

PRODUCT INFORMATION

STEEL ROPE**dynasteel heavy**

Giants... among the steel ropes are demanded when mammoth loads need to be lifted, moved or anchored.

dynasteel heavy

Parallel lay round strand rope with steel core

Nominal Rope Diameter		Rope construction	Tensile grade	Rope Weight	Minimum Breaking Force	
mm	"inch				kN	tf
51	2	6x36 IWRC	2160	10,5	1960	200
57	2¼	6x36 IWRC	2160	13,3	2470	252
64	2½	6x36 IWRC	1960	16,6	2800	286
68	2¾	6x47 IWRC	1960	19,0	3100	316
76	3	6x47 IWRC	1960	23,8	3800	388
84	3¼	8x47 IWRC	1960	28,8	4910	500
92	3½	8x47 IWRC	1960	35,2	5900	600
102	4	8x52 IWRC	1960	45,8	7850	800

The unit "ton" (WLL) signifies one metric ton = 1000 kg.



CAUTION!

Breaking force is not working load limit or tensile force! Safety factors (design factor) differ depending on application, mode of usage and safety regulations. These govern the relationship between permissible load (carrying capacity, tensile force, safe working load) of a rope and its required breaking force. You are advised to study the table 'Design factors for selected applications' in the chapter 'Steel ropes in service'. The design factor is determined by influences such as number of rope legs under load, load lift angle, rope deflection angles, load distribution using multileg slings, rope bending, dynamic forces and risk of rope wire abrasion. If in doubt consult your supplier or competent person.