


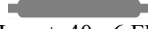

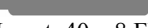











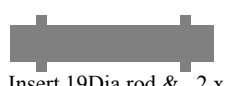

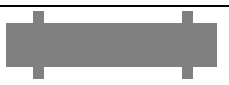
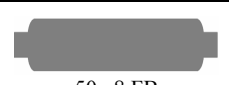



### AF 'Defender' Aluminium Rig Anodes – Mid to Heavy Size

Anode Code	Design (Plan view icon)	Anode Length (mm)	Anode Width (mm)	Anode Depth (mm)	Overall Length (mm)	Stand off	Anode Weight (kg) Net/Gross
AFA 70 S	 Insert 50x 8 FB	720	75	50	822	Flush	7.0/8.8
AFA 76	 Insert 40x 6 FB	610	102	50	825	Flush	7.6/9.1
AFA 93	 Insert 40x 6 FB	610	140	43	825	Flush	9.3/11
AFA 124	 Insert 40x 6 FB	605	138	65	825	Flush	12.4/14
AFA 140	 Insert 50x 8 FB	800	140	63	980	Flush	14.0/16
AFA 185	 Insert 40 x 8 FB	813	102	38	911	Flush	7.4/9.0
AFA 200FT	 40 x 6 F/B	838	133	76	838	Flush , Trans- verse feet	20.0/22.7
AFA 285	 40 x 6 F/B	813	102	64	914	Flush	11.3/12.8
AFA 320 FC	 Insert 50x 8 FB	1220	152	65	1420	Flush	32/36
AFA 352 FC	 Insert 50x 8 FB	1219	175	65	1500	Crank 40mm	35.2/40
AFA 353F	 Insert 50x 8 FB	813	133	127	1013	Flush	35.5/38.8
AFA 345 FC	 Insert 50x 8 FB	1220	102	102	1500	Crank 50mm	34.5/39
AFA 460	 Insert 50x 8 FB	1220	136	105	1474	Flush	46/52

**Call us on 01224 635435 for all your anode requirements. Fax: 01224 624377**  
**Website: [www.aberdeenfoundries.co.uk](http://www.aberdeenfoundries.co.uk)**

*Aluminium Offshore Anodes • Zinc & Al Marine Hull Anodes • Tank Anodes • Pipeline Anodes  
 • Steel & Wrought Iron welded Fabrications • Ballast Weights • Gates & railings • Castings*

AFA 464 T	 Inserts 2 x 50 x 6 F/B	610	280	130	610	75 S.O. Trans-verse feet	46.4/51.4
AFA 636 F	 Insert 50x 8 FB	1745	165	86	2000	Flush	63.6/69
AFA 636 B-FT	 Insert 19Dia rod & 2 x 50x 8 FB	1828	203	75	1850	Flush, Trans-verse feet	63.6/70
AFA 636 FC	 Insert 50x 8 FB	925	160	162	1235	Crank 40mm	63.6/68
AFA 680 FT	 Insert 19Dia rod & 2 x 50x 8 FB	1525	133	127	1725	Flush, Trans-verse feet	68.0/72.4
AFA 1160 F	 50x 8 FB	1200	280	130	1500	Flush	116/130
AFA 1190F	 Insert 25Dia rod & 2 x 50x 8 FB	1570	184	159	1830	Flush, Trans-verse feet	119/126
AFA 1750 F	 50x 8 FB	1820	280	130	2120	Flush	175/190
AFA 2400 F	 Insert 25Dia rod & 2 x 50x 8 FB	2622	210	210	2922	Flush	240/257

All weights and dimensions are nominal. Steel F/B inserts weldable EN10025 S275 Steel, Shot-blasted to Sa 2.5. All can be drilled for bolted attachment

Above are only selected examples from a larger range of sizes. Lengths of given cross sections can be shortened or extended. Offshore Anodes and other anodes available in flush or stand-off designs. Sizes also available in Military Zinc Anode Alloy.

**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/m<sup>3</sup>

\* AFDefender G3 alloy performance Data for long term test by DNV Certificate No S-4190 to DNV RP B401 Appendix B

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