Zinc it
MARITIME SPARES

SACRIFICIAL ANODES

ZINC | ALUMINIUM | MAGNESIUM

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ZINC-IT ANODES

The anodes protect the metallic surfaces against the corrosion imposed by the water. In the order to to ensure the continuous protection of the ships, reservoirs and underwater structures, a peridiocal substitution of the anodes is required.

Zinc-it anodes are produced in zinc, aluminium and magnesium alloys according to rigorous quality control and always accompanied by a quality certificate. Our metallurgical laboratory and ISO 9001 certification ensure that the produced anodes meet international standards of the clients´requiriments.

Our standard anodes range

We produce anodes for all kinds of vessels, ships and underwater structures.

ANODES

Zinc-it is a Portuguese brand of Zinc and Aluminium anodes for cathodic protection. Producing anodes since 2000, we are an experienced and dynamic team, providing tailor-made solutions in response to our clients' needs.

WE TAKE QUALITY VERY SERIOUSLY

Our modern lab and our daily quality control asssure the top quality of all our products. As an ISO 9001-2015 certified company, this is the only way we can live up to the high quality standards demanded by the market. We also supply a quality certificate after thorough analysis on our spectrometer - SpectroMax F.

QUALITY AND FLEXIBILITY

Zinc-it is made for you. Here you will find suitable products for different boats and underwater and offshore wind power structures.

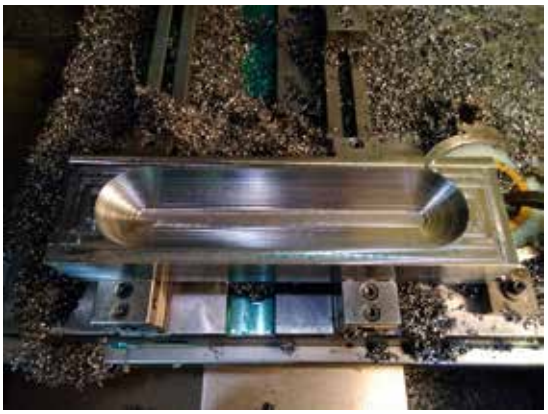
We provide quality products and detail-oriented solutions in a timely manner for our customers. Try it out.

Standard anodes and tailor-made

We produce both catalogue anodes and tailor-made anodes to meet our clients' needs.

Anode’s shape

Anode’s shape as shown in the Catalogue or Tailor-made moulds.



Straps

Regular (10x20, 12x20, 14x20, 17x20 and 20x30) or Customized Straps.

Protection

We can also paint the anodes or provide rubber flaps.

Insulation Rubber

Rear Paint

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ZINC

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ZINC

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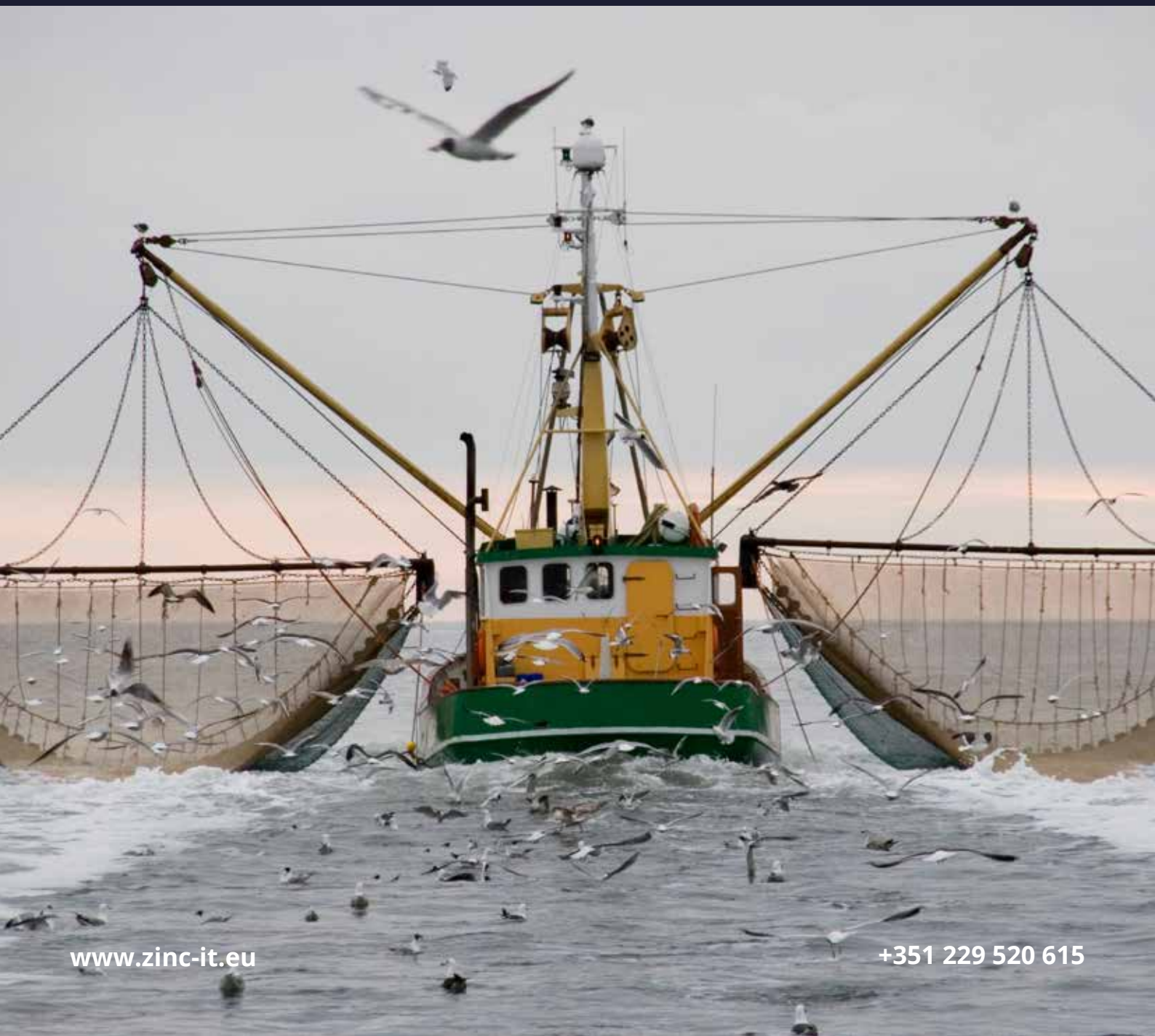
ZINC AND ALUMINIUM

Zinc it
MARITIME SPARES

FISHING BOATS

SACRIFICIAL ANODES



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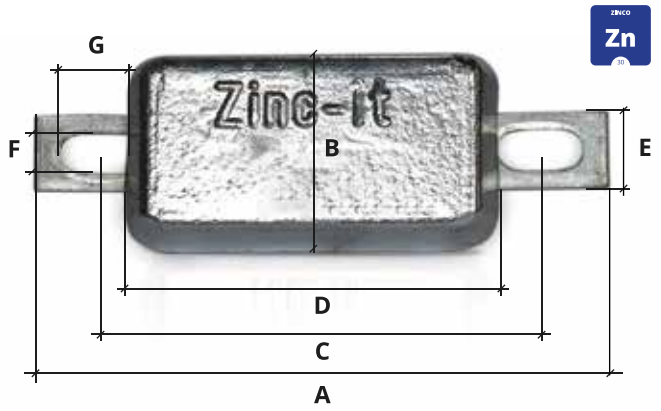
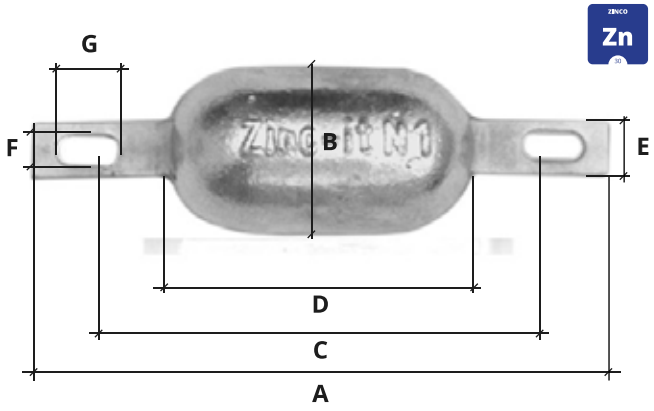
HULL ANODES | N0.6



A	B	C	D	E	F	G
150mm	53mm	115mm	96mm	20mm	10mm	20mm

Weight N0.6 - 0,6 Kg

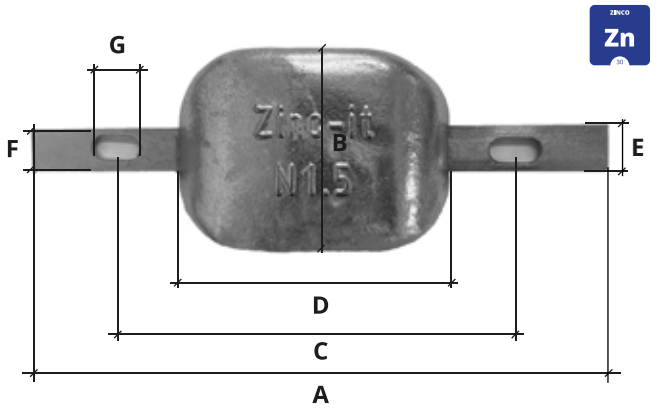
HULL ANODES | N1



A	B	C	D	E	F	G
205mm	60mm	165mm	105mm	20mm	10mm	20mm

Weight N1 - 1 Kg

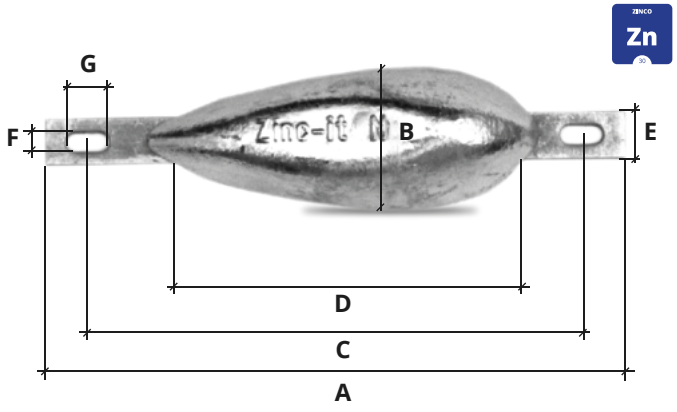
HULL ANODES | N1.5



A	B	C	D	E	F	G
250mm	82mm	170mm	110mm	20mm	10mm	20mm

Weight N1.5 - 1,5 Kg

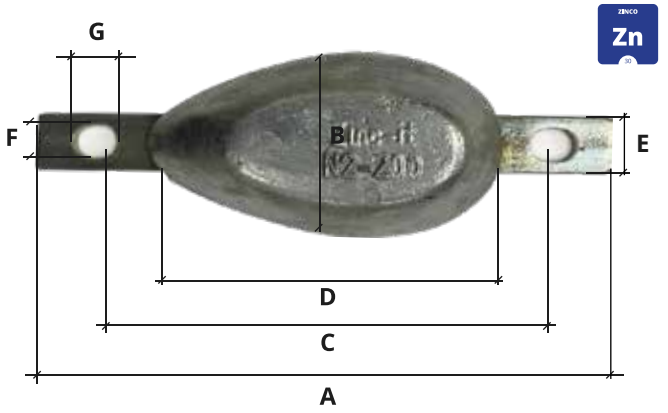
HULL ANODES | N2



A	B	C	D	E	F	G
300mm	76mm	250mm	160mm	25mm	10mm	20mm

Weight N2 - 2 Kg

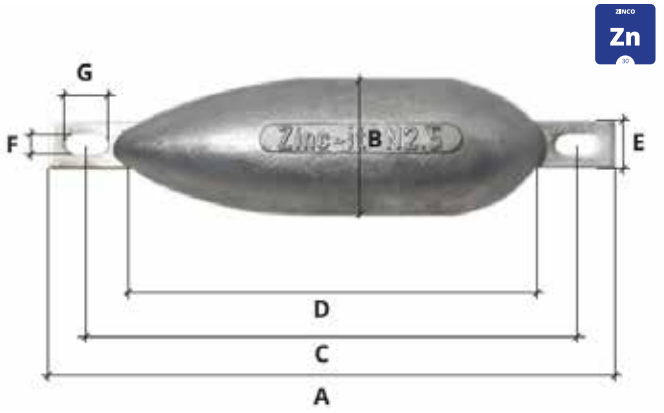
HULL ANODES | N2-200



A	B	C	D	E	F	G
300mm	76mm	200mm	160mm	25mm	14mm	20mm

Weight N2-200 - 2 Kg

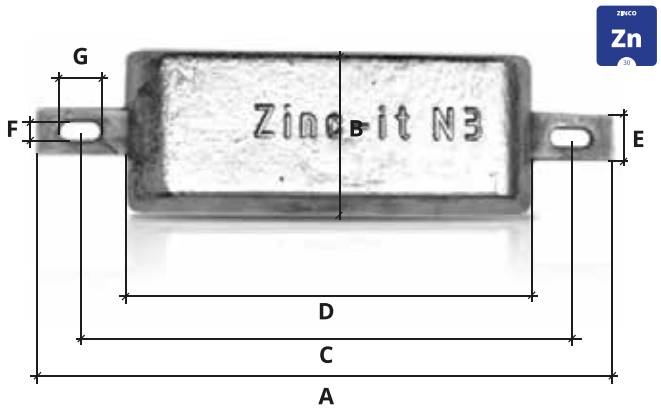
HULL ANODES | N2.5



A	B	C	D	E	F	G
300mm	75mm	250mm	180mm	25mm	10mm	20mm

Weight N2.5 - 2,5 Kg

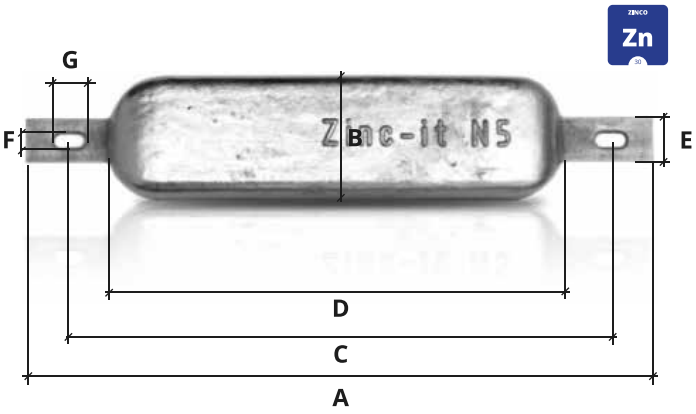
HULL ANODES | N3



A	B	C	D	E	F	G
300mm	85mm	250mm	210mm	25mm	10mm	20mm

Weight N3 - 3,2 Kg

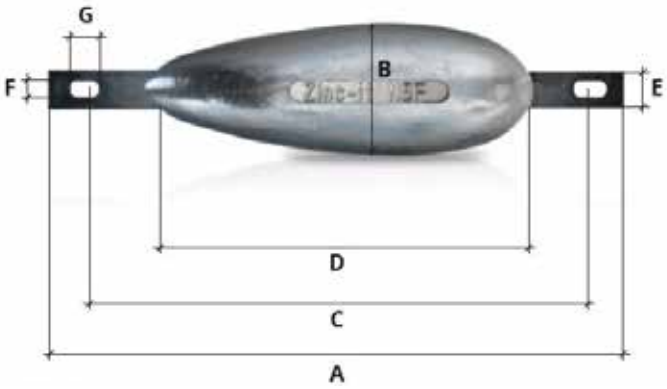
HULL ANODES | N5



A	B	C	D	E	F	G
410mm	80mm	350mm	290mm	30mm	10mm	20mm

Weight N5 - 5 Kg

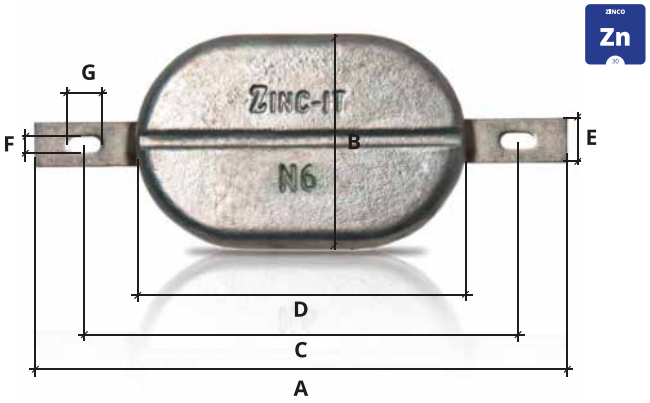
HULL ANODES | N5F



A	B	C	D	E	F	G
410mm	100mm	350mm	260mm	30mm	10mm	20

Weight N5F - 5 Kg

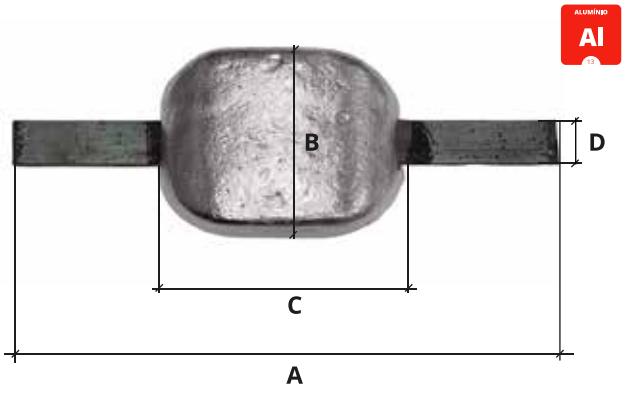
HULL ANODES | N6



A	B	C	D	E	F	G
360mm	145mm	290mm	220mm	30 mm	10mm	20mm

Weight N6 - 6 Kg

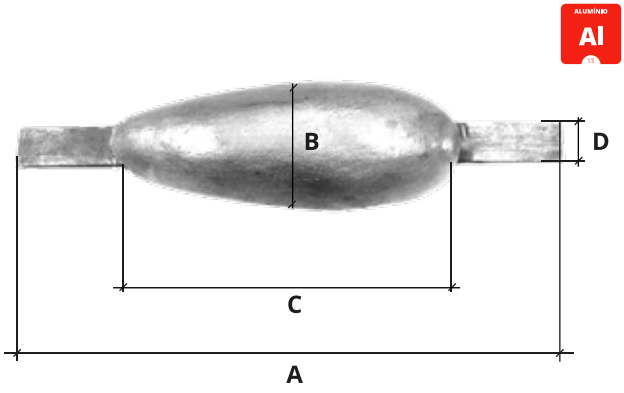
HULL ANODES | NAL 0.7



A	B	C	D
250mm	82mm	110mm	20mm

Weight NAL 0.7 - 0,7 Kg

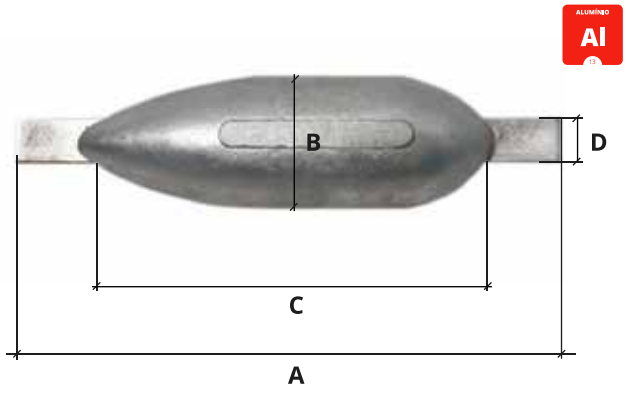
HULL ANODES | NAL 0.8



A	B	C	D
300mm	76mm	160mm	25mm

Weight NAL 0.8 - 0,8 Kg

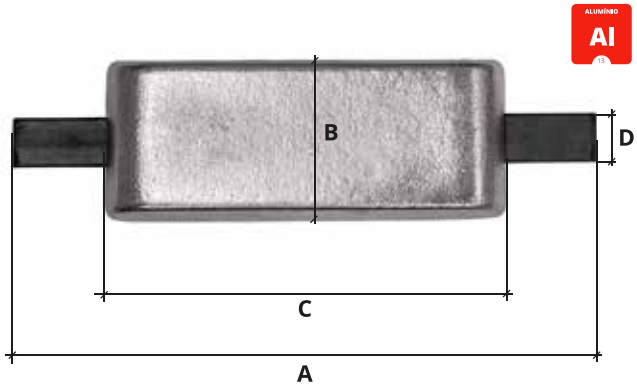
HULL ANODES | NAL 1.2



A	B	C	D
300mm	75mm	180mm	25mm

Weight NAL 1.2 - 1,2 Kg

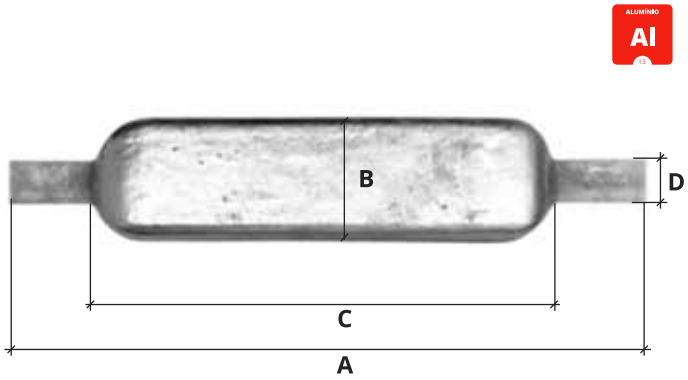
HULL ANODES | NAL 1.4



A	B	C	D
300mm	85mm	210mm	25mm

Weight NAL 1.4 - 1,4 Kg

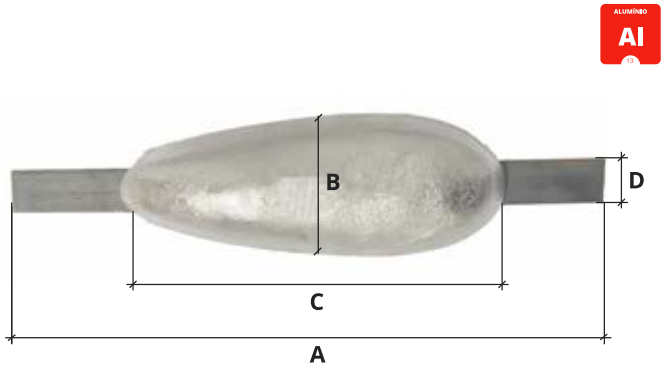
HULL ANODES | NAL 2.2



A	B	C	D
410mm	80mm	290mm	30mm

Weight NAL 2.2 - 2,2 Kg

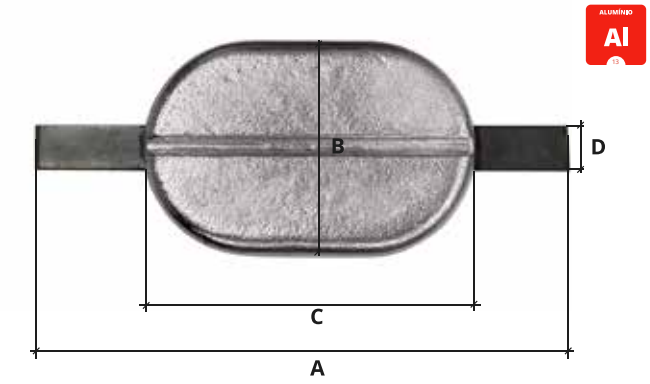
HULL ANODES | NAL 2.2F



A	B	C	D
410mm	100mm	260mm	30mm

Weight NAL 2.2F - 2,2 Kg

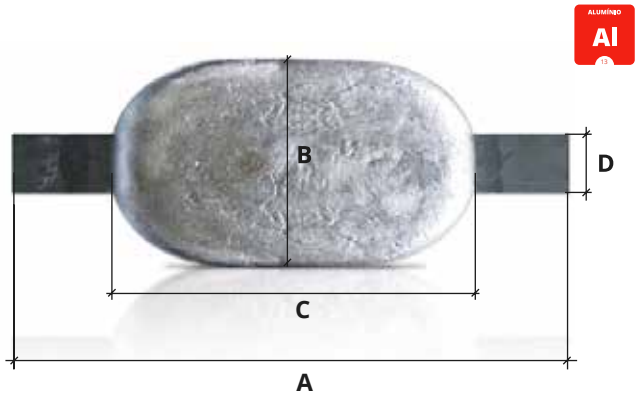
HULL ANODES | NAL 2.6



A	B	C	D
360mm	145mm	220mm	30mm

Weight NAL 2.6 - 2,6 Kg

HULL ANODES | NAL 3.2



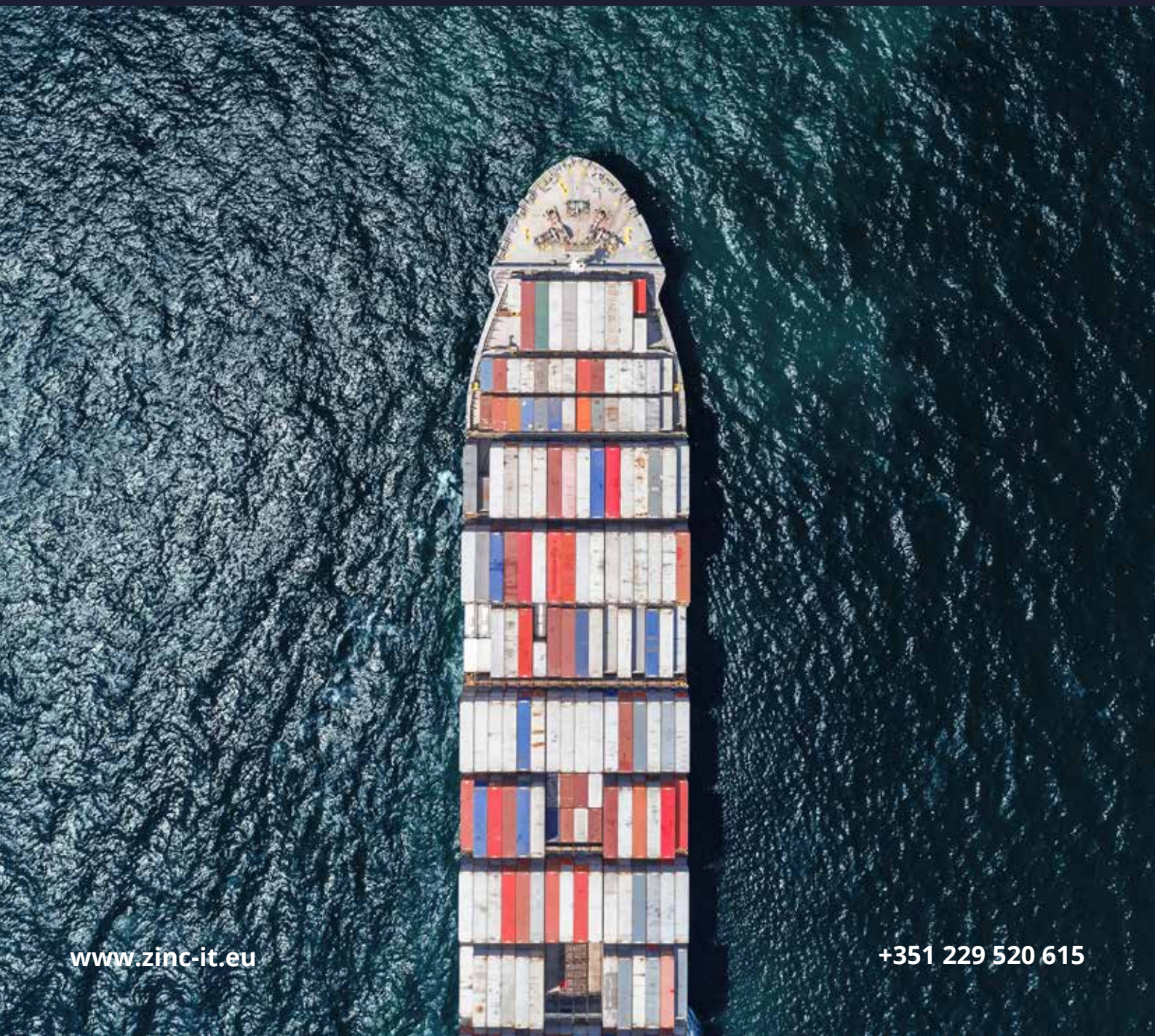
A	B	C	D
370mm	150mm	255mm	30mm

Weight NAL 3.2 - 3,2 Kg

Zinc it
MARITIME SPARES

MARITIME VESSELS

SACRIFICIAL ANODES



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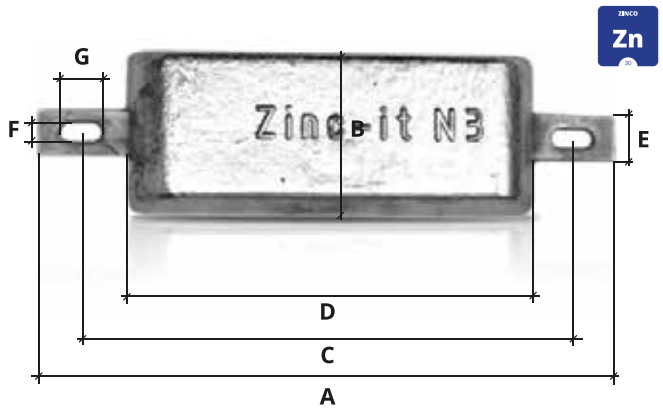
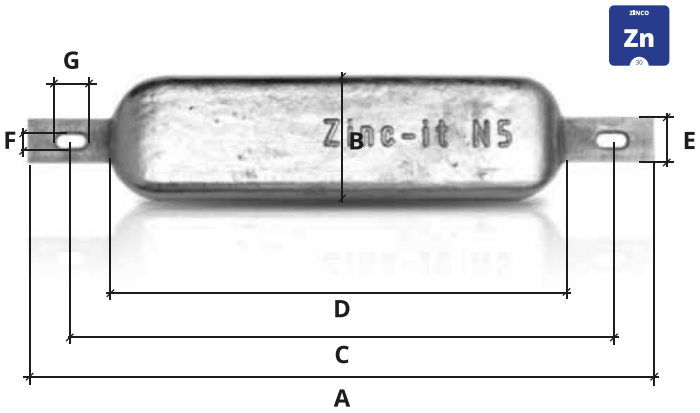
HULL ANODES | N3



A	B	C	D	E	F	G
300mm	85mm	250mm	210mm	25mm	10mm	20mm

Weight N3 - 3,2 Kg

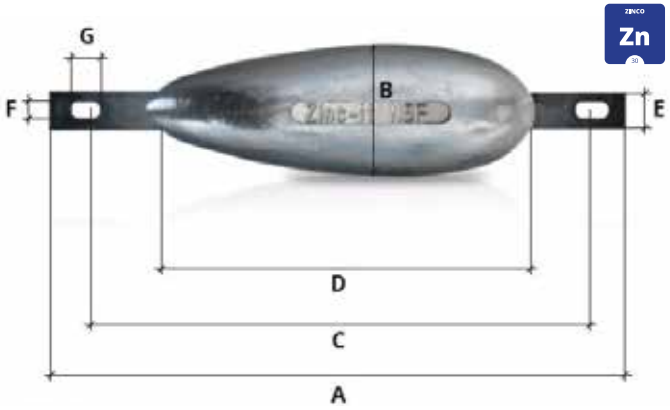
HULL ANODES | N5



A	B	C	D	E	F	G
410mm	80mm	350mm	290mm	30mm	10mm	20mm

Weight N5 - 5 Kg

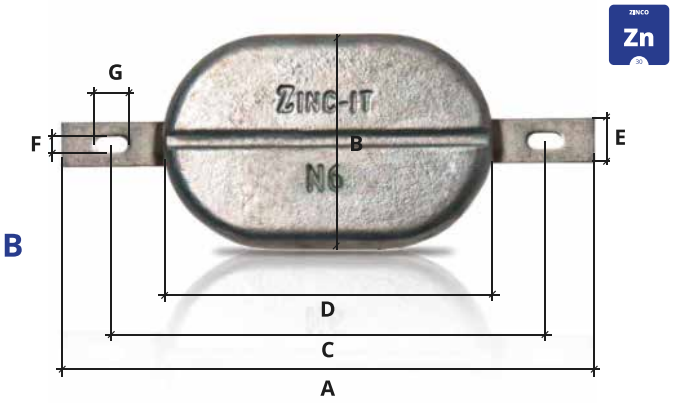
HULL ANODES | N5F



A	B	C	D	E	F	G
410mm	100mm	350mm	260mm	30mm	10mm	20mm

Weight N5F - 5 Kg

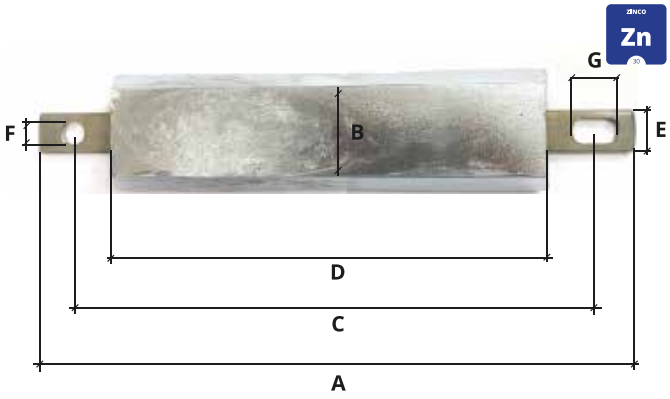
HULL ANODES | N6



A	B	C	D	E	F	G
360mm	145mm	290mm	220mm	30 mm	10mm	20mm

Weight N6 - 6 Kg

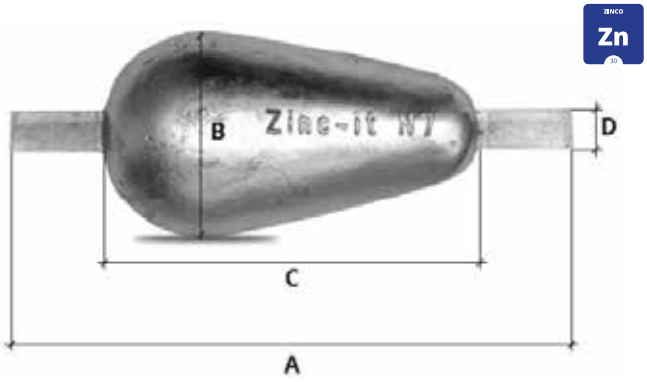
HULL ANODES | N6.6



A	B	C	D	E	F	G
440mm	90mm	385mm	320mm	30mm	18mm	33mm

Weight N6.6 - 6,6 Kg

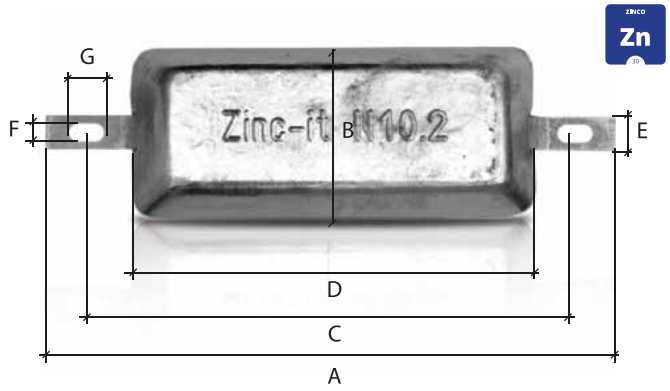
HULL ANODES | N7



A	B	C	D
410mm	150mm	270mm	30mm

Weight N7 - 7 Kg

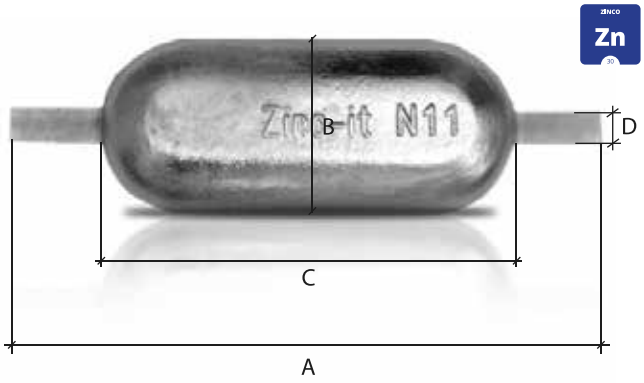
HULL ANODES | N10.2



A	B	C	D	E	F	G
500mm	150mm	400mm	340mm	30mm	14mm	20mm

Weight N10.2 - 10,2 Kg

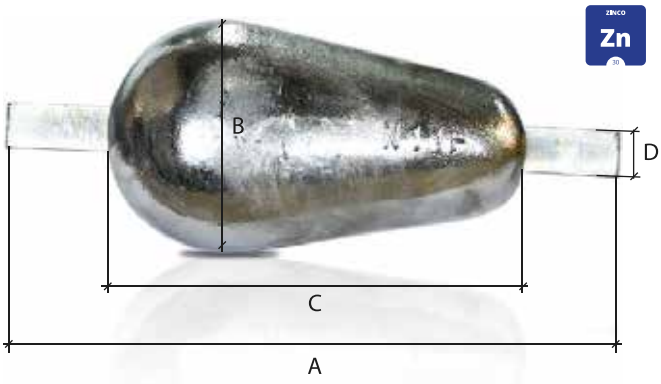
HULL ANODES | N11



A	B	C	D
500mm	150mm	345mm	30mm

Weight N11 - 11 Kg

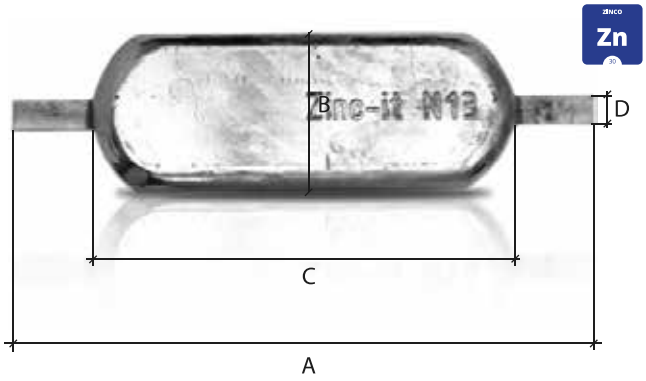
HULL ANODES | N11F



A	B	C	D
410mm	150mm	280mm	30mm

Weight N11F - 11 Kg

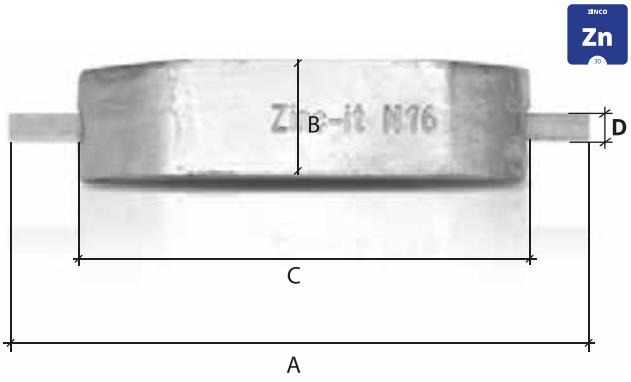
HULL ANODES | N13



A	B	C	D
560mm	150mm	400mm	30mm

Weight N13 - 13 Kg

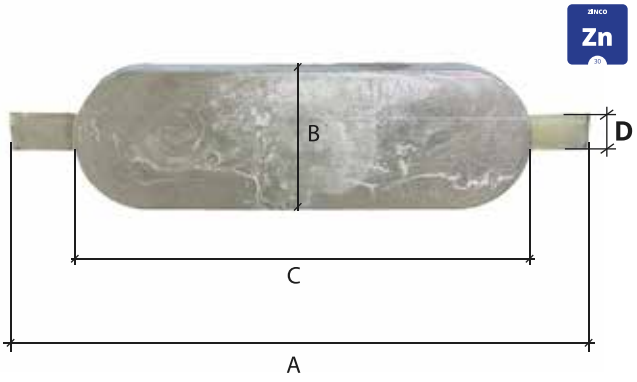
HULL ANODES | N16



A	B	C	D
595mm	115mm	455mm	30mm

Weight N16 - 16 Kg

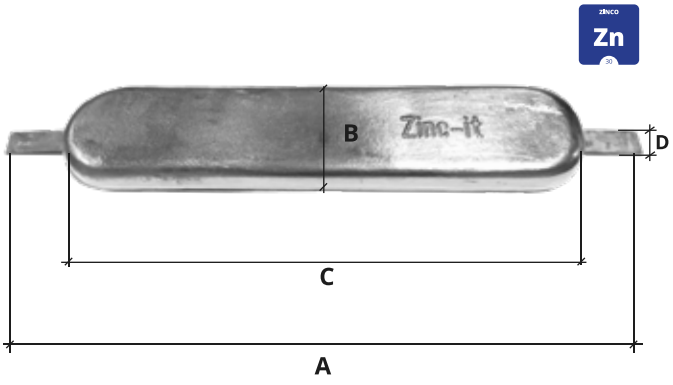
HULL ANODES | N20



A	B	C	D
620mm	150mm	478mm	40mm

Weight N20 - 20 Kg

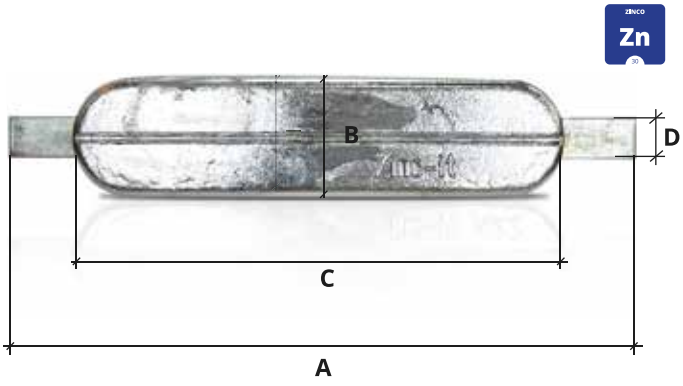
HULL ANODES | N21



A	B	C	D
760mm	120mm	595mm	30mm

Weight N21 - 21 Kg

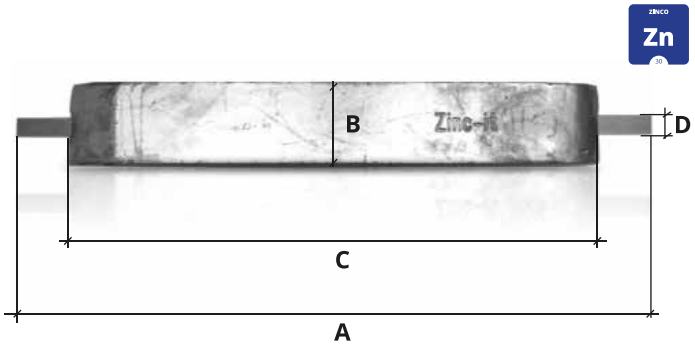
HULL ANODES | N22



A	B	C	D
700mm	135mm	540mm	45mm

Weight N22 - 22 Kg

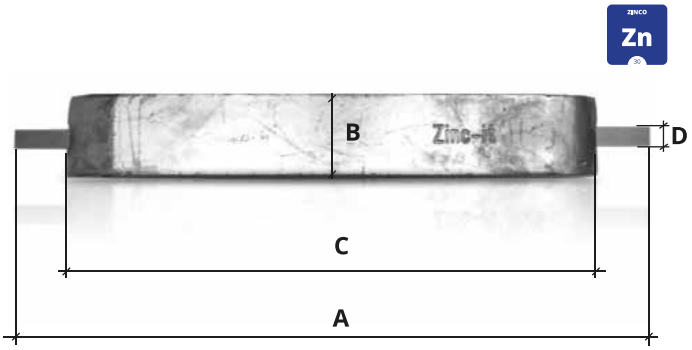
HULL ANODES | N26



A	B	C	D
960mm	120mm	780mm	40mm

Weight N26 - 26 Kg

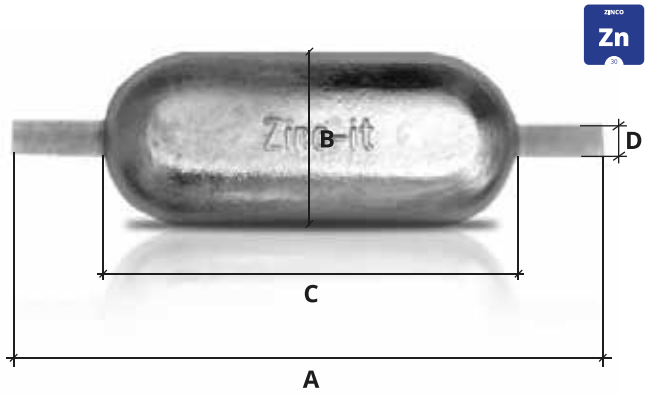
HULL ANODES | N33



A	B	C	D
960mm	120mm	780mm	40mm

Weight N33 - 33 Kg

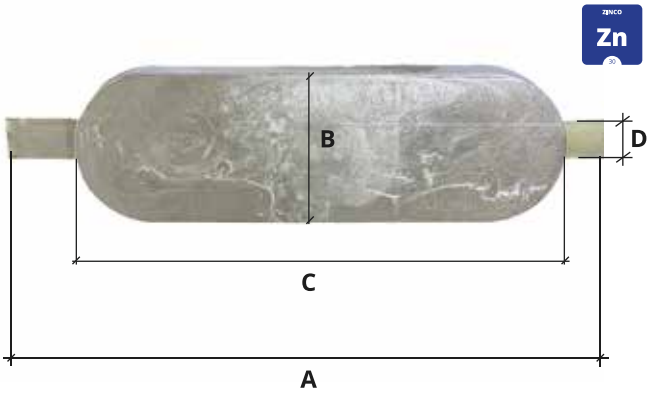
HULL ANODES | N40



A	B	C	D
770mm	165mm	570mm	40mm

Weight N40 - 40 Kg

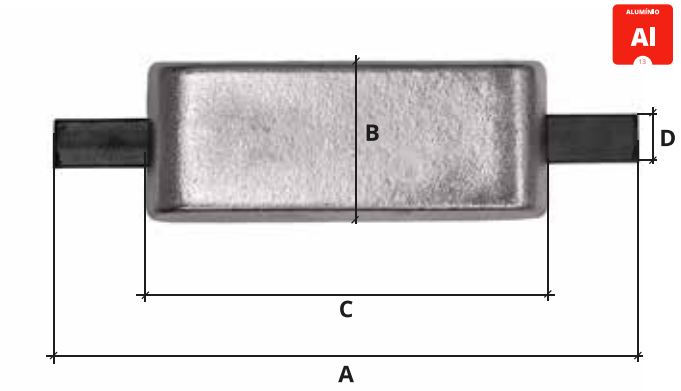
HULL ANODES | N60



A	B	C	D
880mm	180mm	700mm	50mm

Weight N60 - 60 Kg

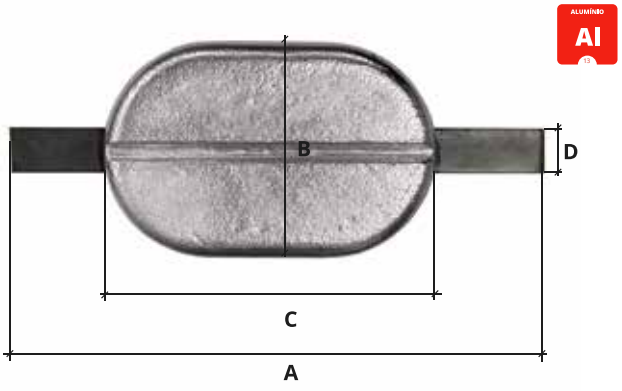
HULL ANODES | NAL 1.4



A	B	C	D
300mm	85mm	210mm	25mm

Weight NAL 1.4 - 1,4 Kg

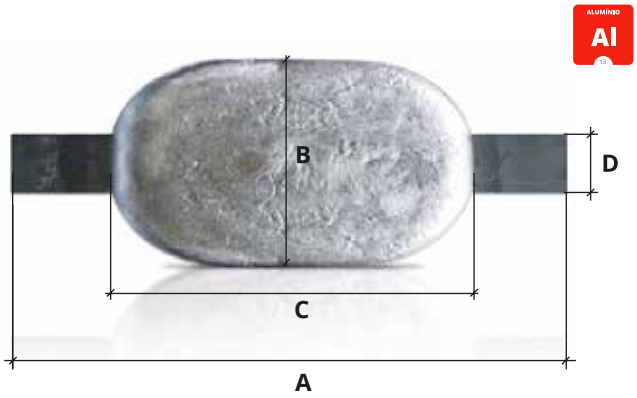
HULL ANODES | NAL 2.6



A	B	C	D
360mm	145mm	220mm	30 mm

Weight NAL 2.6 - 2,6 Kg

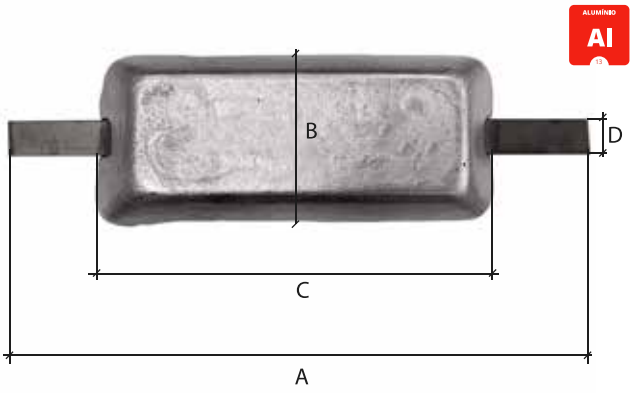
HULL ANODES | NAL 3.2



A	B	C	D
370mm	150mm	255mm	30mm

Weight NAL 3.2 - 3,2 Kg

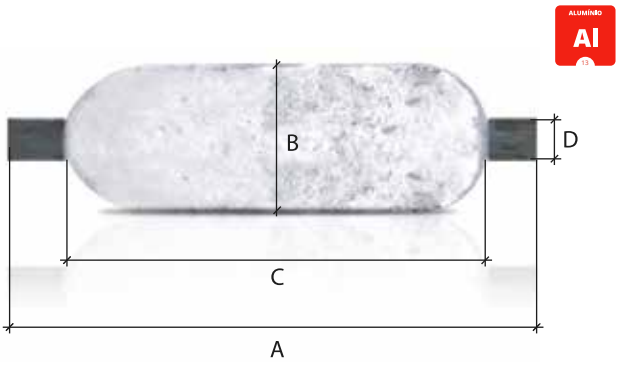
HULL ANODES | NAL 4.2



A	B	C	D
500mm	150mm	340mm	30mm

Weight NAL 4.2 - 4,2 Kg

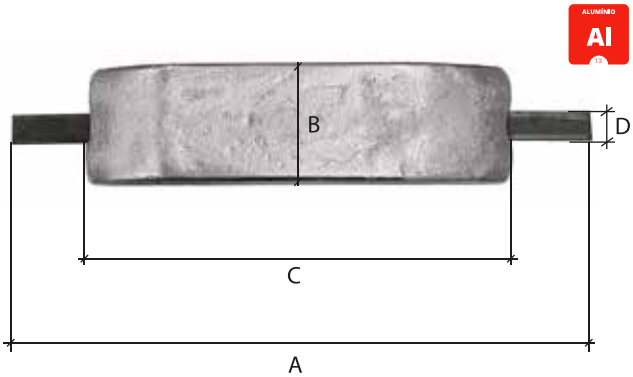
HULL ANODES | NAL 5



A	B	C	D
500mm	150mm	400mm	30mm

Weight NAL 5 - 5 Kg

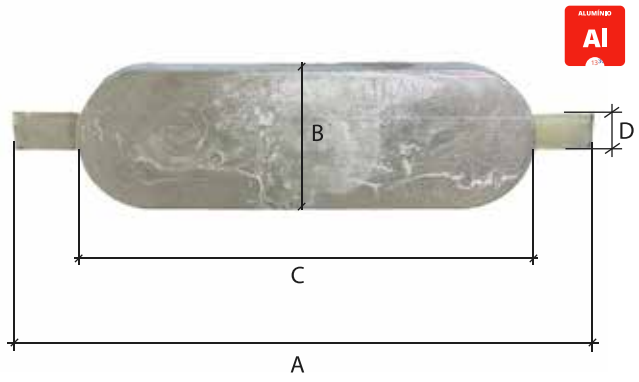
HULL ANODES | NAL 6.4



A	B	C	D
595mm	115mm	455mm	30mm

Weight NAL 6.4 - 6,4 Kg

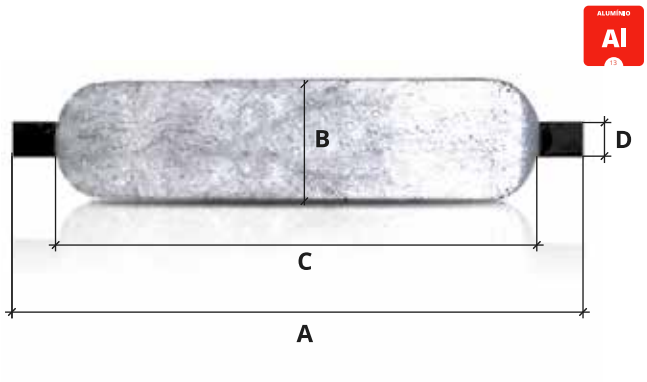
HULL ANODES | NAL 8



A	B	C	D
620mm	150mm	478mm	40mm

Weight NAL 8 - 8 Kg

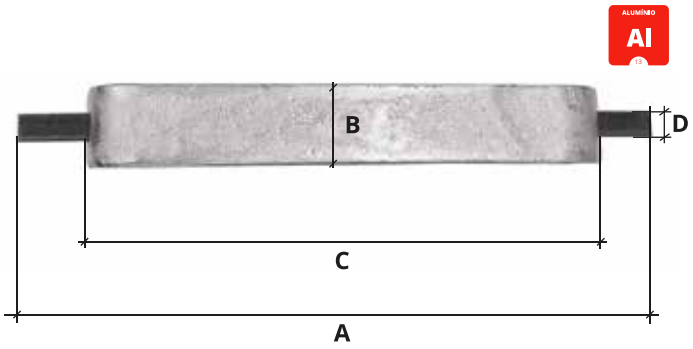
HULL ANODES | NAL 9.2



A	B	C	D
650mm	135mm	540mm	40mm

Weight NAL 9.2 - 9,2 Kg

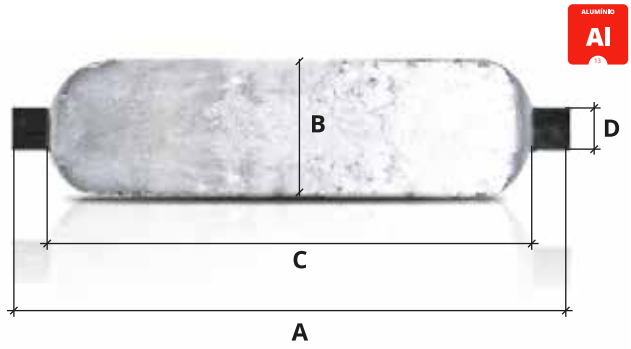
HULL ANODES | NAL 11.2



A	B	C	D
960mm	120mm	780mm	40mm

Weight NAL 11.2 - 11,2 Kg

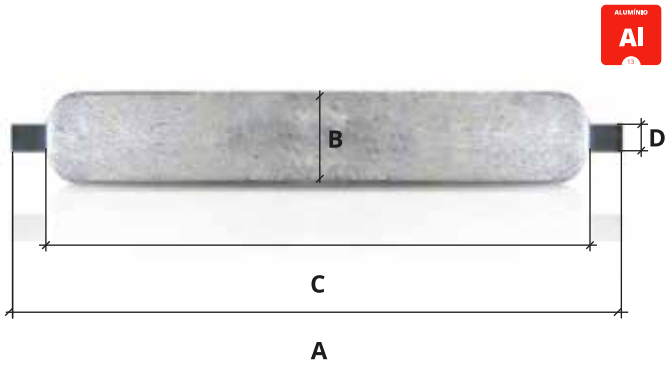
HULL ANODES | NAL 11.6



A	B	C	D
650mm	130mm	535mm	50mm

Weight NAL 11.6 - 11,6 Kg

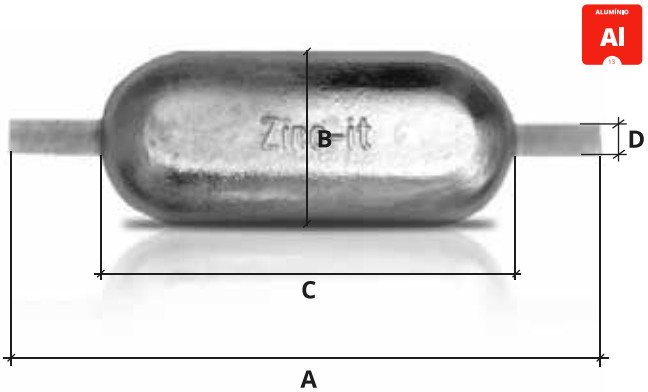
HULL ANODES | NAL 15.4



A	B	C	D
1015mm	130mm	920mm	50mm

Weight NAL 15.4 - 15,4 Kg

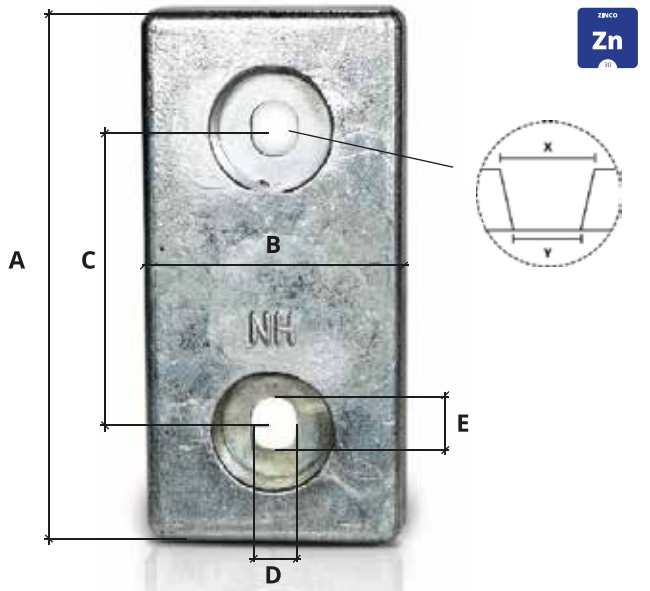
HULL ANODES | NAL 16.3



A	B	C	D
770mm	165mm	570mm	40mm

Weight NAL 16.3 - 16,3 Kg

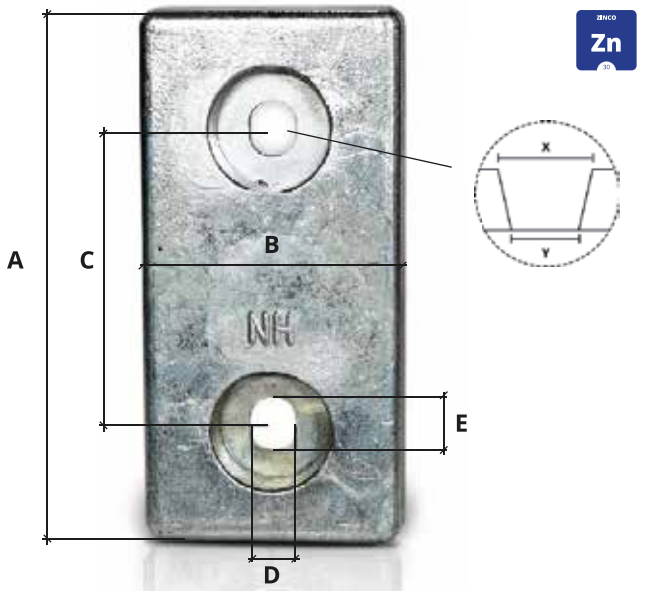
HULL RUDDER | NH1.2



A	B	C	D	E	X	Y
145mm	65mm	75mm	16mm	20mm	34mm	30mm

Weight NH1.2 - 1,2 Kg

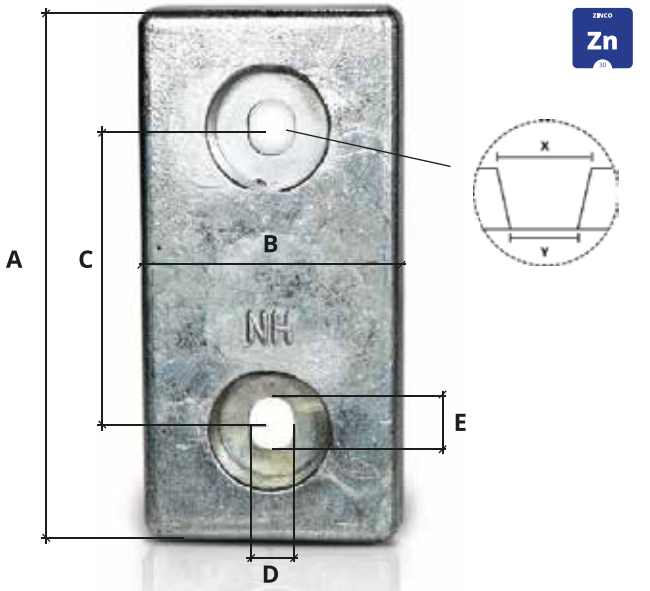
HULL RUDDER | NH2.5



A	B	C	D	E	X	Y
195mm	95mm	110mm	17mm	20mm	44mm	40mm

Weight NH2.5 - 2,5 Kg

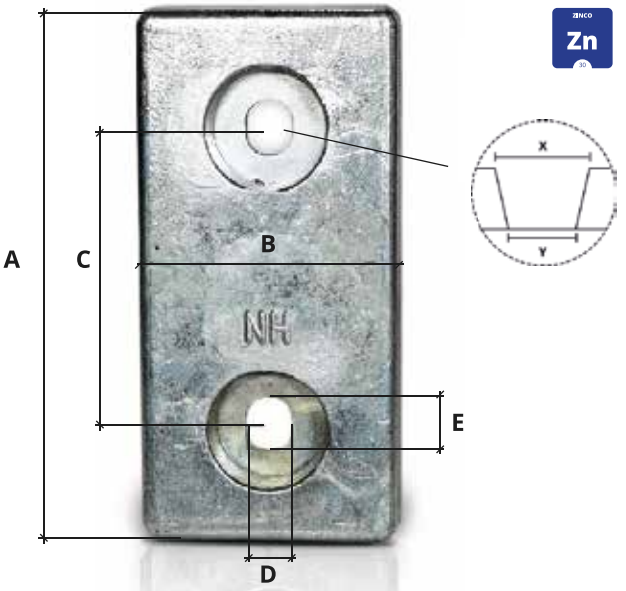
HULL RUDDER | NH3.5



A	B	C	D	E	X	Y
195mm	95mm	110mm	17mm	20mm	44mm	40mm

Weight NH3.5 - 3,5 Kg

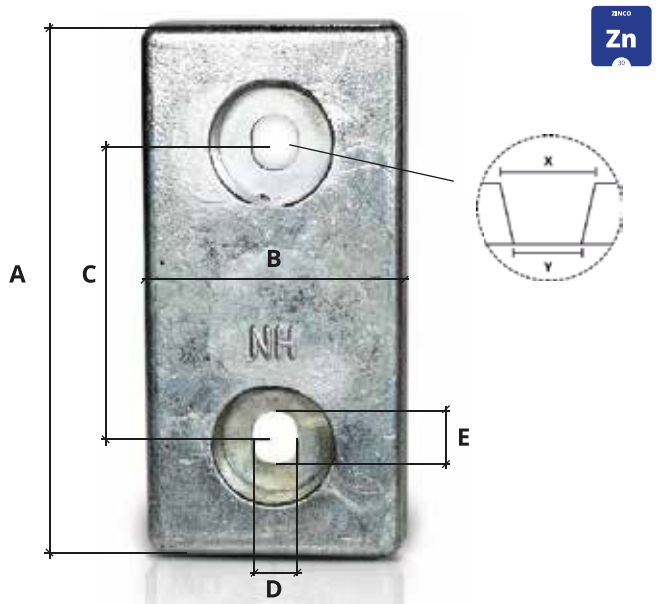
HULL RUDDER | NH6



A	B	C	D	E	X	Y
295mm	145mm	160mm	20mm	30mm	60mm	46mm

Weight NH6 - 6 Kg

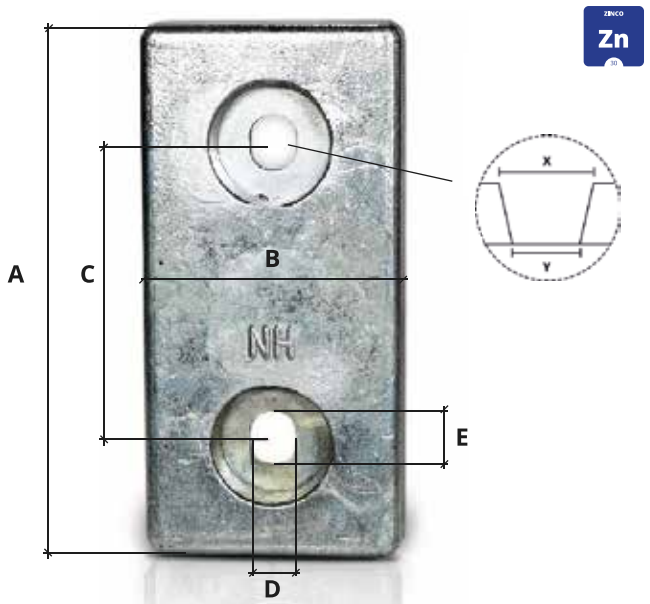
HULL RUDDER | NH9



A	B	C	D	E	X	Y
305mm	160mm	160mm	20mm	30mm	60mm	46mm

Weight NH9 - 9 Kg

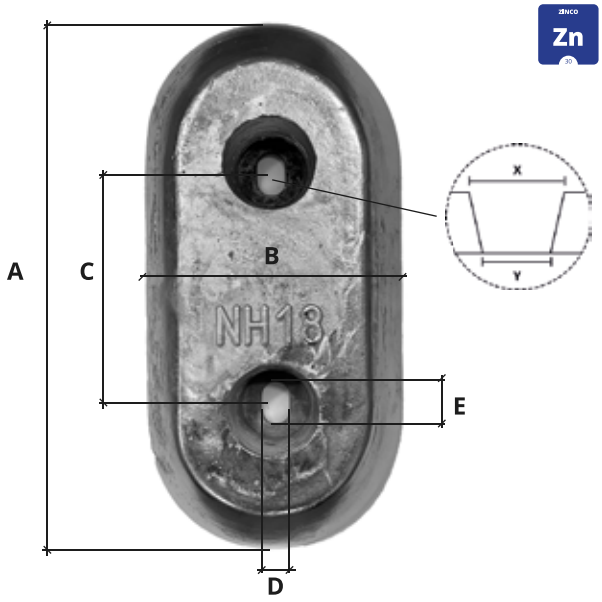
HULL RUDDER | NH12



A	B	C	D	E	X	Y
305mm	160mm	160mm	20mm	30mm	53mm	40mm

Weight NH12 - 12 Kg

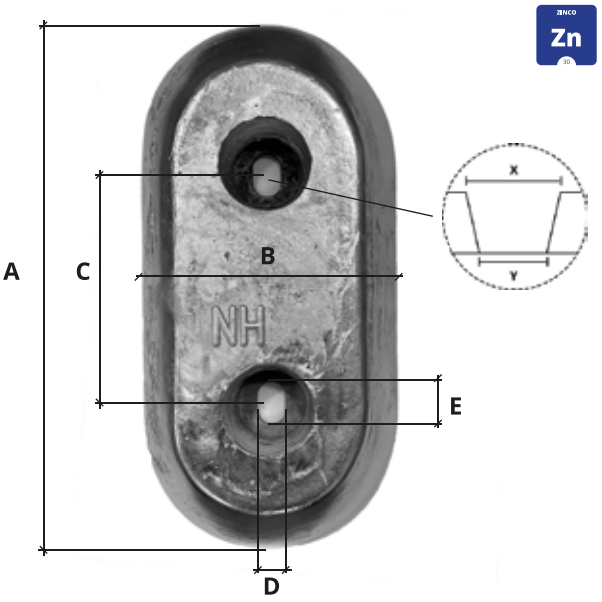
HULL RUDDER | NH18



A	B	C	D	E	X	Y
360mm	180mm	160mm	20mm	30mm	60mm	46mm

Weight NH18 - 18 Kg

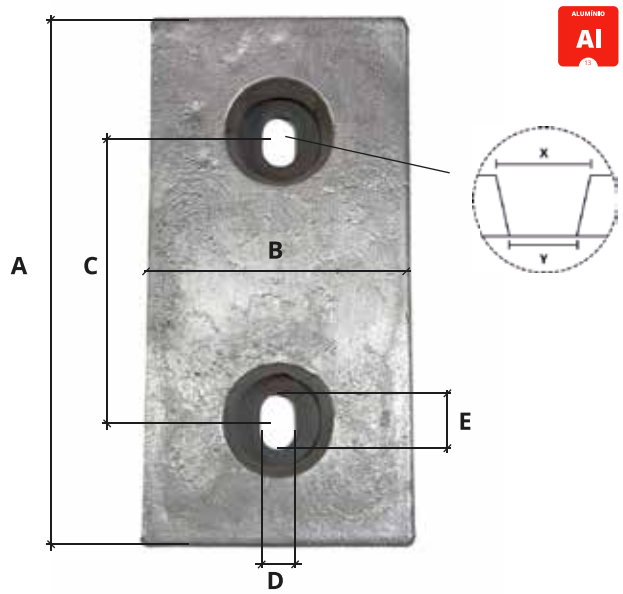
HULL RUDDER | NH40



A	B	C	D	E	X	Y
560mm	165mm	340mm	20mm	30mm	60mm	46mm

Weight NH40 - 40 Kg

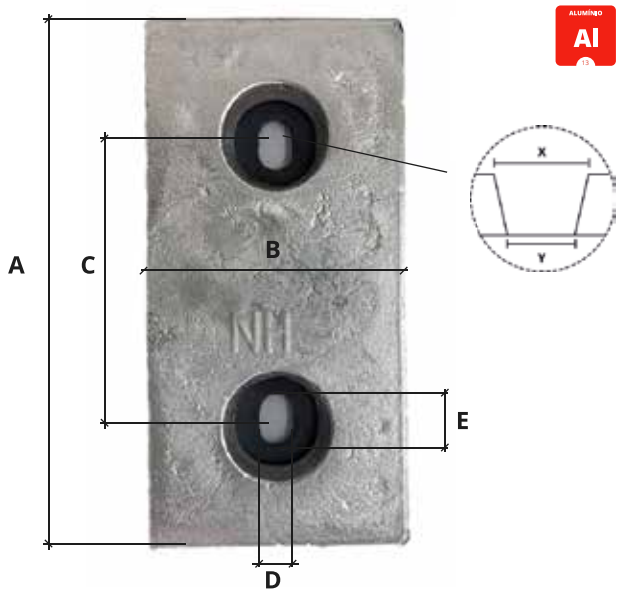
HULL RUDDER | NHAL 2.6



A	B	C	D	E	X	Y
295mm	145mm	160mm	20mm	30mm	60mm	46mm

Weight NHAL 2.6 - 2,6 Kg

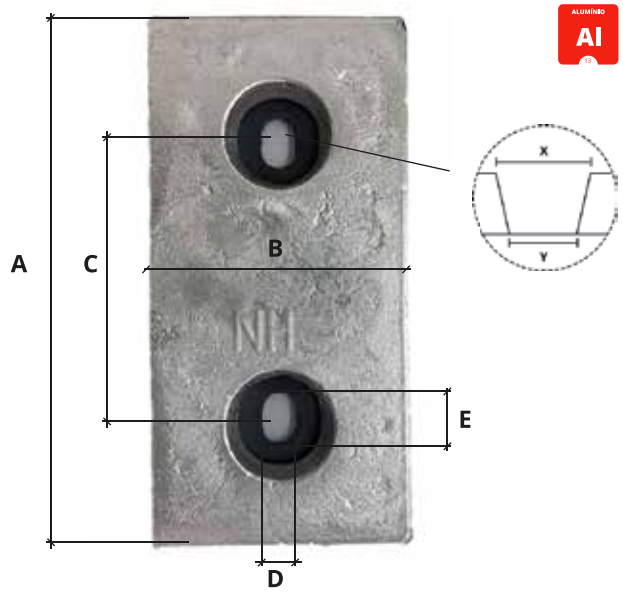
HULL RUDDER | NHAL 3.9



A	B	C	D	E	X	Y
305mm	160mm	160mm	20mm	30mm	60mm	46mm

Weight NHAL 3.9 - 3,9 Kg

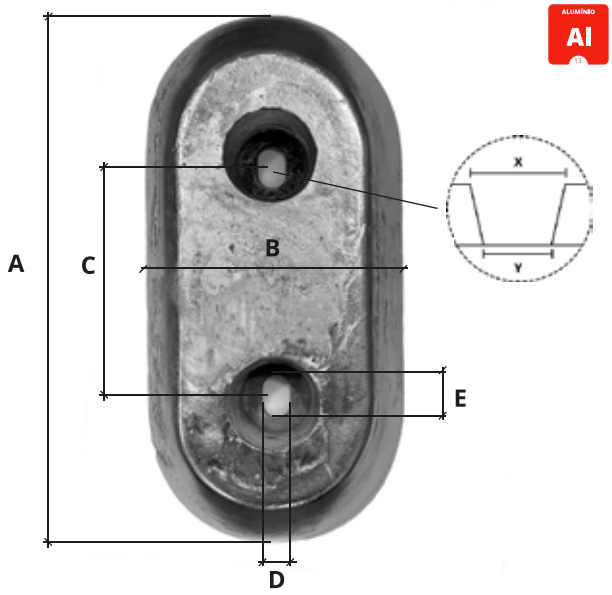
HULL RUDDER | NHAL 5.1



A	B	C	D	E	X	Y
305mm	160mm	160mm	20mm	30mm	53mm	40mm

Weight NHAL 5.1 - 5,1 Kg

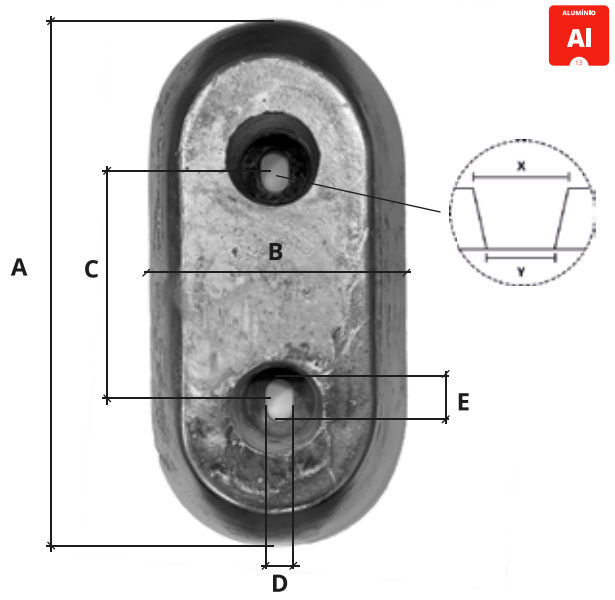
HULL RUDDER | NHAL 7.2



A	B	C	D	E	X	Y
360mm	180mm	160mm	20mm	30mm	60mm	46mm

Weight NHAL 7.2 - 7,2 Kg

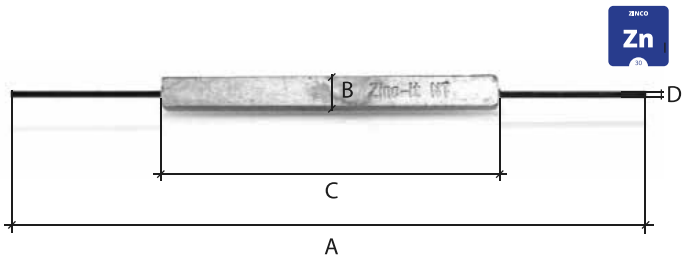
HULL RUDDER | NHAL 16



A	B	C	D	E	X	Y
560mm	165mm	340mm	20mm	30mm	60mm	46mm

Weight NHAL 16 - 16 Kg

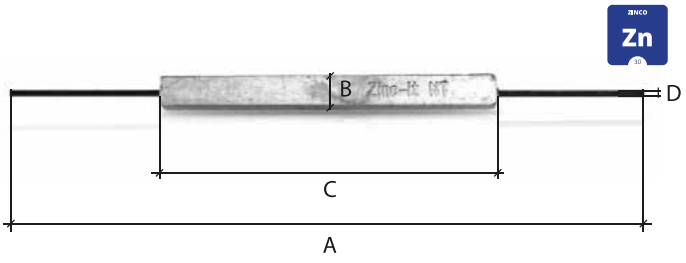
TANK ANODES | NT6



A	B	C	D
695mm	60mm	290mm	Ø12mm

Weight NT6 - 6 Kg

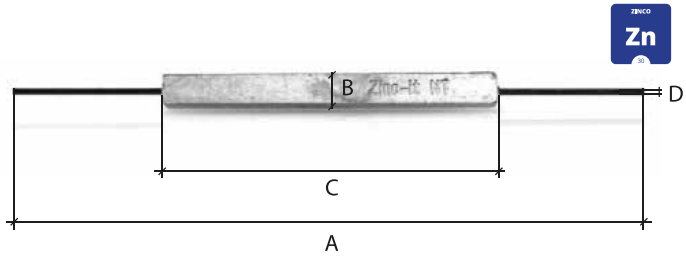
TANK ANODES | NT8



A	B	C	D
800mm	60mm	400mm	Ø12mm

Weight NT8 - 8 Kg

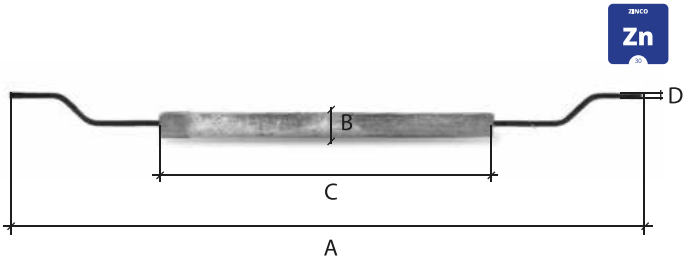
TANK ANODES | NT10



A	B	C	D
1210mm	65mm	610mm	Ø12mm

Weight NT10 - 10 Kg

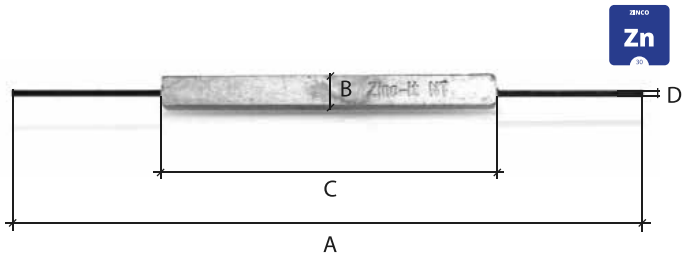
TANK ANODES | NTF12



A	B	C	D
1210mm	65mm	610mm	Ø12mm

Weight NTF12 - 12 Kg

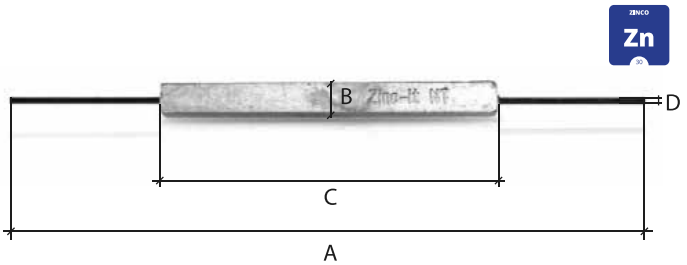
TANK ANODES | NT12



A	B	C	D
1210mm	65mm	610mm	Ø12mm

Weight NT12 - 12 Kg

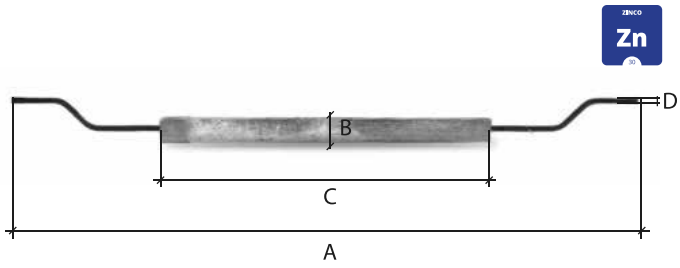
TANK ANODES | NT18



A	B	C	D
740mm	65mm	515mm	Ø12mm

Weight NT18 - 18 Kg

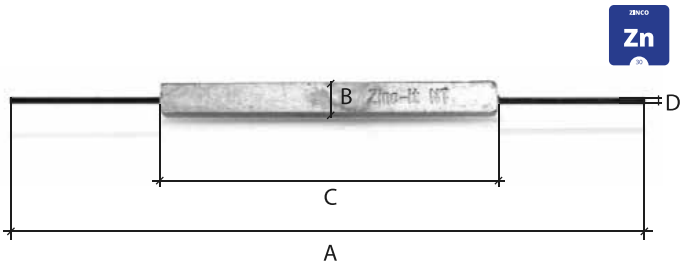
TANK ANODES | NTF22



A	B	C	D
1210mm	65mm	720mm	Ø12mm

Weight NTF22 - 22 Kg

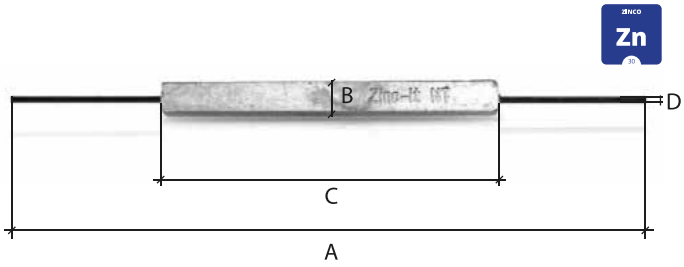
TANK ANODES | NT22



A	B	C	D
1210mm	65mm	720mm	Ø12mm

Weight NT22 - 22 Kg

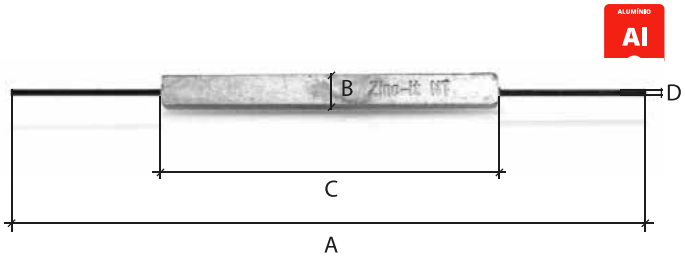
TANK ANODES | NT50



A	B	C	D
1870mm	75mm	1220mm	Ø16mm

Weight NT50 - 50 Kg

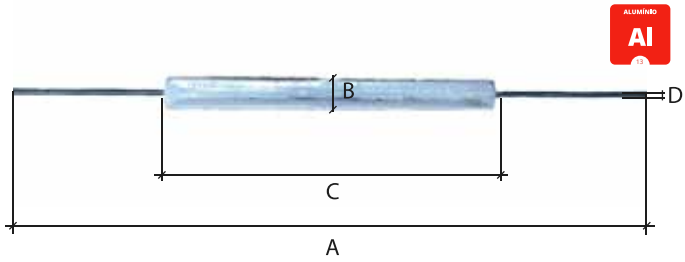
TANK ANODES | NTAL 2.7



A	B	C	D
695mm	60mm	290mm	Ø12mm

Weight NTAL 2.7 - 2,7 Kg

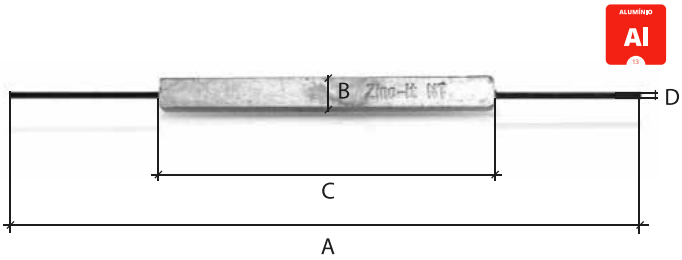
TANK ANODES | NTAL 4.5



A	B	C	D
1210mm	65mm	610mm	Ø12mm

Weight NTAL 4.5 - 4,5 Kg

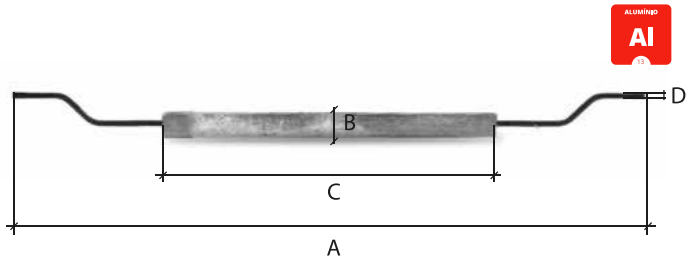
TANK ANODES | NTAL 5.3



A	B	C	D
1210mm	65mm	610mm	Ø12mm

Weight NTAL 5.3 - 5,3 Kg

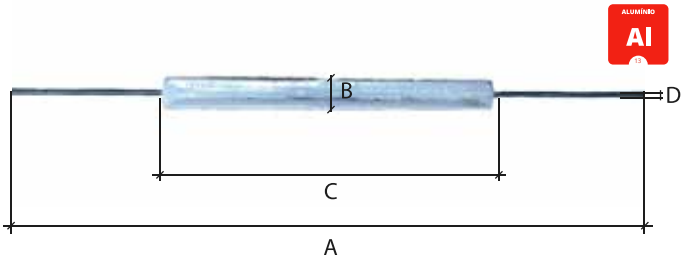
TANK ANODES | NTFAL 5.3



A	B	C	D
1210mm	65mm	610mm	Ø12mm

Weight NTFAL 5.3 - 5,3 Kg

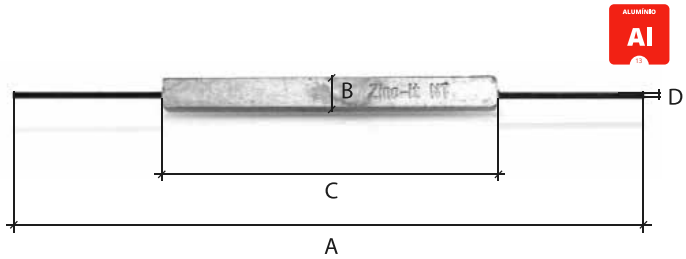
TANK ANODES | NTAL 7.4



A	B	C	D
740mm	65mm	515mm	Ø12mm

Weight NTAL 7.4 - 7,4 Kg

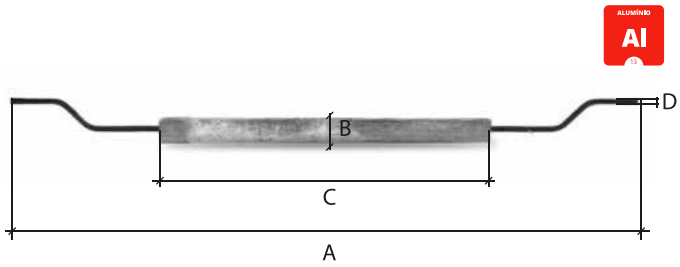
TANK ANODES | NTAL 9.2



A	B	C	D
1210mm	65mm	720mm	Ø12mm

Weight NTAL 9.2 - 9,2 Kg

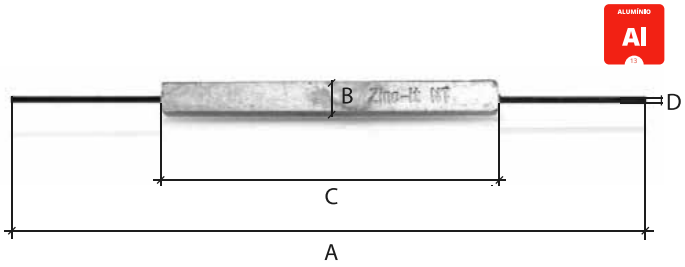
TANK ANODES | NTFAL 9.2



A	B	C	D
1210mm	65mm	720mm	Ø12mm

Weight NTFAL 9.2 - 9,2 Kg

TANK ANODES | NTAL 20.4



A	B	C	D
1870mm	75mm	1220mm	Ø16mm

Weight NTAL 20.4 - 20,4 Kg

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SACRIFICIAL ANODES

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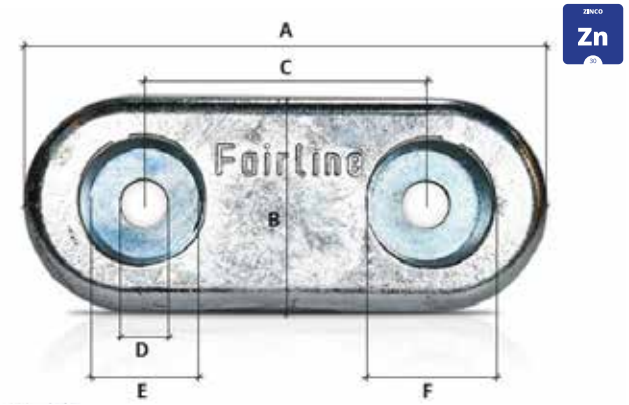
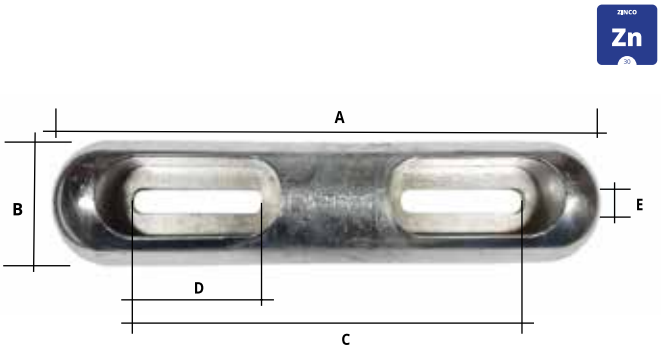
FAIRLINE ANODES | FAIRLINE 1



A	B	C	D	E	F
150mm	60mm	80mm	13mm	25mm	31mm

Weight FAIRLINE 1 - 1,2 Kg

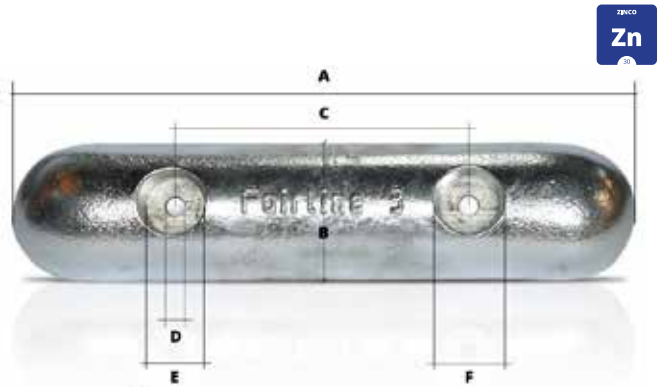
FAIRLINE ANODES | FAIRLINE 2.5



A	B	C	D	E
320mm	64mm	230mm	73mm	12mm

Weight FAIRLINE 2.5 - 2,5 Kg

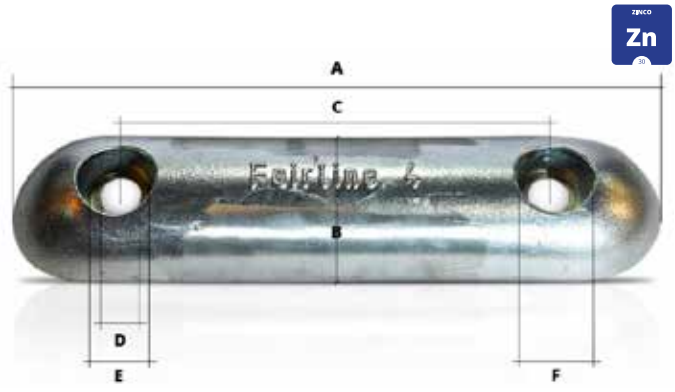
FAIRLINE ANODES | FAIRLINE 3



A	B	C	D	E	F
300mm	65mm	140mm	10mm	24mm	27mm

Weight FAIRLINE 3 - 3 Kg

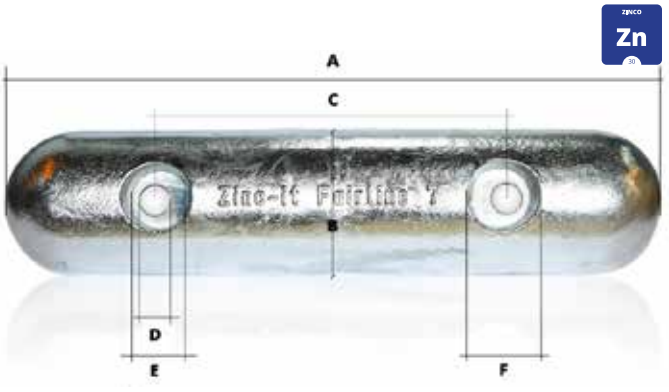
FAIRLINE ANODES | FAIRLINE 4



A	B	C	D	E	F
307mm	75mm	200mm	20mm	30mm	47mm

Weight FAIRLINE 4 - 3,9 Kg

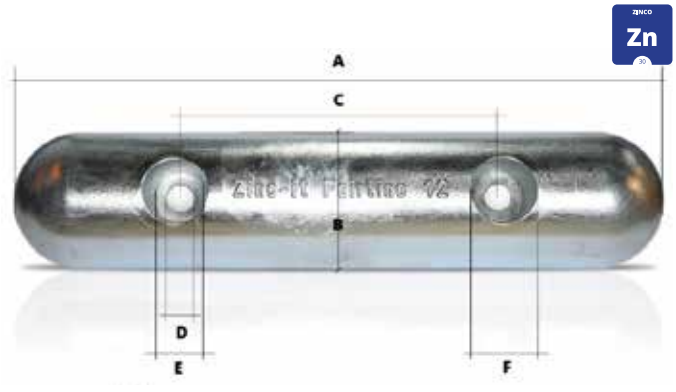
FAIRLINE ANODES | FAIRLINE 7



A	B	C	D	E	F
435mm	95mm	230mm	20mm	37mm	72mm

Weight FAIRLINE 7 - 7 Kg

FAIRLINE ANODES | FAIRLINE 12



A	B	C	D	E	F
475mm	100mm	230mm	20mm	37mm	72mm

Weight FAIRLINE 12 - 12 Kg

SHAFT ANODES | BARRELS

Model	Diameter	Weight	Model	Diameter	Weight
NNB25	Ø 25	0,40 Kg	NNB50	Ø 50	1,26 Kg
NNB30	Ø 30	0,40 Kg	NNB55	Ø 55	1,09 Kg
NNB32	Ø 32	0,45 Kg	NNB60	Ø 60	1,85 Kg
NNB35	Ø 35	0,50 Kg	NNB70	Ø 70	2,65 Kg
NNB40	Ø 40	1,15 Kg	NNB195	Ø 195	27,8 Kg
NNB45	Ø 45	1,15 Kg			

SHAFT ANODES | THIN COLLAR

Model	Diameter	Weight
NNC19	Ø 19	0,20 Kg
NNC22	Ø 22	0,18 Kg
NNC25	Ø 25	0,16 Kg
NNC30	Ø 30	0,20 Kg
NNC35	Ø 35	0,24 Kg
NNC40	Ø 40	0,45 Kg
NNC50	Ø 50	0,69 Kg

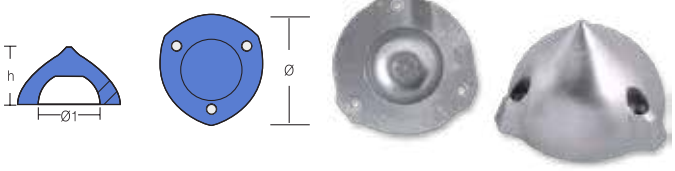
PROPELLER ANODES | ROUND CONE

Model	Diameter	Weight
NHR25	Ø 25	0,11 Kg
NHR30	Ø 30	0,25 Kg
NHR35	Ø 35	0,39 Kg
NHR40	Ø 40	0,84 Kg
NHR45	Ø 45	1,13 Kg
NHR50	Ø 50	1,20 Kg

PROPELLER ANODES | HEXAGONAL CONE

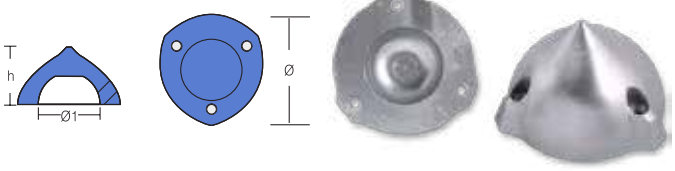
Model	Diameter	Weight
NHH25	Ø 25	0,12 Kg
NHH30	Ø 30	0,26 Kg
NHH35	Ø 35	0,35 Kg
NHH40	Ø 40	0,47 Kg
NHH45	Ø 45	0,81 Kg
NHH50	Ø 50	1,02 Kg
NHH60	Ø 60	1,6 Kg

PROPELLER ANODES | MAXPROP



Model	Ø	Ø1	h	Weight
NMAX-52	100	52	61	0,89 Kg

PROPELLER ANODES | MAXPROP

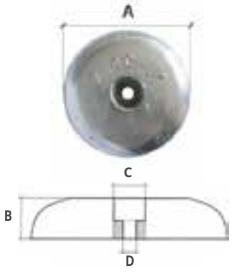


Model	Ø	Ø1	h	Weight
NMAX-81	120	81	78	1,4 Kg

PROPELLER ANODES | NJP 60 - NJP 80

Model	Ø1	Ø2	Height	Weight
NJP 60	8	60	26	0,36 Kg
NJP 80	10	80	33	0,75 Kg

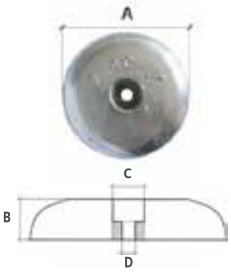
PROPELLER ANODES | ND8



A	B	C	D
80mm	16mm	20mm	9mm

Weight ND8 - 0,42 Kg

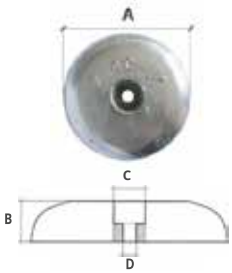
SINGLE DISC ANODES | ND10



A	B	C	D
100mm	19mm	20mm	9mm

Weight ND10 - 0,82 Kg

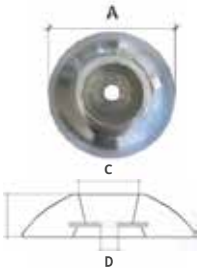
SINGLE DISC ANODES | ND12



A	B	C	D
120mm	19mm	20mm	9mm

Weight ND12 - 1,20 Kg

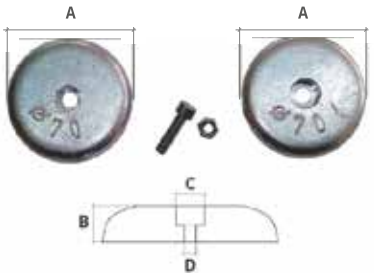
SINGLE DISC ANODES | ND13



A	B	C	D
130mm	31mm	51mm	14mm

Weight ND13 - 1,60 Kg

DOUBLE SIDE DISC ANODES | NDP70

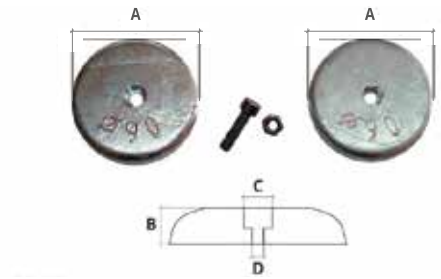


A	B	C	D
70mm	8mm	13mm 15,5mm	9mm

Weight NDP70 - 0,45 Kg

Includes: Screw M8X30 Thread M8

DOUBLE SIDE DISC ANODES | NDP90

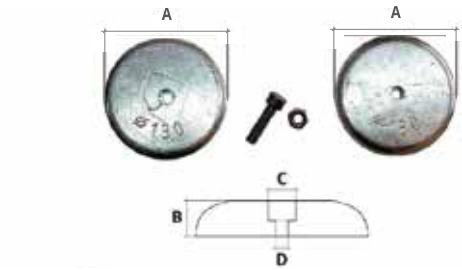


A	B	C	D
90mm	8mm	15,5mm 13mm	9mm

Weight NDP90 - 0,70 Kg

Includes: Screw M8X30 Thread M8

DOUBLE SIDE DISC ANODES | NDP130



A	B	C	D
130mm	8mm	15,5mm 13mm	9mm

Weight NDP130 - 1,30 Kg

Includes: Screw M8X30 Thread M8

DISC ANODES | ND15

Ø1	Hole Ø2	Thickness
150mm	10mm	25mm

Weight ND15 - 3 Kg

DISC ANODES | ND22

Diameter	Thickness	Hole	Bolt housing
220mm	25mm	Ø11	Ø45x12

Weight ND22 - 6,5 Kg

NPL ANODES - PLATES | NPL1.75 - NPL47.5

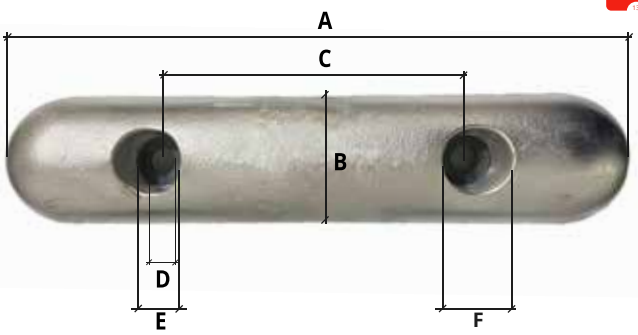
Plates	L	A	Thickness	Kg
NPL1.75	100mm	50mm	50	1,75
NPL3	300mm	150mm	10	3
NPL5	300mm	150mm	17	5
NPL7	300mm	150mm	22	7
NPL12	300mm	150mm	40	12
NPL16	300mm	150mm	50	16
NPL21	300mm	200mm	50	21
NPL47.5	300mm	250mm	90	47,5

SUSPENDED ANODES | NR30A

Diameter	Length	Cable Length
30mm	400mm	3 - 6 m

Weight NR30A - 2 Kg

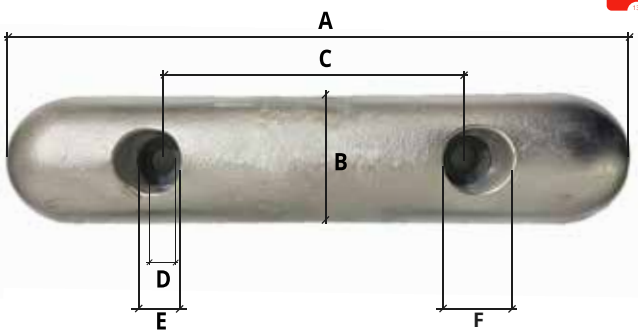
FAIRLINE ANODES | FAIRLINE NAL 3.4



A	B	C	D	E	F
435mm	95mm	230mm	20mm	37mm	72mm

Weight FAIRLINE NAL 3.4 - 3,4 Kg

FAIRLINE ANODES | FAIRLINE NAL 5



A	B	C	D	E	F
470mm	100mm	230mm	20mm	37mm	72mm

Weight FAIRLINE NAL 5 - 5 Kg

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VOLVO PENTA | KIT VP-290

1 UNIT MODEL NVP-875815 - 0,780 Kg

1 UNIT MODEL NVP-852835 - 0,800 Kg

VOLVO PENTA | KIT VP-290 DP

1 UNIT MODEL NVP-852182 - 0,510 Kg

1 UNIT MODEL NVP-852835 - 0,800 Kg

VOLVO PENTA | KIT VP-290 C

1 UNIT MODEL NVP-875815 - 0,780 Kg

1 UNIT MODEL NVP-852835 - 0,800 Kg

2 UNIT MODEL NVP-872793 - 0,120 Kg

VOLVO PENTA | KIT VP-290 DP-C

1 UNIT MODEL NVP-852182 - 0,510 Kg

1 UNIT MODEL NVP-852835 - 0,800 Kg

2 UNIT MODEL NVP-872793 - 0,120 Kg

VOLVO PENTA | KIT VP 280

1 UNIT MODEL NVP-875815 - 0,780 Kg

1 UNIT MODEL NVP-832598 - 0,895 Kg

VOLVO PENTA | KIT VP 280 DP

1 UNIT MODEL NVP-852182 - 0,510 Kg

1 UNIT MODEL NVP-832598 - 0,895 Kg

VOLVO PENTA | KIT VP-SX

1 UNIT MODEL NVP-3855411 - 0,850 Kg

1 UNIT MODEL NVP-3854130 - 1,040 Kg

VOLVO PENTA | KIT DPH/DPR

1 UNIT MODEL NVP-TRI464650 - 0,870 Kg

1 UNIT MODEL NVP-TRI457068 - 0,473 Kg

VOLVO PENTA | KIT VP-SX-A,DPS-A

1 UNIT MODEL NVP-3888817 - 1,045 Kg

1 UNIT MODEL NVP-3888814 - 1,197 Kg

MERCURY MERCRUISER | KIT MM ALPHA I GENERATION 1

1 UNIT MODEL NMM-31640 - 0,466 Kg

1 UNIT MODEL NMM-821631 - 0,846 Kg

2 UNIT MODEL NMM-55989 - 0,118 Kg

MERCURY MERCRUISER | KIT MM ALPHA I GENERATION 2

1 UNIT MODEL NMM-821631 - 0,846 Kg

1 UNIT MODEL NMM-806105 - 0,222 Kg

1 UNIT MODEL NMM-76214-5 - 0,311 Kg

2 UNIT MODEL NMM-806189 - 0,113 Kg

1 UNIT MODEL NMM-821629 - 0,809 Kg

MERCURY MERCRUISER | KIT MM- BRAVO I

1 UNIT MODEL NMM-821630 - 0,920 Kg

2 UNIT MODEL NMM-806190 - 0,337 Kg

1 UNIT MODEL NMM-806188 - 0,167 Kg

1 UNIT MODEL NMM-76214-4 - 0,290 Kg

MERCURY MERCRUISER | KIT MM- BRAVO II-III

- **1 UNIT** MODEL NMM-76214-5 - 0,311 Kg
- **2 UNIT** MODEL NMM-806190 - 0,337 Kg
- **1 UNIT** MODEL NMM-821630 - 0,920 Kg

MERCURY MERCRUISER | KIT MM- BRAVO III

- **1 UNIT** MODEL NMM-821630 - 0,920 Kg
- **1 UNIT** MODEL NMM-76214-5 - 0,311 Kg
- **1 UNIT** MODEL NMM-76214-4 - 0,290 Kg
- **2 UNIT** MODEL NMM-806190 - 0,337 Kg
- **1 UNIT** MODEL NMM-865182 - 0,508 Kg

MERCURY MERCRUISER | KIT MM- VERADO 4

- **1 UNIT** MODEL NMM-76214-5 - 0,311 Kg
- **2 UNIT** MODEL NMM-826134 - 0,239 Kg
- **1 UNIT** MODEL NMM-818298 - 0,585 Kg

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CYLINDRICAL ANODES | NR9 - NR40

Model	Diameter	Lenght
NR9	9mm	300mm
NR10	10mm	300mm
NR12	12mm	300mm
NR15	15mm	400mm
NR16	16mm	400mm

Model	Diameter	Lenght
NR20	20mm	400mm
NR25	25mm	400mm
NR30	30mm	400mm
NR35	35mm	400mm
NR40	40mm	400mm

Weight			
NR9	0,14Kg	NR15	0,50Kg
NR10	0,17Kg	NR16	0,60Kg
NR12	0,24Kg		

Weight			
NR20	0,90Kg	NR35	2,70Kg
NR25	1,40Kg	NR40	3,50Kg
NR30	2Kg		

CYLINDRICAL ANODES | NR50 - NR190

Model	Diameter	Lenght
NR50	50mm	400mm
NR60	60mm	400mm
NR75	75mm	400mm
NR80	80mm	400mm
NR90	90mm	400mm

Model	Diameter	Lenght
NR100	100mm	400mm
NR125	125mm	400mm
NR150	150mm	400mm
NR165	165mm	400mm
NR190	190mm	400mm

Weight			
NR50	5,40Kg	NR80	14Kg
NR60	7,70Kg	NR90	18Kg
NR75	12,10Kg		

Weight			
NR100	22Kg	NR165	60Kg
NR125	35,5Kg	NR190	83Kg
NR150	50Kg		

PENCILS | PNC BRASS PLUG

Brass plug			Wrench
Model	NPT Tube	Length	
14	¼ "		14
38	⅜ "	23mm	17
12	½"		22

PENCILS | PNZ ANODES

Anode Thread			Anode Length	Anode Diameter
Model	Diameter	Length		
D105	⅜ "		50 mm	10.5 mm
D130	7/16 "	15 mm	50 mm	13 mm
D150	9/16 "		80 mm	15 mm

PENCILS | PNT ANODES

Brass plug			Anode Thread		Anode Length	Anode Diameter	Wrench
Model	NPT Tube	Length	Diameter	Length			
R14D105	¼ "		⅜ "		50 mm	10.5 mm	14
R38D130	⅜ "	23mm	7/16 "	15mm	50 mm	13 mm	17
R12D150	½"		9/16 "		80 mm	15 mm	22

PENCILS | TAILOR-MADE PENCIL

Diameter	up to 32
Threads	Inches or Metric
Length	up to 370 mm

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HYDROJET ANODES

SACRIFICIAL ANODES

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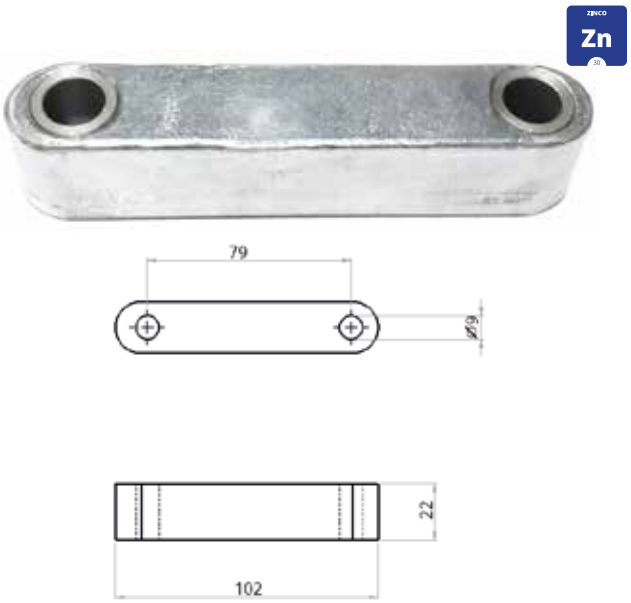
HYDROJET ANODES | HAMILTON JET 447

Weight Model: HJ447ZN - 0,3 Kg

HYDROJET ANODES | HAMILTON JET 634



Weight Model: HJ634ZN - 0,3 Kg

HYDROJET ANODES | HAMILTON JET 359

Weight Model: HJ359ZN - 0,3 Kg

HYDROJET ANODES | HAMILTON JET 121

Weight Model: HJ121ZN - 8,5 Kg

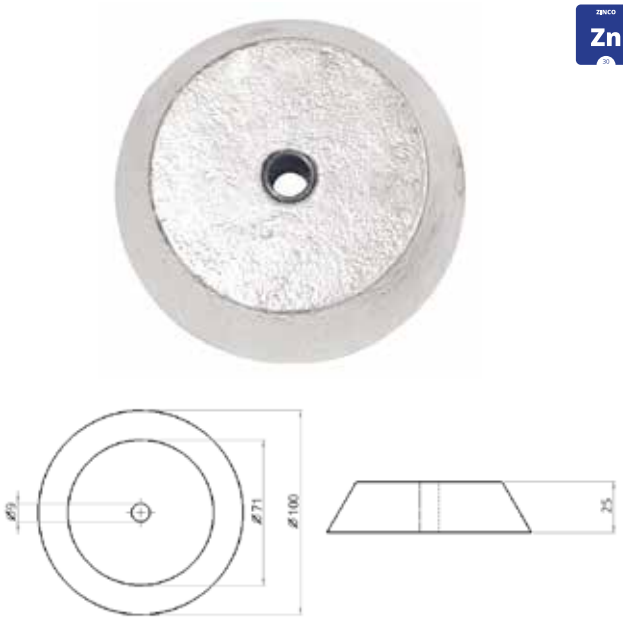
HYDROJET ANODES | HAMILTON JET 393

Weight Model: HJ393ZN - 11,3 Kg

HYDROJET ANODES | HAMILTON JET 232

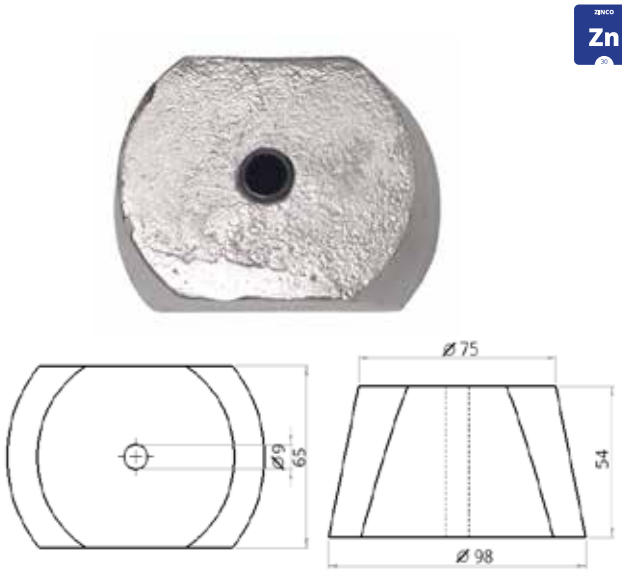
Weight Model: HJ232ZN - 4,9 Kg

HYDROJET ANODES | HAMILTON JET 123



Weight Model: HJ123ZN - 0,9 Kg

HYDROJET ANODES | HAMILTON JET 127



Weight Model: HJ127ZN - 1,8 Kg

HYDROJET ANODES | CASTOLDI 180

Ø1	Ø2	R
84	180	82

Weight Castoldi 180 - 1,5 Kg

HYDROJET ANODES | CASTOLDI 240

Ø1	Ø2	R
154	240	127

Weight Castoldi 240 - 3,4 Kg Stainless steel insert

CASTOLDI KITS | ZCO / Z3175 / CASTOLDI 240 / NNB32

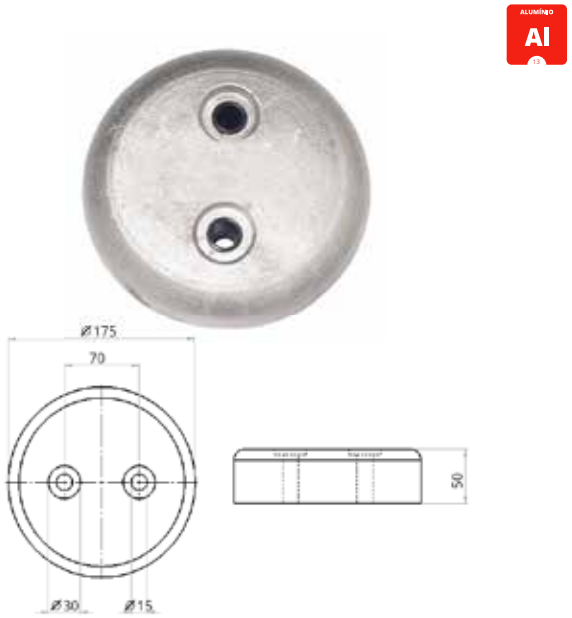
23 UNITS MODEL ZCO

1 UNIT MODEL Z3175

1 UNIT MODEL CASTOLDI 240

1 UNIT MODEL NNB32

HYDROJET ANODES | HAMILTON JET 121



Weight HJ121AL - 3,4 Kg

HYDROJET ANODES | HAMILTON JET 393

Weight HJ393AL - 4,4 Kg

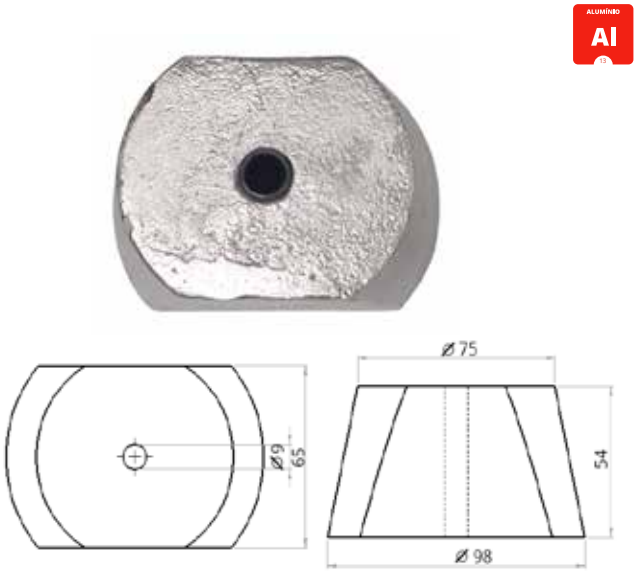
HYDROJET ANODES | HAMILTON JET 232

Weight HJ232AL - 1,9 Kg

HYDROJET ANODES | HAMILTON JET 123

Weight HJ123AL- 0,35 Kg

HYDROJET ANODES | HAMILTON JET 127



Weight HJ127AL - 0,7 Kg

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OTHER ANODES

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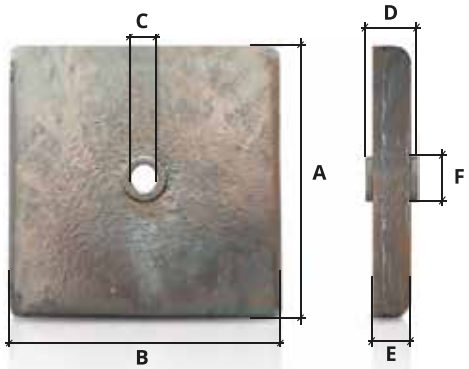
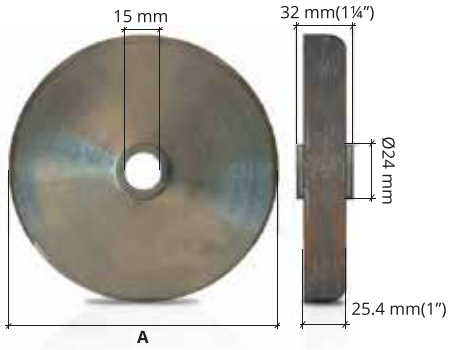
ANODES FOR FISHING FARMING | ModelS ZEP - A



A	B	C	D	E	F
152mm	152mm (6”)	15mm (6”)	32mm (1¼”)	25.4mm (1”)	Ø24

Weight MODEL ZEP A - 4 Kg

ANODES FOR FISHING FARMING | ModelS ZEP - B



A	Weight
Size (mm)	Kg
127	2,25
76	0,81

ANODES FOR HOT WATER | NP4

Diameter	Hole	Height
80mm	M24	115mm

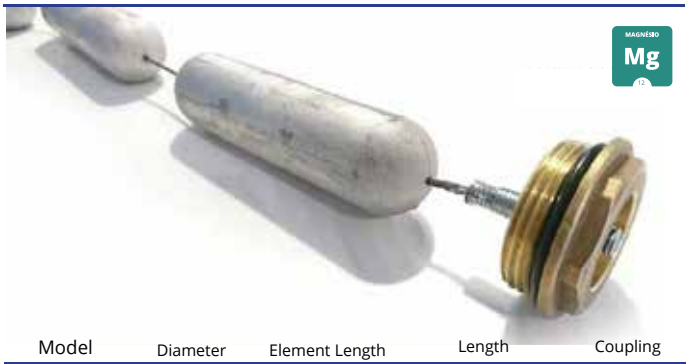
Weight NP4 - 4 Kg

ANODES FOR HOT WATER | NP5.5

Diameter	Hole	Height
100mm	M36	100mm

Weight NP5.5 - 5,5 Kg

ANODES FOR HOT WATER



Model	Diameter	Element Length	Length	Coupling
NMAG-S22	Ø22	125	Minimum: 3 elements	M8/ Sealing Plug
NMAG-S26	Ø26	125	Minimum: 3 elements	M8/ Sealing Plug
NMAG-S33	Ø33	125	Minimum: 3 elements	M8/ Sealing Plug

ANODES FOR HOT WATER

Model	Diameter x Maximum length	Standard Length	Thread	Coupling
NMAG-B21	Ø21x700	230/320	M5 - M8 - ¾"	M5 -M8 Without plug
NMAG-B22	Ø22x400	155/300/390/400	M5 - M8 -¾"	3/4" With plug
NMAG-B25	Ø25x450	230/300/350/450	M5 - M8 - ¾" - ½"	M5 -M8 Without plug
NMAG-B26	Ø26x500	300/360/400/500	M5 - M8 - ¾" - ½"	3/4" - 1/2" With plug
NMAG-B33	Ø33x550	300/400/500/550	M8 – 1 ¼"	M8 Without plug 1 1/4" With plug

CONVERSIONS

Kg	lb	mm	inches
0,14	0,31	10	0,4
0,24	0,53	15	0,6
0,50	1,10	20	0,8
0,90	1,98	25	1,0
1,20	2,65	30	1,2
2,00	4,41	35	1,4
2,50	5,51	40	1,6
3,50	7,72	45	1,8
4,00	8,82	50	2,0
5,00	11,02	60	2,4
6,00	13,23	70	2,8
7,70	16,98	100	3,9
9,00	19,84	150	5,9
10,20	22,49	200	7,9
11,00	24,25	250	9,8
12,00	26,46	300	11,8
13,00	28,66	350	13,8
16,00	35,27	400	15,7
18,00	39,68	450	17,7
21,00	46,30	500	19,7
26,00	57,32	550	21,7
40,00	88,18	600	23,6
50,00	110,23	650	25,6
83,00	182,98	700	27,6

PRODUCTION AND TRADE ACCORDING TO THE FOLLOWING SPECIFICATIONS:

ASTM B-418
MIL – A- 18001
MIL – DTL – 24779
Al-Zn-Si-In

INTERNAL METALLURGICAL LABORATORY
SPECTROMETRY ANALYSIS

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July 2025 Revision

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MARITIME SPARES

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