
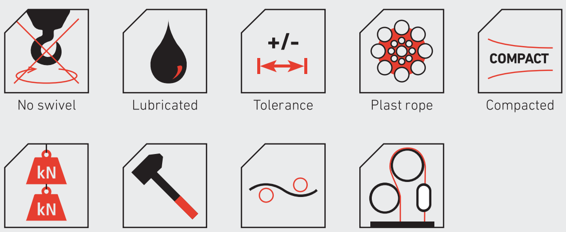
CASAR **TURBOFIT M**



- High performance mining rope
- Swaged 8-strand construction with compacted outer strands
- Fully lubricated
- Plastic layer between steel core and outer strands
- Very High breaking force
- Excellent resistance to drum crushing
- Available in ordinary (regular) lay or langs lay

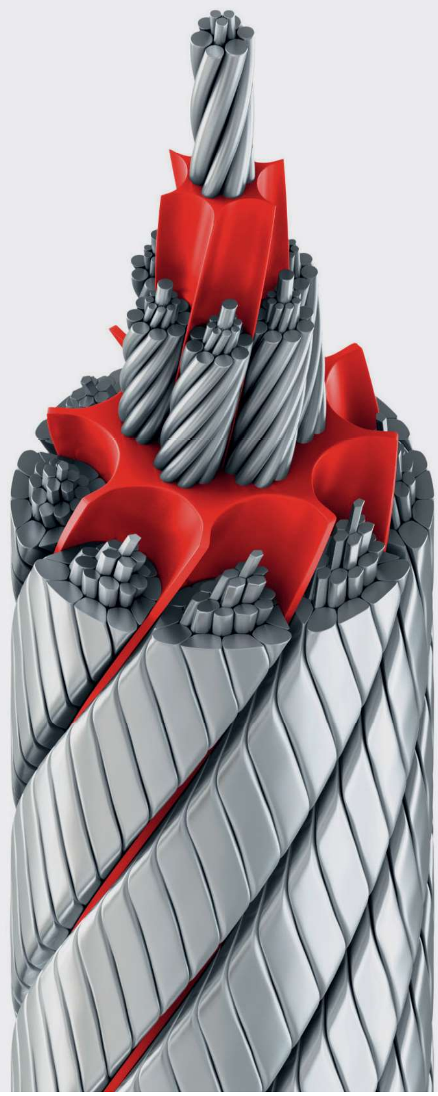
INNOVATIVE DESIGN

PROPERTIES



No swivel | Lubricated | Tolerance | Plast rope | Compacted

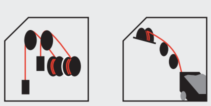
Very High Breaking Force | Swaged | preformed | Ultra Deep



APPLICATIONS

High performance hoist rope particularly developed for heavy duty, multi-layer drum winder applications. Our CASAR Turbofit MD is cold swaged after manufacture which makes it a very durable rope design to provide an increased surface contact area and provides a maximum resistance against abrasion and crushing.

Less recommended for koepe friction winder applications.



Drum Winder | Slope Winder

Nominal Diameter		metallic area		Weight		Aggregate Breaking Force 1770 N/mm²		Aggregate Breaking Force 1960 N/mm²		Minimum Breaking Force 1770 N/mm²		Minimum Breaking Force 1960 N/mm²	
mm	inch	mm²	Sqin	kg/m	lb/ft	kN	lbs	kN	lbs	kN	lbs	kN	lbs
20		222.4	0.3447	1.93	1.30	393.6	88,496	435.9	97,995	338.5	76,098	374.8	84,258
21		245.2	0.3801	2.13	1.43	434.0	97,568	480.6	108,041	373.2	83,899	413.2	92,891
22		269.1	0.4171	2.34	1.57	476.3	107,078	527.4	118,572	409.6	92,082	453.5	101,951
	7/8	274.6	0.4256	2.39	1.61	486.1	109,279	538.3	121,010	418.0	93,975	462.8	104,047
23		294.1	0.4559	2.56	1.72	520.6	117,026	576.4	129,588	447.6	100,624	495.7	111,438
24		320.2	0.4963	2.79	1.87	566.8	127,411	627.6	141,088	487.4	109,572	539.7	121,329
25		347.4	0.5385	3.02	2.03	614.9	138,235	680.9	153,073	528.9	118,901	585.6	131,648
	1	358.6	0.5558	3.12	2.10	634.7	142,693	702.9	158,011	546.0	122,737	604.5	135,895
26		375.8	0.5825	3.27	2.20	665.2	149,535	736.6	165,587	572.0	128,591	633.4	142,394
27		405.3	0.6282	3.53	2.37	717.4	161,274	794.4	178,585	616.9	138,685	683.1	153,567
28		435.8	0.6755	3.79	2.55	771.4	173,410	854.2	192,025	663.4	149,138	734.6	165,145
	1 1/8	453.9	0.7035	3.95	2.65	803.4	180,605	889.6	199,992	690.9	155,326	765.1	171,997
29		467.5	0.7246	4.07	2.73	827.5	186,024	916.3	205,992	711.7	159,996	788.0	177,149
30		500.3	0.7755	4.35	2.92	885.5	199,075	980.6	220,445	761.6	171,214	843.3	189,581
31		534.2	0.8280	4.65	3.12	945.5	212,564	1,047.0	235,382	813.2	182,815	900.5	202,440
	1 1/4	560.4	0.8686	4.88	3.28	991.8	222,974	1,098.3	246,909	853.0	191,767	944.6	212,354
32		569.2	0.8823	4.95	3.33	1,007.5	226,491	1,115.6	250,804	866.5	194,797	959.5	215,704
33		605.4	0.9384	5.27	3.54	1,071.6	240,896	1,186.6	266,755	921.5	207,161	1,020.4	229,395
34		642.6	0.9960	5.59	3.76	1,137.4	255,698	1,259.5	283,146	978.2	219,908	1,083.2	243,513
35	1 3/8	681.0	1.0556	5.92	3.98	1,205.4	270,978	1,334.8	300,066	1,036.6	233,037	1,147.9	258,058
36		720.5	1.1168	6.27	4.21	1,275.3	286,695	1,412.2	317,471	1,096.7	246,548	1,214.4	273,008
37		761.0	1.1796	6.62	4.45	1,347.0	302,811	1,491.6	335,316	1,158.4	260,419	1,282.8	288,385
38		802.7	1.2442	6.98	4.69	1,420.8	319,404	1,573.3	353,690	1,221.9	274,694	1,353.1	304,189
39	1 1/2	845.5	1.3105	7.36	4.94	1,496.5	336,434	1,657.2	372,549	1,287.1	289,352	1,425.2	320,398
40		889.4	1.3786	7.74	5.20	1,574.2	353,903	1,743.2	391,892	1,353.9	304,369	1,499.3	337,056
41	1 5/8	934.5	1.4485	8.13	5.46	1,654.1	371,849	1,831.6	411,764	1,422.5	319,791	1,575.2	354,119
42		980.6	1.5199	8.53	5.73	1,735.7	390,192	1,922.0	432,077	1,492.7	335,572	1,652.9	371,587
43		1,027.9	1.5932	8.94	6.01	1,819.4	409,013	2,014.7	452,919	1,564.6	351,736	1,732.6	389,504
44		1,076.2	1.6681	9.36	6.29	1,904.9	428,233	2,109.4	474,201	1,638.2	368,282	1,814.1	407,826
	1 3/4	1,098.3	1.7024	9.56	6.42	1,944.0	437,037	2,152.7	483,950	1,671.9	375,854	1,851.4	416,210
45		1,125.7	1.7448	9.79	6.58	1,992.5	447,929	2,206.4	496,012	1,713.6	385,233	1,897.5	426,575
46		1,176.3	1.8233	10.23	6.88	2,082.1	468,064	2,305.5	518,308	1,790.6	402,543	1,982.8	445,751
47		1,228.0	1.9034	10.68	7.18	2,173.6	488,636	2,406.9	541,088	1,869.3	420,235	2,069.9	465,332
	1 7/8	1,260.9	1.9544	10.97	7.37	2,231.8	501,718	2,471.3	555,574	1,919.3	431,486	2,125.3	477,790
48		1,280.8	1.9852	11.14	7.49	2,267.0	509,645	2,510.4	564,353	1,949.6	438,287	2,158.9	485,340
49		1,334.7	2.0688	11.61	7.80	2,362.4	531,093	2,616.0	588,103	2,031.7	456,744	2,249.8	505,775
50		1,389.8	2.1542	12.09	8.12	2,459.9	553,018	2,724.0	612,381	2,115.5	475,583	2,342.6	526,637
	2	1,434.6	2.2236	12.48	8.39	2,539.3	570,856	2,811.9	632,134	2,183.7	490,924	2,418.2	543,625
51		1,445.9	2.2411	12.58	8.45	2,559.2	575,341	2,834.0	637,100	2,201.0	494,804	2,437.2	547,904
52		1,503.2	2.3300	13.08	8.79	2,660.7	598,141	2,946.3	662,348	2,288.1	514,385	2,533.7	569,598
53		1,561.5	2.4203	13.59	9.13	2,763.9	621,339	3,060.5	688,037	2,377.0	534,371	2,632.1	591,720
54	2 1/8	1,621.0	2.5126	14.10	9.48	2,869.2	645,015	3,177.2	714,254	2,467.5	554,716	2,732.4	614,268
55		1,681.6	2.6065	14.63	9.83	2,976.4	669,128	3,295.9	740,956	2,559.7	575,443	2,834.5	637,221
56		1,743.3	2.7021	15.17	10.19	3,085.6	693,680	3,416.9	768,142	2,653.7	596,575	2,938.5	660,601
57	2 1/4	1,806.1	2.7995	15.71	10.56	3,196.8	718,668	3,540.0	795,814	2,749.3	618,067	3,044.4	684,408
58		1,870.1	2.8987	16.27	10.93	3,310.1	744,135	3,665.4	824,014	2,846.6	639,941	3,152.2	708,643
59		1,935.1	2.9994	16.84	11.31	3,425.1	769,999	3,792.8	852,654	2,945.6	662,197	3,261.8	733,282
60		2,001.3	3.1020	17.41	11.70	3,542.3	796,341	3,922.5	881,824	3,046.3	684,835	3,373.3	758,348

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