

AF 'Defender' Anodes Al-Zn-In

Aluminium Anodes - Sub-sea Structure, Harbour walls & Jetties - A3

Examples of Central Core extension or 'cow horn' design

Anode Code A - Aluminium base CR- Continuous rod CT- Continuous Tube	Anode Length (mm)	Anode Width (mm)	Anode Depth (mm)	Core Dia- meter (mm)	Anode Weight (kg) Net/Gross *
AFA 200 - CR	446	133	127	20	20/22.5
AFA 210- CR	1500	75	75	20	21/25
AFA 350- CR	1210	105	105	20	35/38.9
AFA 355- CR	815	133	127	20	35.5/38.9
AFA600- CR	2100	105	105	25	60/70
AFA 680- CR	1515	133	127	20	68/72.5
AFA 700- CR	2000	115	115	25	70/80
AFA 800- CR	2300	115	115	25	80/90
AFA1000- CR	2400	125	125	25	100/110
AFA 1260- CR	2600	135	135	25	126/138
AFA 1280- CR	2750	135	135	40	128/158
AFA 1500- CR	2750	145	145	40	150/180
AFA1600- CR	2373	160	162	40	160/185
AFA1750- CT	2750	160	162	60	175/195
AFA 1840- CR	2750	160	160	40	184/214
AFA2300- CT	2750	184	184	60	230/250
AFA 2400- CT	2622	210	210	114	240/305



All weights and dimensions are nominal and cast product will vary by $\sim \pm 3\%$
Most anodes above and other anodes available in flush or alternative insert designs

Custom design your weight

The above anodes are cast in dies which have a fixed cross-section but have sliding ends. The examples are often shown as the maximum length of the die and max. weight for that section. We can adjust the weights of all by sliding the die ends to match your 'custom' weight requirement.

Default Material Specification:

AF Defender G3 AF Al-Zn-In-Si anode alloy

Fe	Si	Cu	Zn	In	Others	Al
0.12 max.	0.08-0.21	0.006 max.	2.8 – 6.5	0.01 – 0.02	0.02 max	remainder

Potential -1.09^* Volts Ag/AgCl Capacity (Amp Hrs) 2540* per Kg min Density 2750Kg/m³

* AFDefender G3 alloy performance Data for long term test by DNV Certificate No S-5615 to DNV RP B401 Appendix B

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