



BREAKING LOADS

Nominal Diameter	Approximate Mass	Minimum Breaking Loads			
		1770 Mpa		1960 Mpa	
[mm]	[kg/m]	[kN]	[Kg]	[kN]	[Kg]
10	0.400	63.01	6,427	69.78	7,117
11	0.484	76.24	7,776	84.43	8,611
12	0.576	90.74	9,255	100.48	10,248
13	0.676	106.49	10,862	117.92	12,027
14	0.784	123.50	12,597	136.76	13,949
16	1.024	161.31	16,453	178.63	18,219
18	1.296	204.16	20,824	226.07	23,059
20	1.600	252.05	25,708	279.10	28,468
22	1.936	304.98	31,107	337.72	34,447
24	2.304	362.95	37,020	401.91	40,994
26	2.704	425.96	43,448	471.69	48,111
28	3.136	494.01	50,389	547.04	55,798
30	3.600	567.11	57,845	627.98	64,054
32	4.096	645.24	65,814	714.51	72,879
34	4.624	728.42	74,298	806.61	82,274
36	5.184	816.64	83,296	904.30	92,238
38	5.776	909.89	92,809	1007.57	102,771
40	6.400	1008.19	102,835	1116.42	113,874
42	7.056	1111.53	113,376	1230.85	125,546