

Full Stainless

Self-Tailing Winches



Full Stainless – Beyond Good Looks

We have developed an entirely stainless winch. This is a prerequisite for the yachtsman who places honor in making his yachtlook its best. ANDERSEN Full Stainless[®] is beauty at work, enhancing the unique image of your boat and the sheer pleasure of beholding it. A synthetic cap and base are replaced with stainless steel parts, transforming the winch into an aesthetic statement.

Enigma 34 one design

Uncompromising quality is our mission, and quality is a key word throughout our organization and in all our products, services and innovations. Quality can be defined technically — but it can also be defined by the values and preferences of our customers. To us, quality is the sum total of design excellence, technical specifications and a lifetime of experience, topped with extensive quality control in manufacturing.



Standard Self-Tailing Winches

Winch Model	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Gear Ratio 1 st speed	Gear Ratio 2 nd speed	Power Ratio 1 st speed	Power Ratio 2 nd speed	Art No. Standard
12 ST	70	115	130	44	8-14	2.5	1.3:1	n/a	9.5:1	n/a	2012000000
18 ST	70	120	136	50	8-14	3.3	2.6:1	n/a	18.8:1	n/a	2018000000
28 ST	70	125	151	65	8-14	4.0	1.3:1	3.7:1	9.5:1	26.5:1	2028000000
40 ST	75	152	174	71	8-14	4.9	1.3:1	6.0:1	8.5:1	39.5:1	2040000000
46 ST	89	180	209	90	8-14	7.6	2.8:1	8.4:1	15.5:1	46.6:1	2046000000
52 ST	100	200	228	106	8-16	10.3	3.2:1	10.5:1	16.2:1	52.0:1	2052000000
58 ST	115	230	257	111	8-18	14.6	3.7:1	13.1:1	16.1:1	57.7:1	2058000000
62 ST	115	230	257	111	8-18	14.6	3.7:1	14.4:1	16.1:1	62.6:1	2062000000
68 ST	140	280	280	120	10-18	22.5	5.8:1	18.8:1	20.7:1	67.1:1	2068000000
72 ST	140	280	280	120	10-18	22.5	5.8:1	20.3:1	20.7:1	72.6:1	2072000000

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12 ST FS	70	115	130	44	8-14	2.6	1.3:1	n/a	9.5:1	n/a	2012010000
18 ST FS	70	120	136	50	8-14	3.3	2.6:1	n/a	18.8:1	n/a	2018010000
28 ST FS	70	125	151	65	8-14	4.1	1.3:1	3.7:1	9.5:1	26.5:1	2028010000
40 ST FS	75	152	174	71	8-14	5	1.3:1	6.0:1	8.5:1	39.5:1	2040010000
46 ST FS	89	180	209	90	8-14	7.8	2.8:1	8.4:1	15.5:1	46.6:1	2046010000
52 ST FS	100	200	228	106	8-16	11.1	3.2:1	10.5:1	16.2:1	52.0:1	2052010000
58 ST FS	115	230	257	111	8-18	15.8	3.7:1	13.1:1	16.1:1	57.7:1	2058010000
62 ST FS	115	230	257	111	8-18	15.8	3.7:1	14.4:1	16.1:1	62.6:1	2062010000
68 ST FS	140	280	280	120	10-18	24.6	5.8:1	18.8:1	20.7:1	67.1:1	2068010000
72 ST FS	140	280	280	120	10-18	24.6	5.8:1	20.3:1	20.7:1	72.6:1	2072010000
78 ST FS	170	320	375	170	16-22	40.7	7.0:1	26.7:1	20.0:1	78.0:1	2078010000
110 ST FS	250	395	426	170	16-25	70.4	10.2:1	56.1:1	19.0:1	106.0:1	2110010000

Power Ratio

Power Ratio is the mechanical advantage of the winch and is calculated as follows: $\frac{\text{length of handle} \times \text{gear ratio}}{\text{radius of drum}}$

The pull of the winch is based on the Power Ratio and not just on the physical size of the winch or the diameter of the drum. The Power Ratio is used to determine the load the winch may handle as follows: $\text{pull of handle (kg)} \times \text{Power Ratio} = \text{pull of winch (kg)}$.

This means that by applying a load of 10 kg, using a 10" standard handle, on a Power Ratio 40:1 winch, the winch can pull 400 kg, assuming that the winch is 100% efficient. This is not possible in practice as the efficiency is reduced by internal mechanical friction losses.

