



METEC GROUP
CATHODIC PROTECTION

GLOBAL LEADERS IN CATHODIC PROTECTION MANUFACTURING



PRODUCT CATALOGUE





ABOUT US

Welcome to Metec Group, Metec Group today comprises of Metec Wilson Walton (Italy), Metec Cathodic Protection Limited (UK), Metec SARL (Tunisia) and Metec West Africa (Nigeria).

Metec Group are the largest Cathodic Protection manufacturer globally. With sacrificial anode production facilities in Tunisia, Nigeria and the United Kingdom the Group boasts a galvanic anode weekly capacity in excess of 300 tonnes for aluminium and zinc anode production. We also manufacture ICCP, ICAF & Shaft Grounding Systems from our Metec Wilson Walton division.

Established in 1994 in Sicily, Italy, Metec Group quickly expanded its production to North and West Africa becoming the market leader for the offshore oil and gas industries. With the acquisition of Wilson Walton Italy the Group inherited a wealth of experience for supply of Impressed Current Systems for the offshore and onshore industries.

We offer design, manufacture, installation and service to the offshore oil & gas, offshore renewable, port & harbour, ship build, ship repair and petrochemical industries.



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ZINC WELD ON ANODES

Metec have one of the largest and diverse mould selections available covering all standard weld on hull anodes as well as adaptable mould tooling ensuring we can meet any client demand for weight, shape or size as well as ensuring flexibility of core extension for compatibility to any pre existing doubler pads.

Inserts can be provided in mild steel, stainless steel, hot dip galvanised/electroplated, aluminium or any other material you may require for structure compatibility.

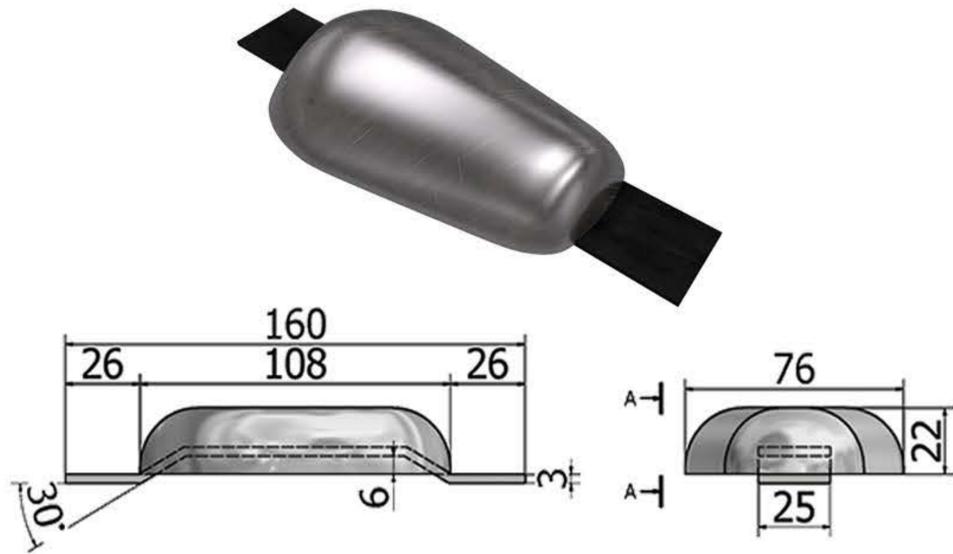
We hold over 50 tonnes of standard stock zinc hull anodes and with Europe's largest Galvanic Anode Foundry this ensures complete flexibility for our clients most challenging demands. Our experienced Marine and Corrosion Engineering Team are able to design, develop and deliver the most effective Cathodic Protection Systems on the market ensuring costs and lead times are reduced.

We can produce hull anodes to any specific alloy composition requirement to ensure the correct and most efficient anode selection is made for our clients application ensuring assets integrity is not compromised.

ZINC TYPICAL HULL ANODE ALLOY COMPOSITION

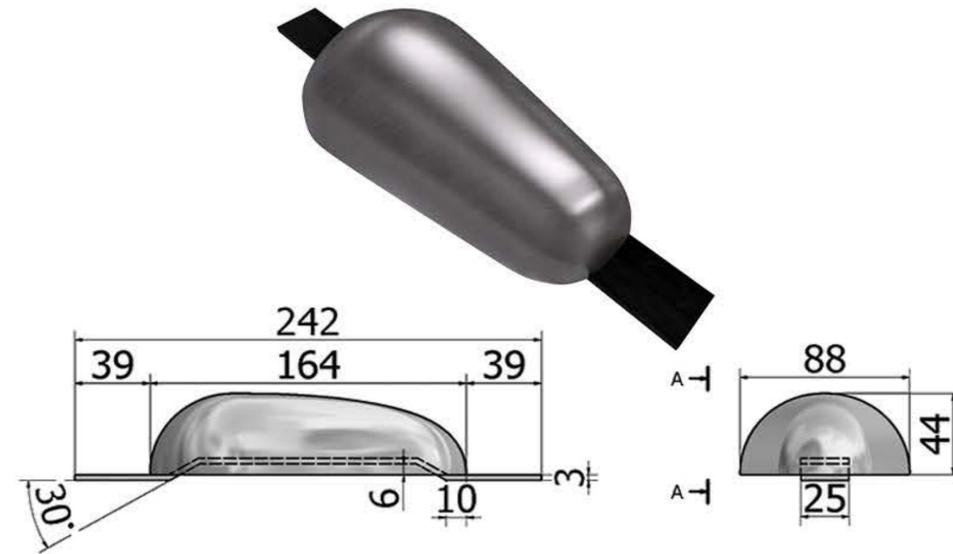
MIL-A-18001K		
Elements	Minimum %	Maximum %
Al (Aluminium)	0.100	0.500
Cd (Cadmium)	0.025	0.070
Fe (Iron)	0	0.005
Cu (Copper)	0	0.005
Pb (Lead)	0	0.006
Others	0	0.100
Zn (Zinc)	99.314	0





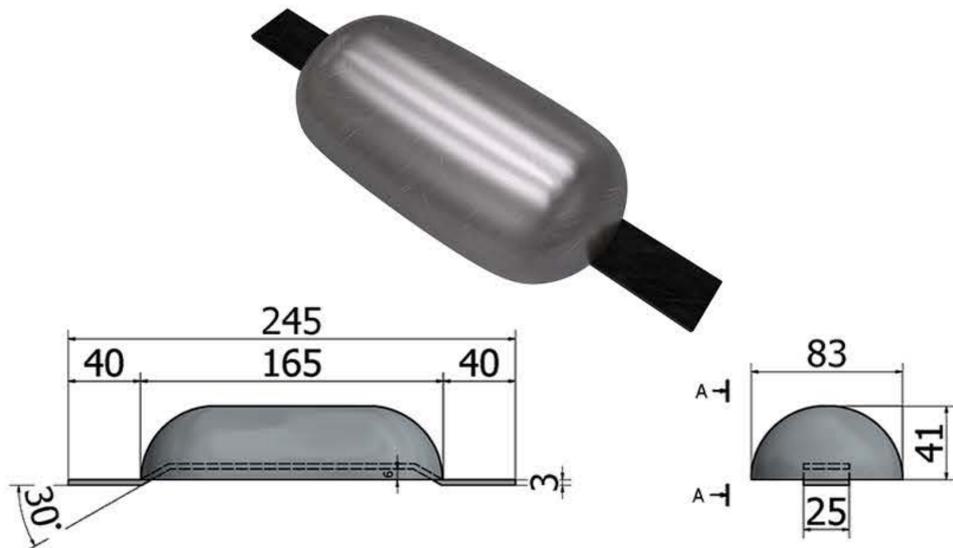
MH9Z

0.9Kg NET / 1Kg GROSS
ZINC WELD ON HULL ANODE



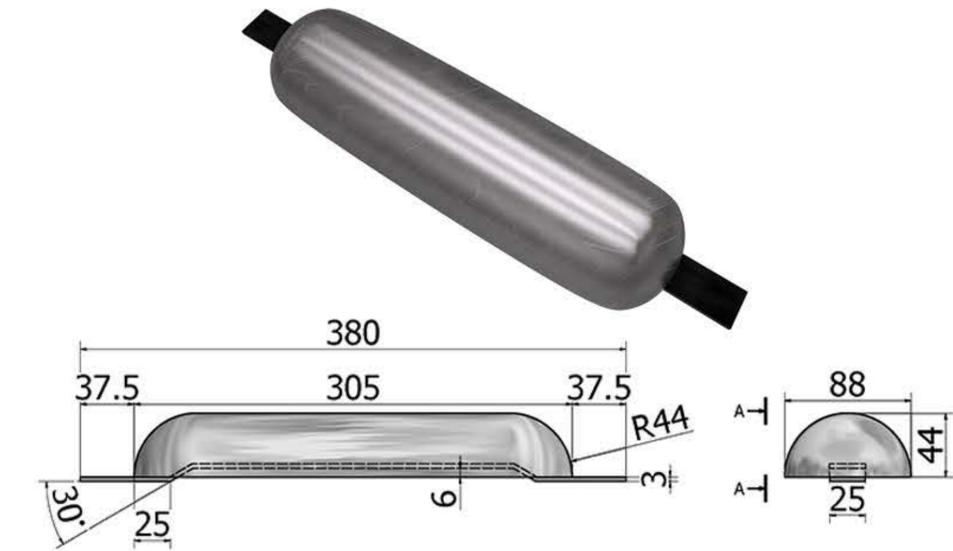
MH20Z

2Kg NET / 2.1Kg GROSS
ZINC WELD ON HULL ANODE



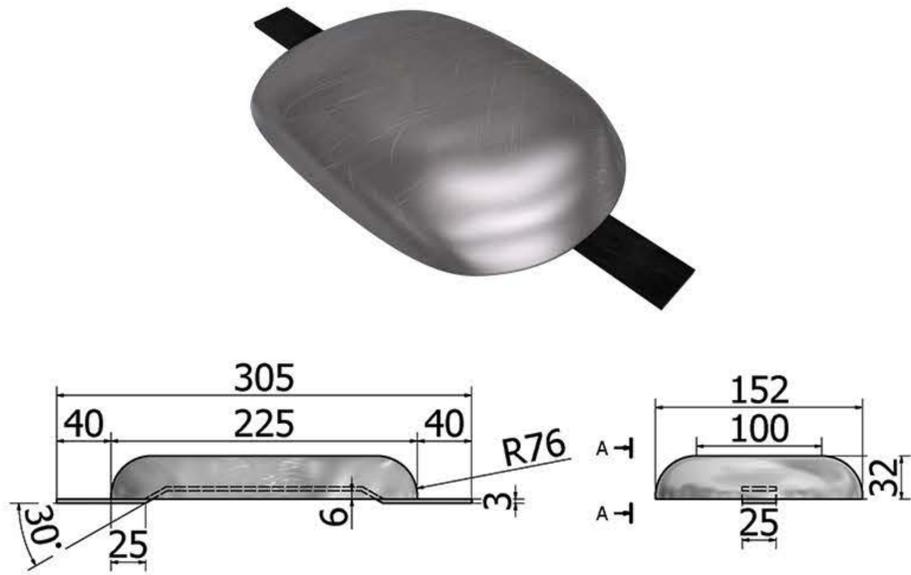
MH28ZS

2.8Kg NET / 3Kg GROSS
ZINC WELD ON HULL ANODE

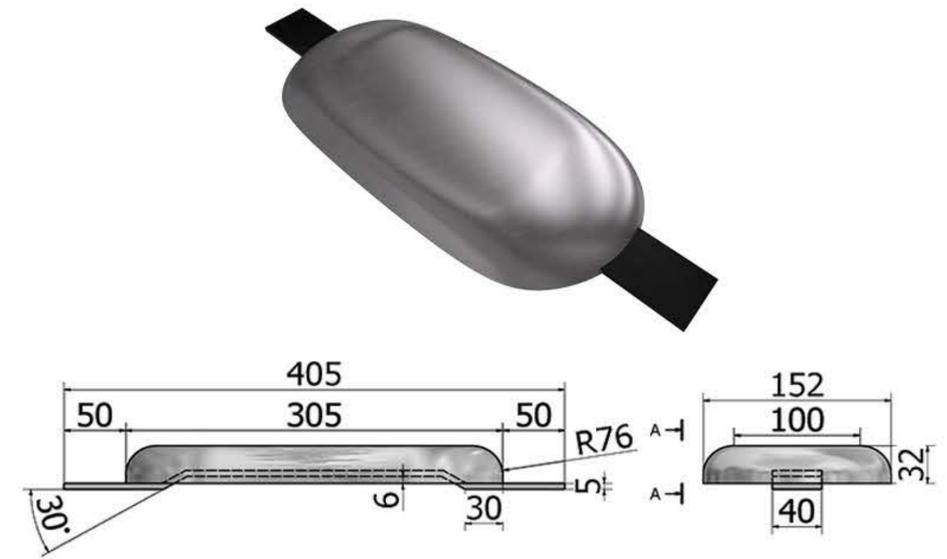


MH42Z

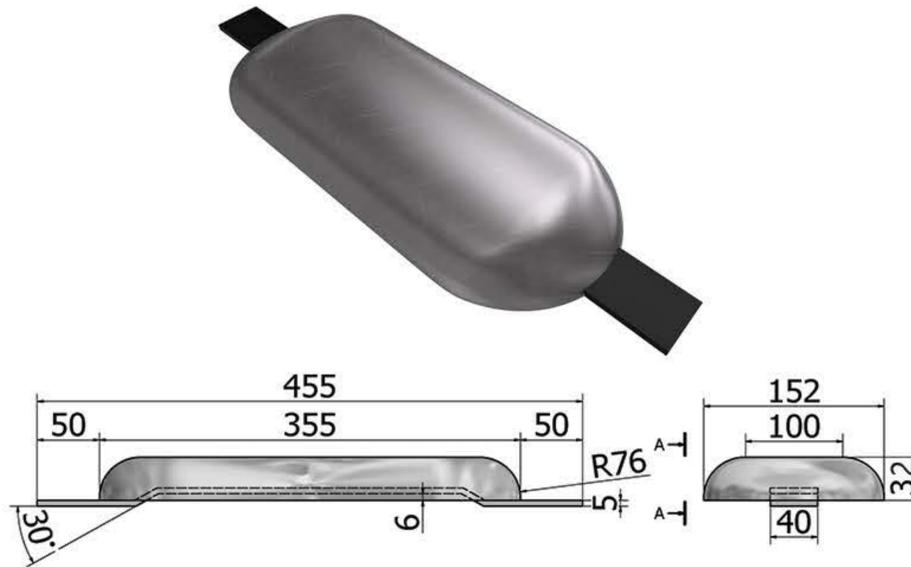
4.2Kg NET / 4.5Kg GROSS
ZINC WELD ON HULL ANODE



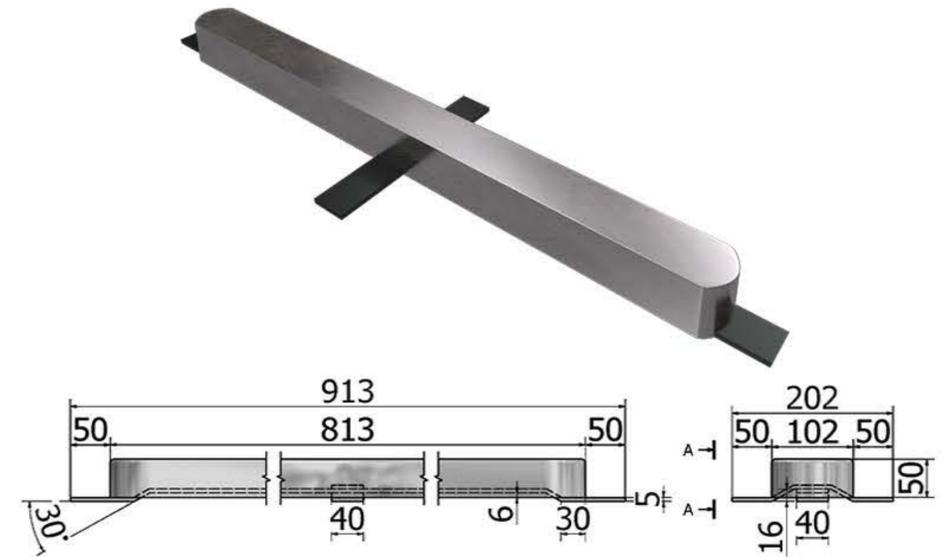
MH58Z
5.8Kg NET / 6Kg GROSS
ZINC WELD ON HULL ANODE



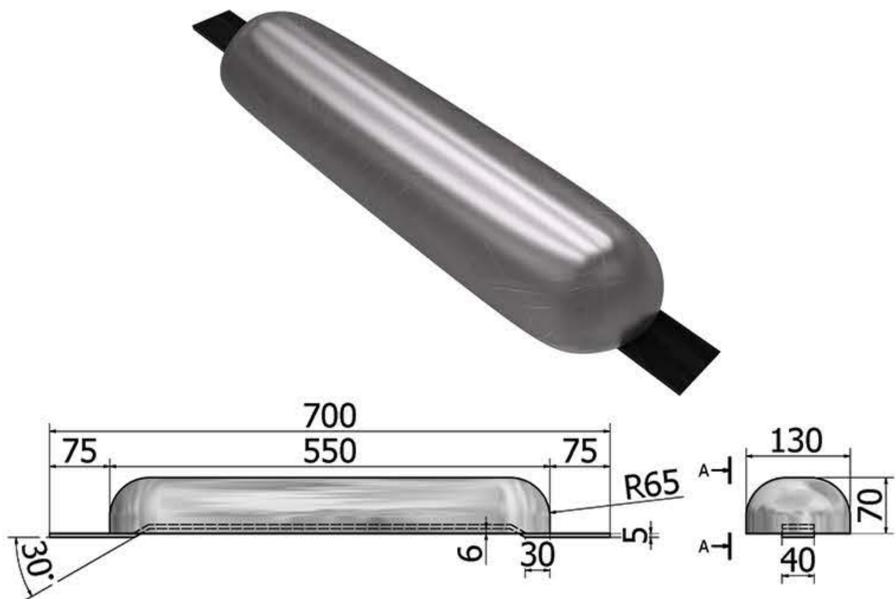
MH73Z
7.3Kg NET / 8Kg GROSS
ZINC WELD ON HULL ANODE



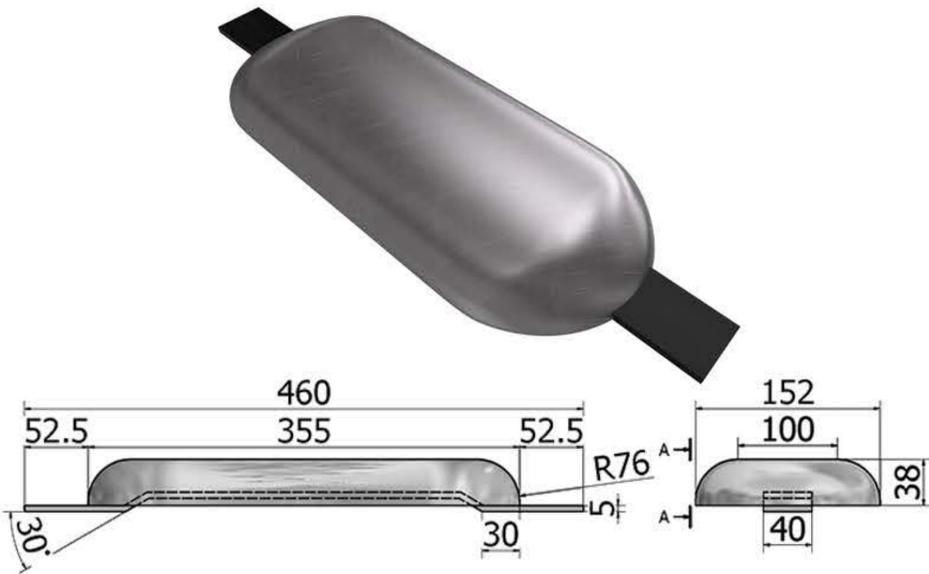
MH94Z
9.4Kg NET / 10Kg GROSS
ZINC WELD ON HULL ANODE



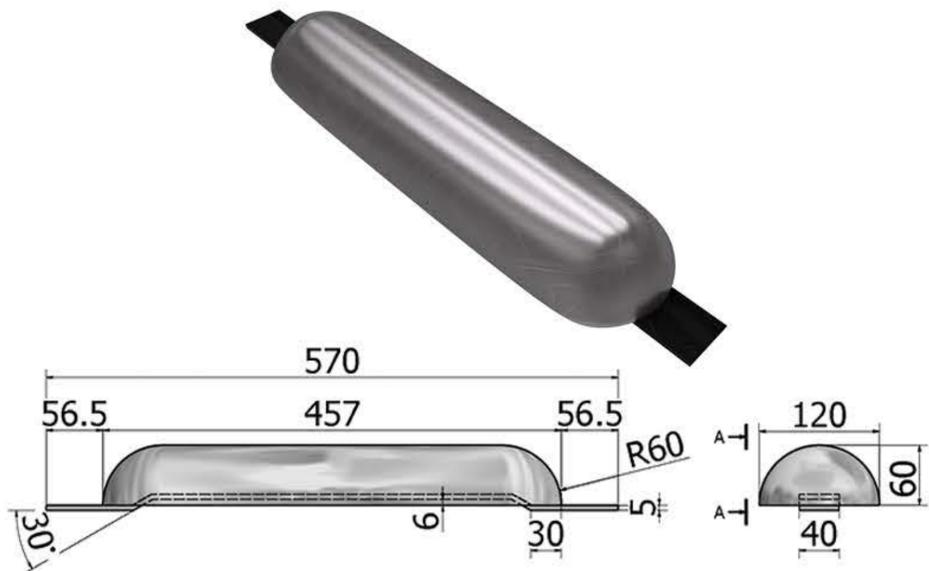
MH95Z C/W CROSS STRAPS
9.5Kg NET / 11Kg GROSS
ZINC WELD ON HULL ANODE



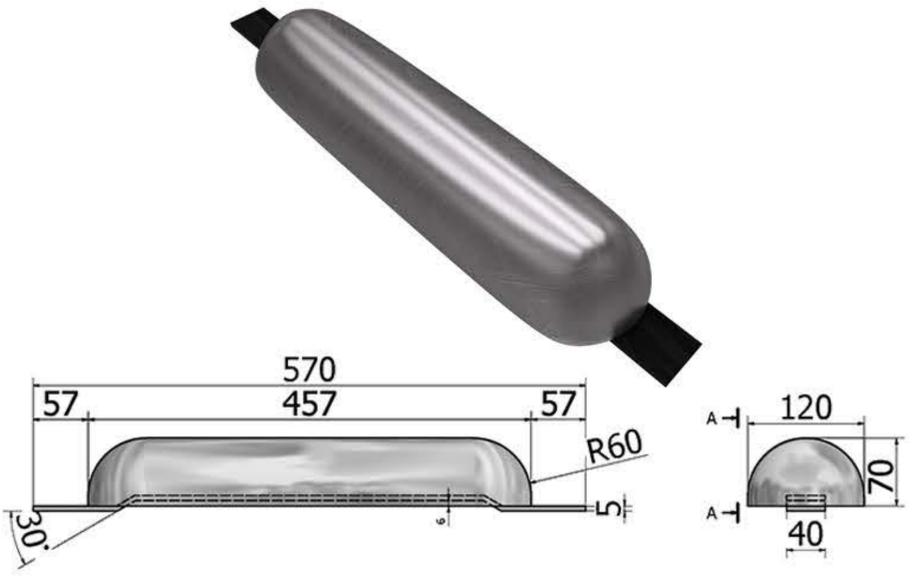
MH110Z
 11Kg NET / 12Kg GROSS
 ZINC WELD ON HULL ANODE



MH113Z
 13Kg NET / 12Kg GROSS
 ZINC WELD ON HULL ANODE



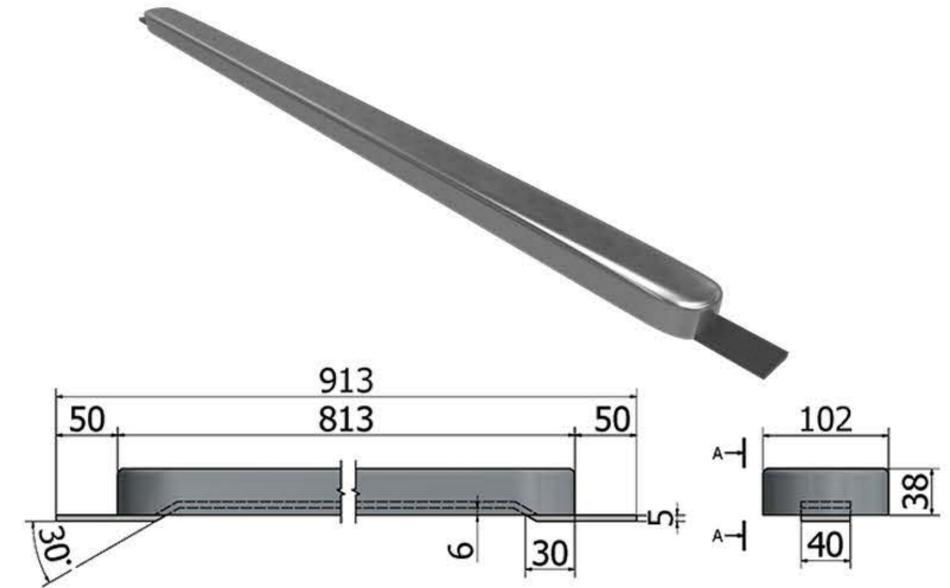
MH130Z
 13Kg NET / 14Kg GROSS
 ZINC WELD ON HULL ANODE



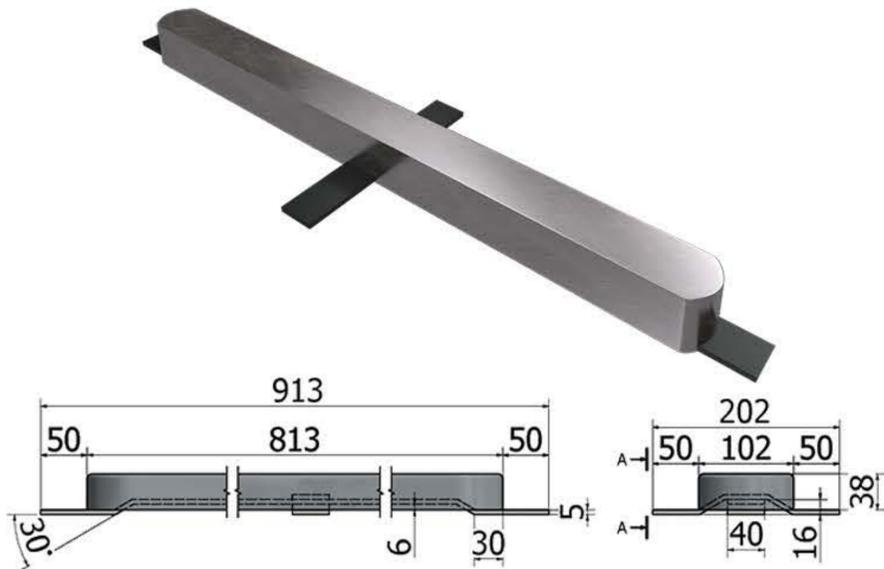
MH140Z
 14Kg NET / 15Kg GROSS
 ZINC WELD ON HULL ANODE



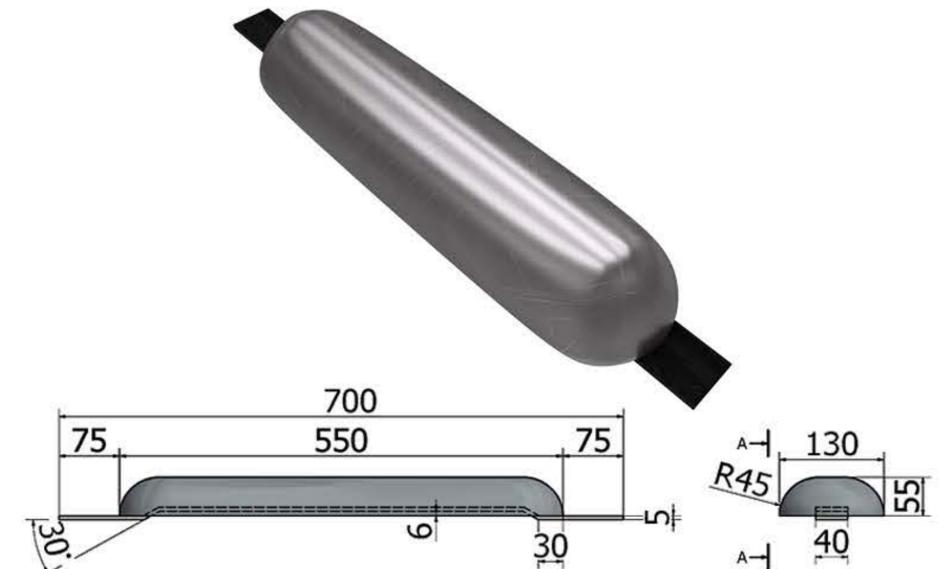
MH155Z
 15.5Kg NET / 16.4Kg GROSS
 ZINC WELD ON HULL ANODE



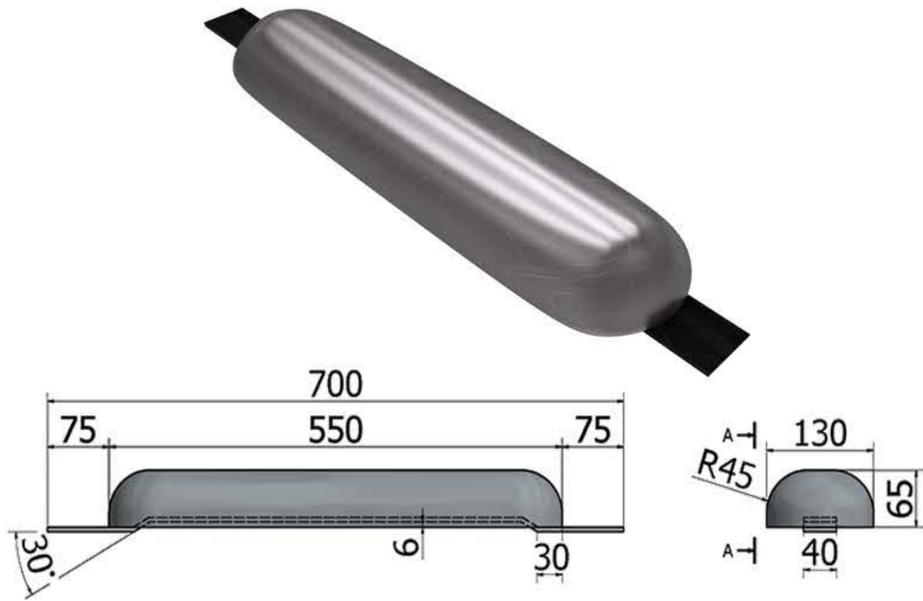
MH180Z
 18Kg NET / 19.5Kg GROSS
 ZINC WELD ON HULL ANODE



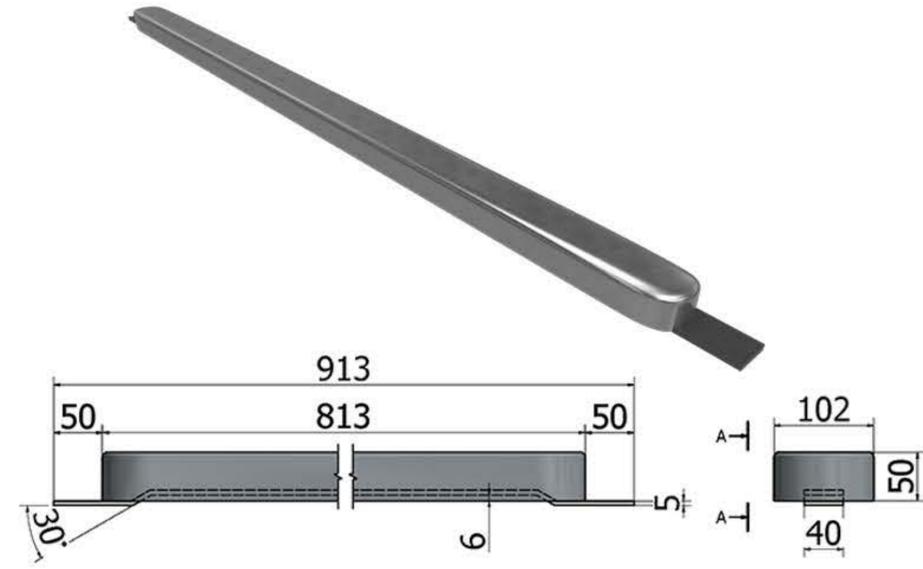
MH180Z C/W CROSS STRAPS
 18Kg NET / 20Kg GROSS
 ZINC WELD ON HULL ANODE



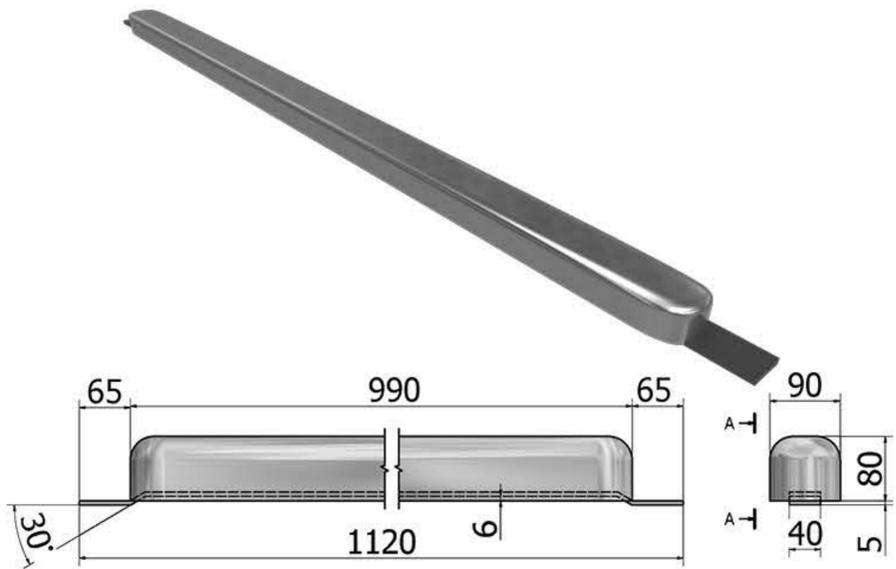
MH190Z
 19Kg NET / 20Kg GROSS
 ZINC WELD ON HULL ANODE



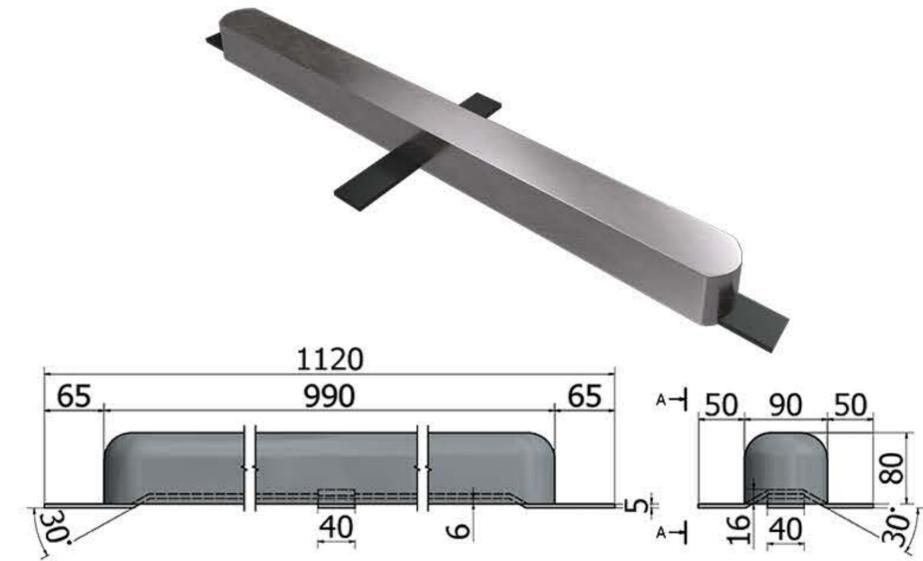
MH240Z
 24Kg NET / 25Kg GROSS
 ZINC WELD ON HULL ANODE



MH250Z
 25Kg NET / 26.7Kg GROSS
 ZINC WELD ON HULL ANODE



MH480Z
 48Kg NET / 49.7Kg GROSS
 ZINC WELD ON HULL ANODE



MH480Z C/W CROSS STRAPS
 48Kg NET / 50Kg GROSS
 ZINC WELD ON HULL ANODE

ALUMINIUM WELD ON ANODES

Metec have one of the largest and diverse mould selections available covering all standard weld on hull anodes as well as adaptable mould tooling ensuring we can meet any client demand for weight, shape or size as well as ensuring flexibility of core extension for compatibility to any pre existing doubler pads. Inserts can be provided in mild steel, stainless steel or any other material you may require for structure compatibility.

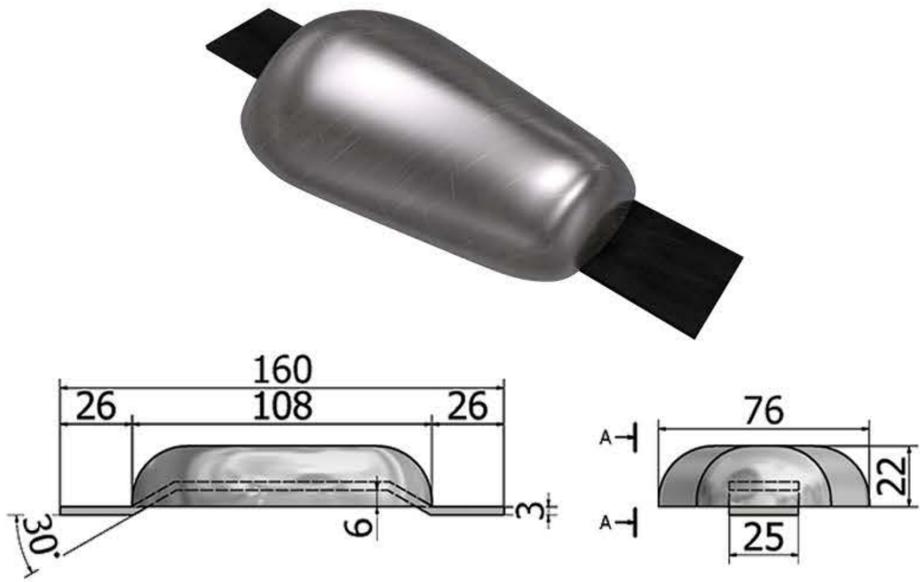
We hold over 30 tonnes of standard stock aluminium hull anodes and with Europe's largest Galvanic Anode Foundry this ensures complete flexibility for our clients most challenging demands. Our experienced Marine and Corrosion Engineering Team are able to design, develop and deliver the most effective Cathodic Protection Systems on the market ensuring costs and lead times are reduced.

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ALUMINIUM TYPICAL HULL ANODE ALLOY COMPOSITION

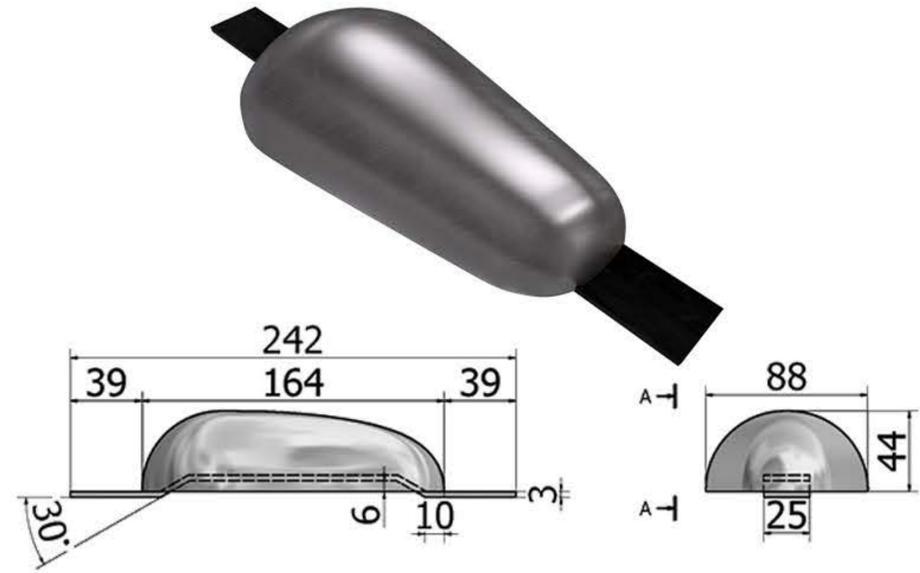
DNV		
Elements	Minimum %	Maximum %
Zn (Zinc)	2.500	5.750
In (Indium)	0.015	0.040
Si (Silicon)	0	0.120
Fe (Iron)	0	0.090
Cu (Copper)	0	0.003
Cd (Cadmium)	0	0.002

G3		
Elements	Minimum %	Maximum %
Zn (Zinc)	2.500	6.500
In (Indium)	0.010	0.200
Si (Silicon)	0.080	0.150
Fe (Iron)	0	0.120
Cu (Copper)	0	0.006
Others	0	0.020
Al (Aluminium)	Remainder	



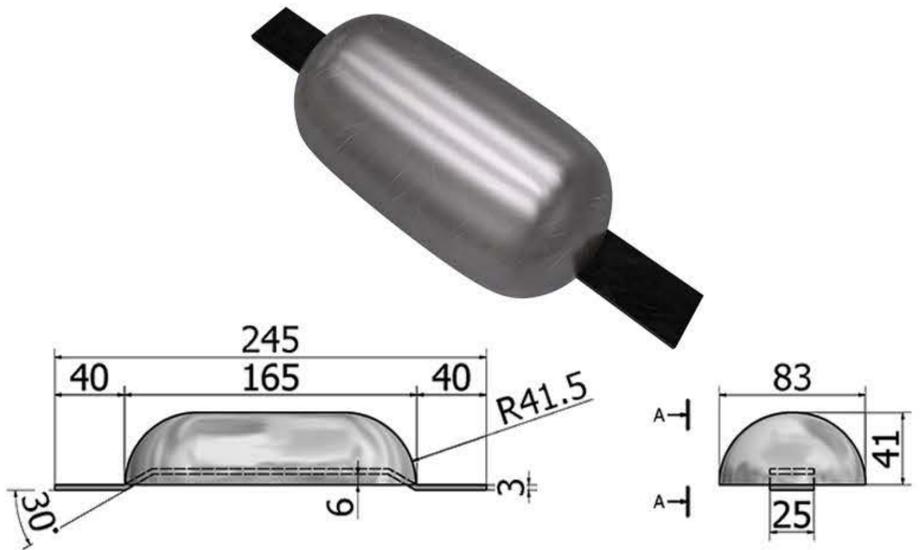
MH3A

0.3Kg NET / 0.4Kg GROSS
ALUMINIUM WELD ON HULL ANODE



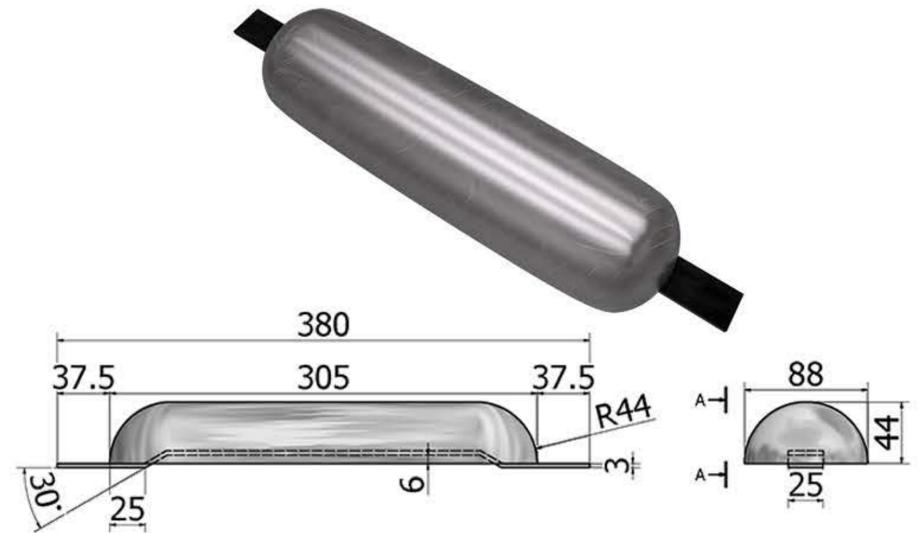
MH8A

0.8Kg NET / 1Kg GROSS
ALUMINIUM WELD ON HULL ANODE



MH11A

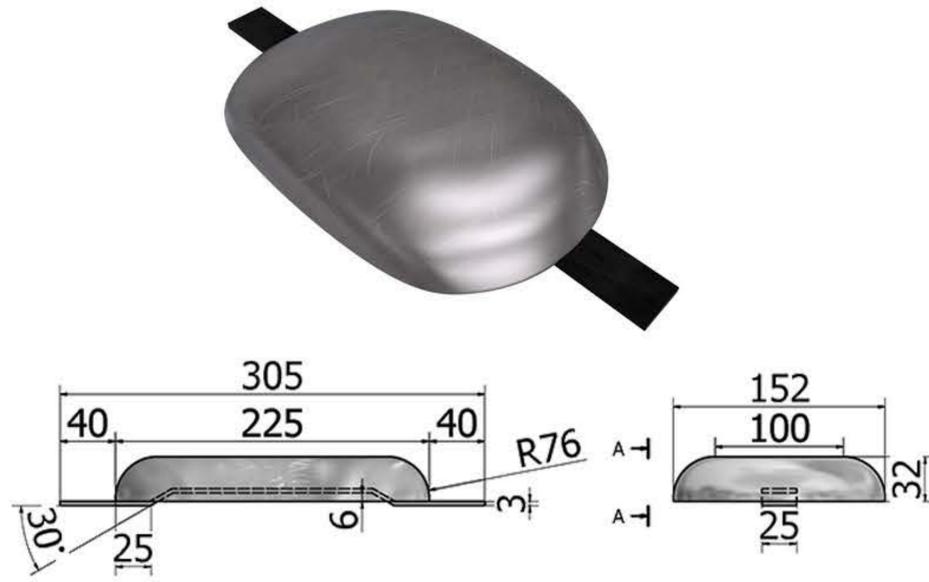
1.1Kg NET / 1.3Kg GROSS
ALUMINIUM WELD ON HULL ANODE



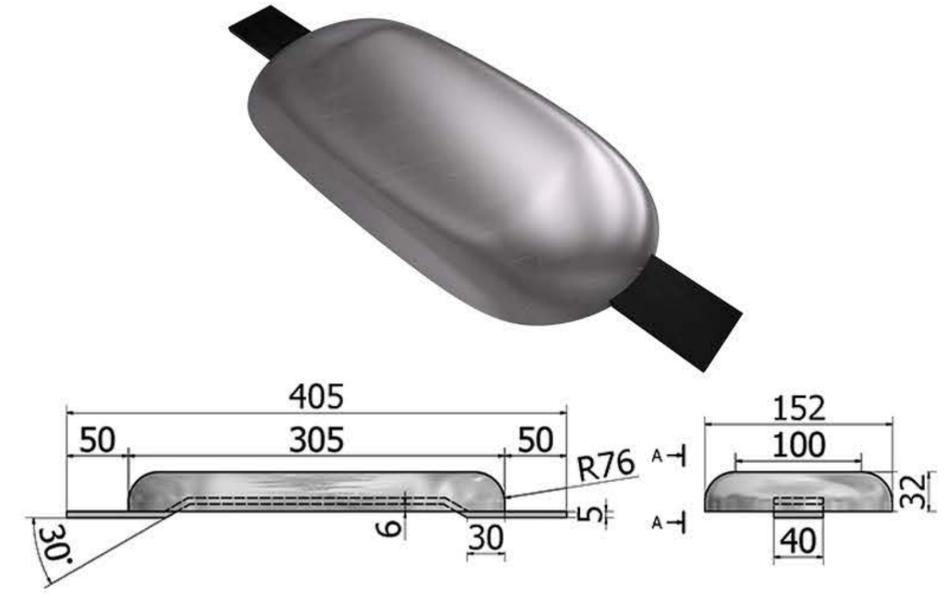
MH18A

1.8Kg NET / 2Kg GROSS
ALUMINIUM WELD ON HULL ANODE

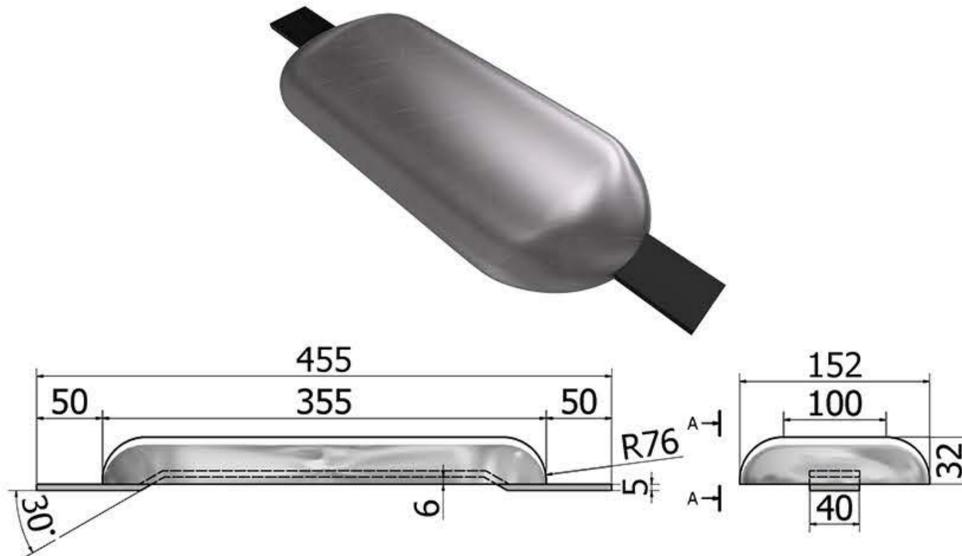
ALUMINIUM WELD ON ANODES



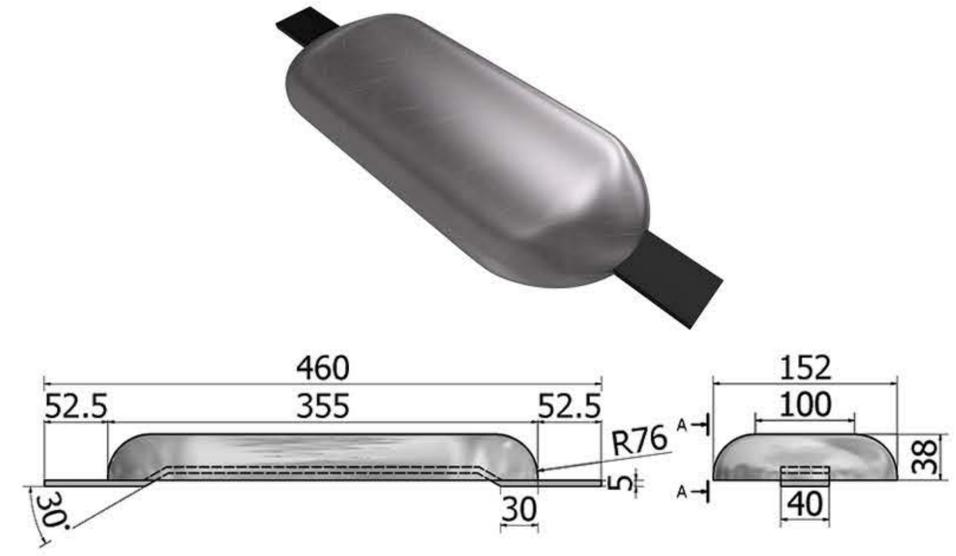
MH25A
2.5Kg NET / 2.8Kg GROSS
ALUMINIUM WELD ON HULL ANODE



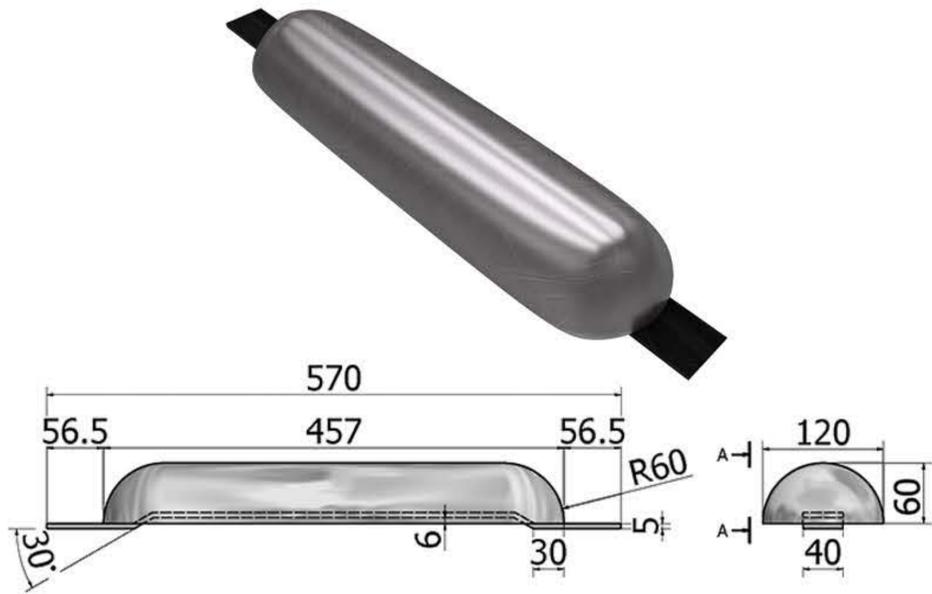
MH30A
3Kg NET / 3.5Kg GROSS
ALUMINIUM WELD ON HULL ANODE



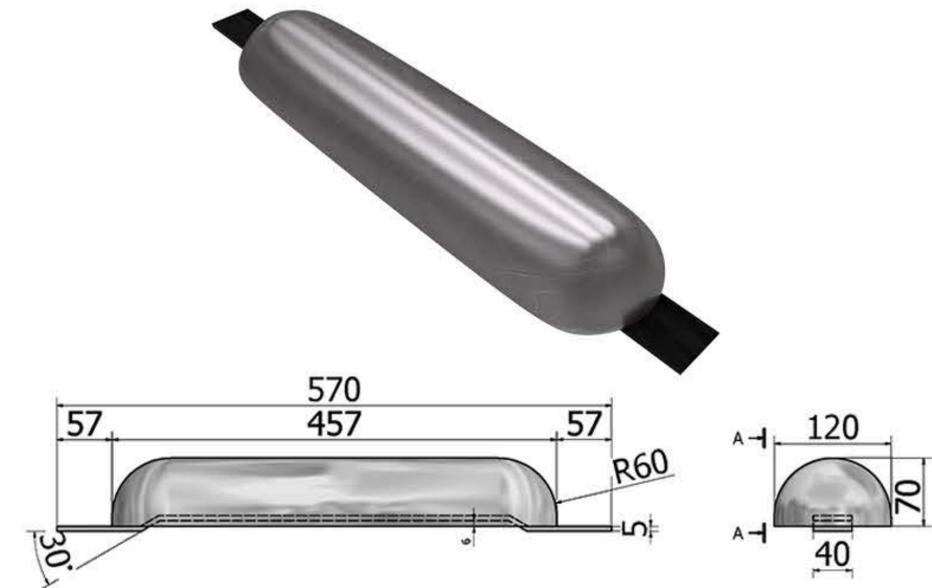
MH40A
4Kg NET / 4.5Kg GROSS
ALUMINIUM WELD ON HULL ANODE



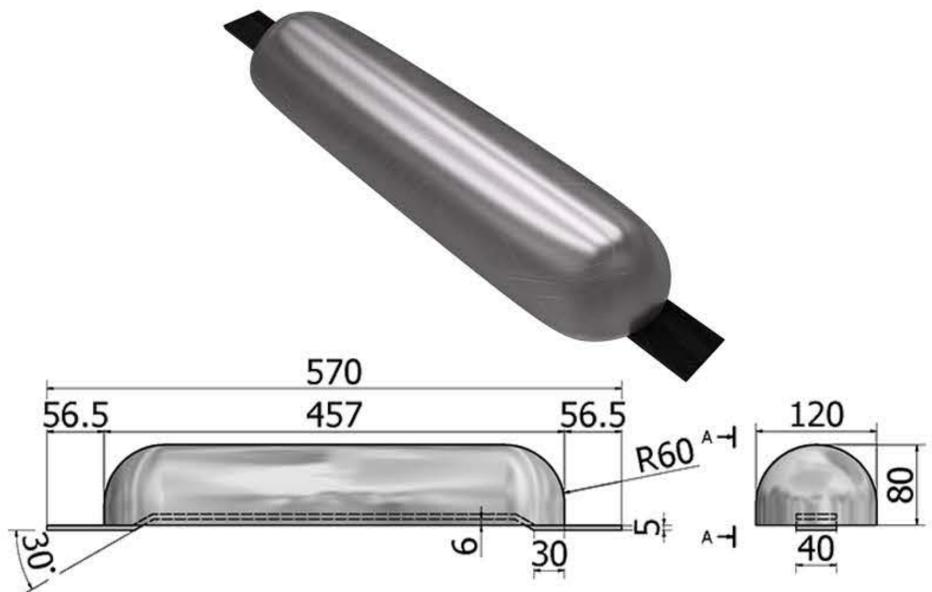
MH45A
4.5Kg NET / 5.2Kg GROSS
ALUMINIUM WELD ON HULL ANODE



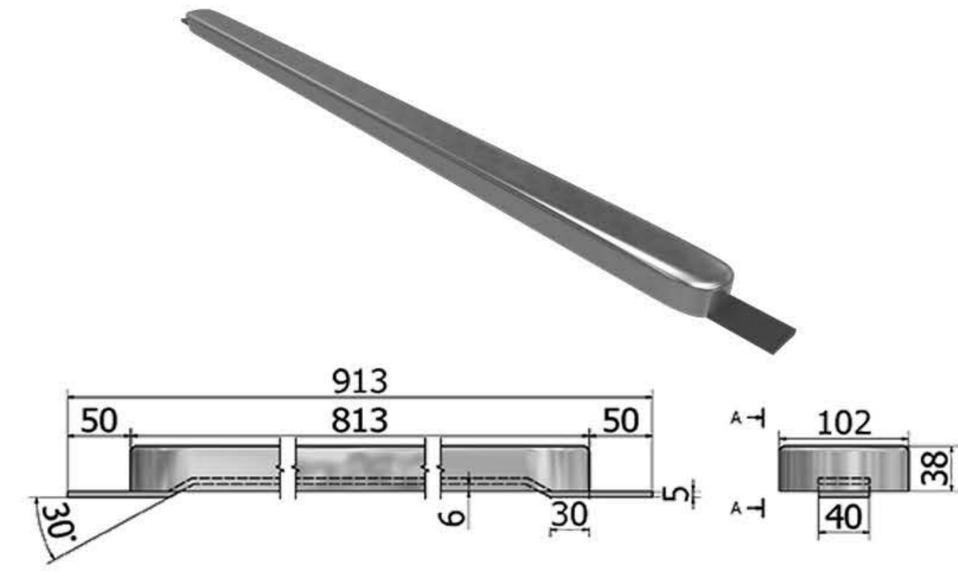
MH50A
 5Kg NET / 6Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



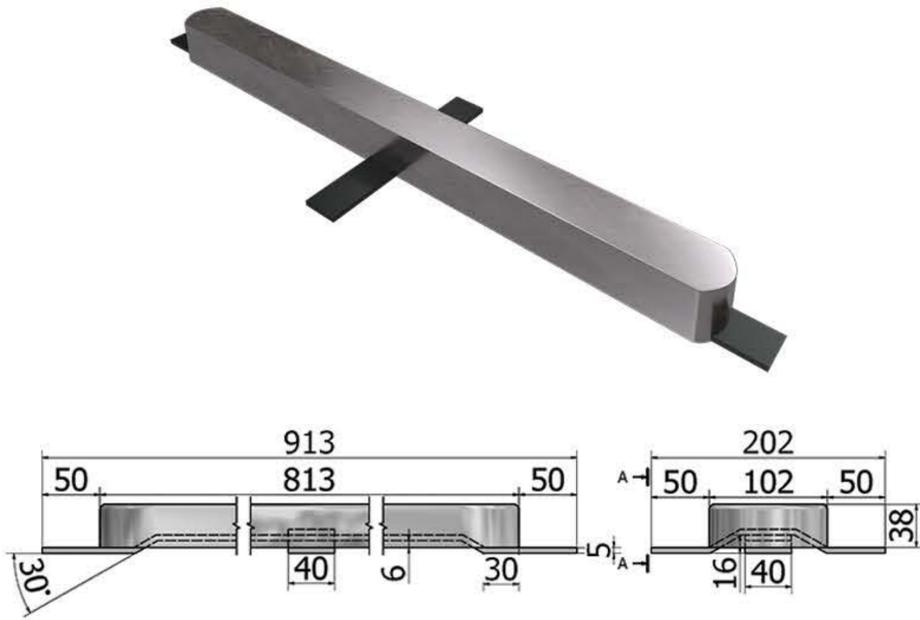
MH56A
 5.6Kg NET / 6.5Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



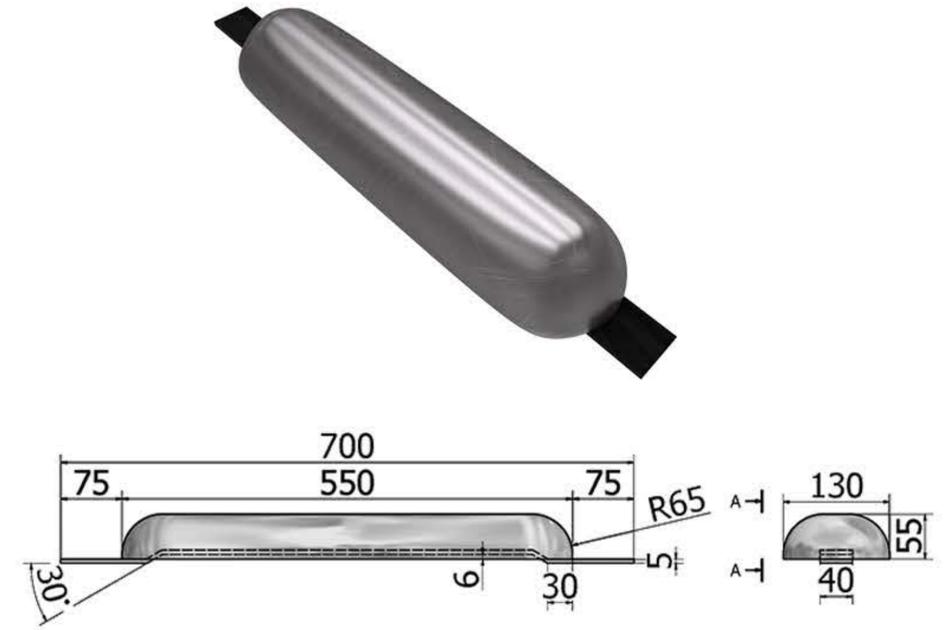
MH60A
 6Kg NET / 7Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



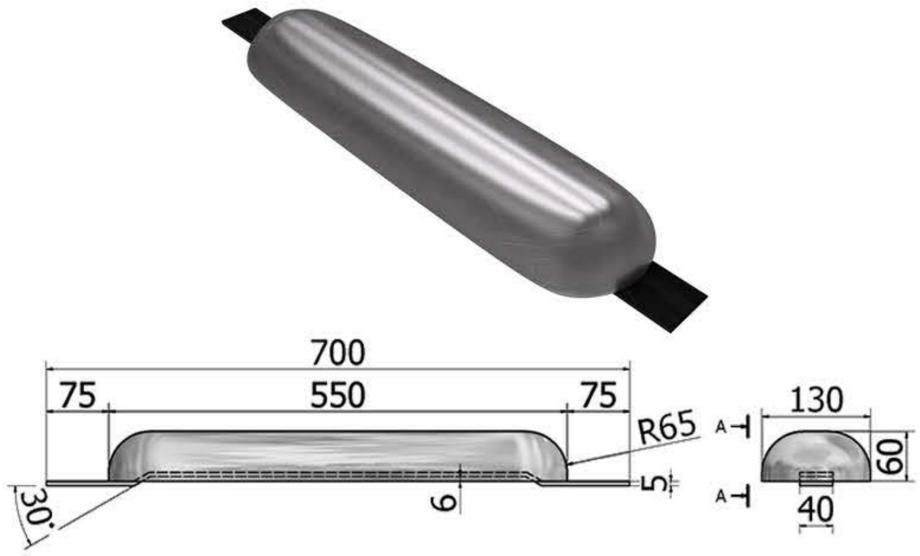
MH70A-1
 7Kg NET / 8Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



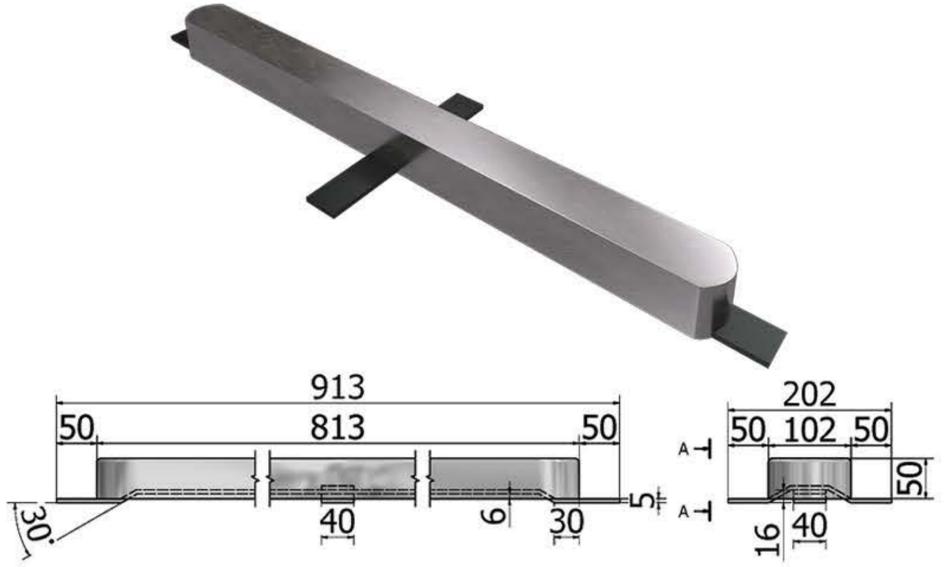
MH70A C/W CROSS STRAPS
 7Kg NET / 8.8Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



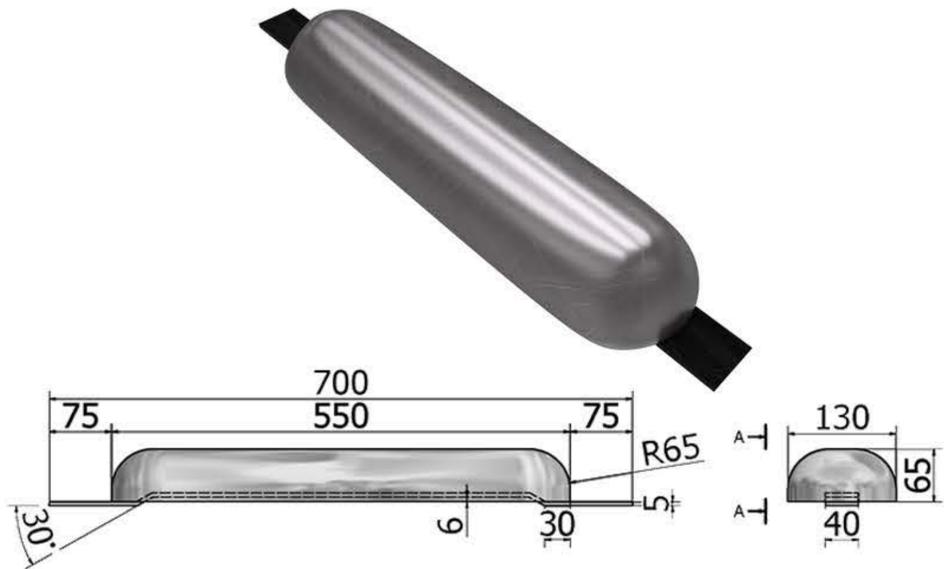
MH80A
 8Kg NET / 9Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



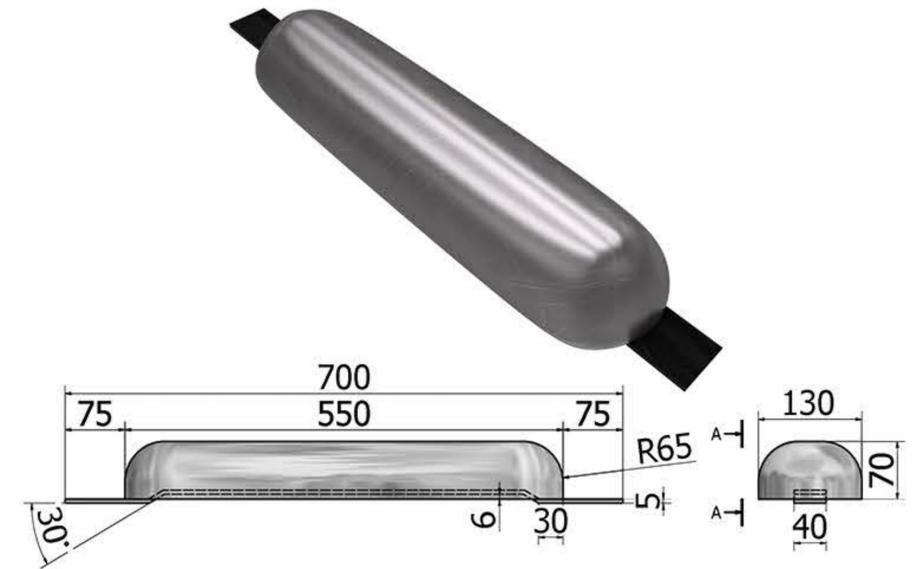
MH90A
 9Kg NET / 10Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



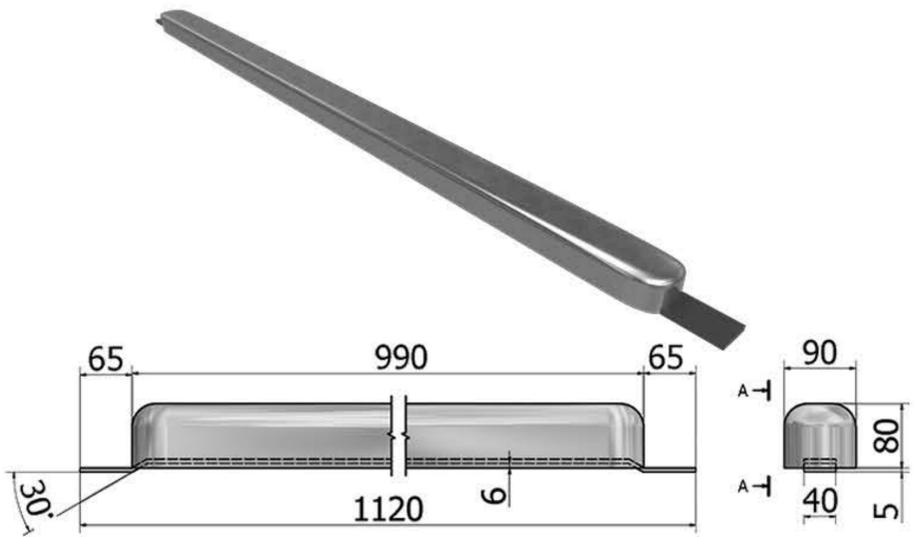
MH95A C/W CROSS STRAPS
 9.5Kg NET / 11Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



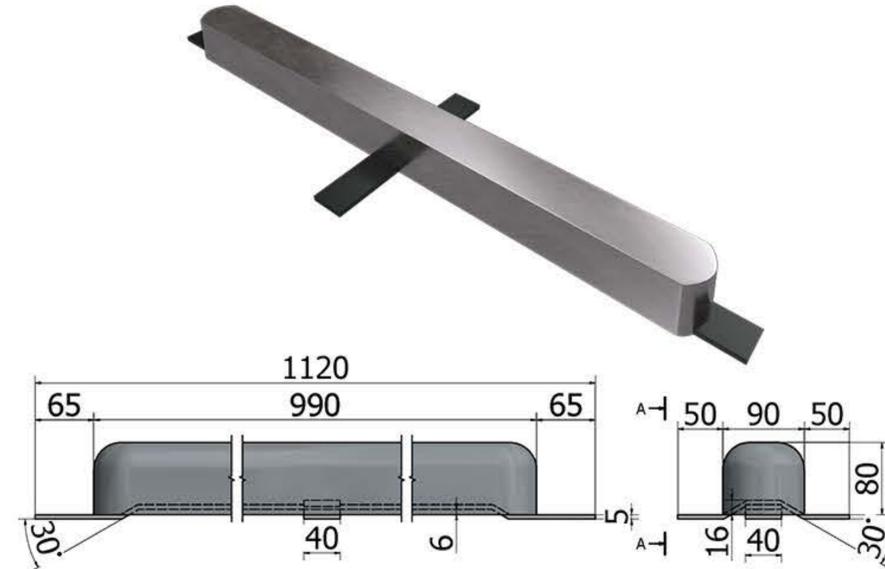
MH100A
 10Kg NET / 11Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



M110A
 11Kg NET / 12Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



MH190A
 19Kg NET / 20.5Kg GROSS
 ALUMINIUM WELD ON HULL ANODE



MH190A C/W CROSS STRAPS
 19Kg NET / 21Kg GROSS
 ALUMINIUM WELD ON HULL ANODE

ZINC BOLT ON ANODES

Metec have one of the largest and diverse mould selections available covering all standard bolt on hull anodes as well as adaptable mould tooling ensuring we can meet any client demand for weight, shape or size as well as ensuring flexibility of required fixing centres and or stud size to meet any requirement for existing installation studs.

Inserts can be provided in mild steel, stainless steel, hot dip galvanised/electroplated, aluminium or any other material you may require for structure compatibility.

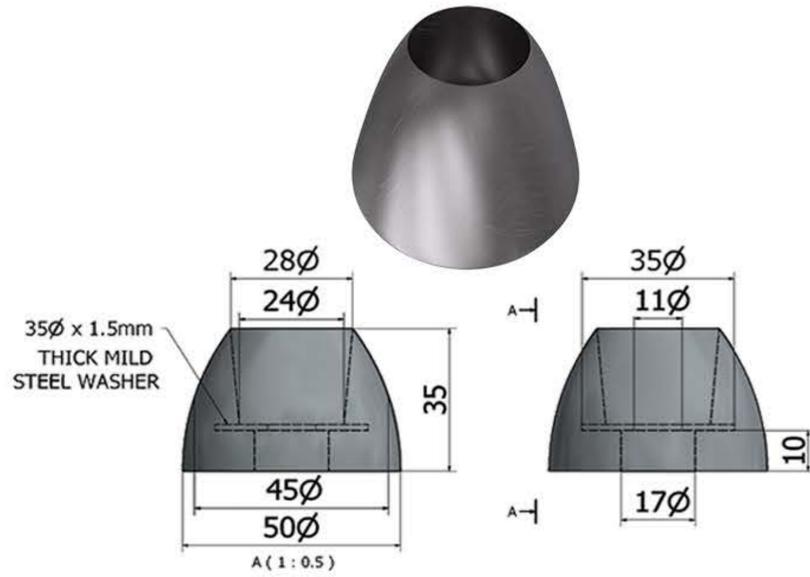
We hold over 50 tonnes of standard stock Zinc bolt on hull anodes and with Europe's largest Galvanic Anode Foundry this ensures complete flexibility for our clients most challenging demands. Our experienced Marine and Corrosion Engineering Team are able to design, develop and deliver the most effective Cathodic Protection Systems on the market ensuring costs and lead times are reduced.

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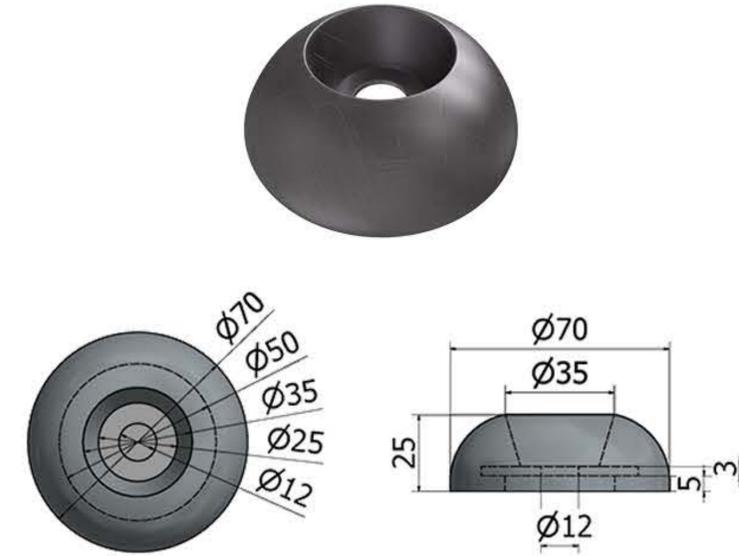
ZINC TYPICAL HULL ANODE ALLOY COMPOSITION

MIL-A-18001K		
Elements	Minimum %	Maximum %
Al (Aluminium)	0.100	0.500
Cd (Cadmium)	0.025	0.070
Fe (Iron)	0	0.005
Cu (Copper)	0	0.005
Pb (Lead)	0	0.006
Others	0	0.100
Zn (Zinc)	99.314	0

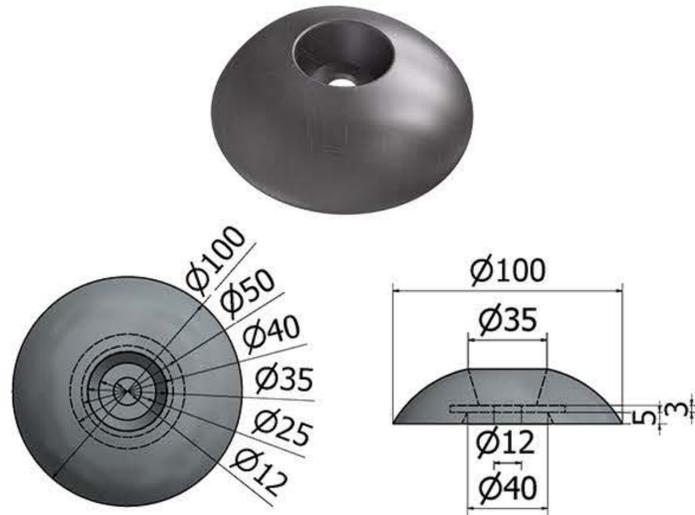




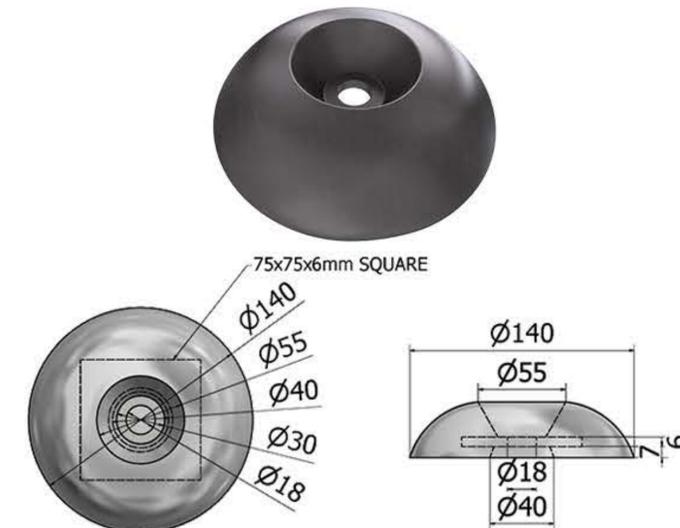
MD2.5Z
0.25Kg NET / 0.3Kg GROSS
ZINC DISC ANODE



MD4Z
0.4Kg NET / 0.8Kg GROSS
ZINC DISC ANODE

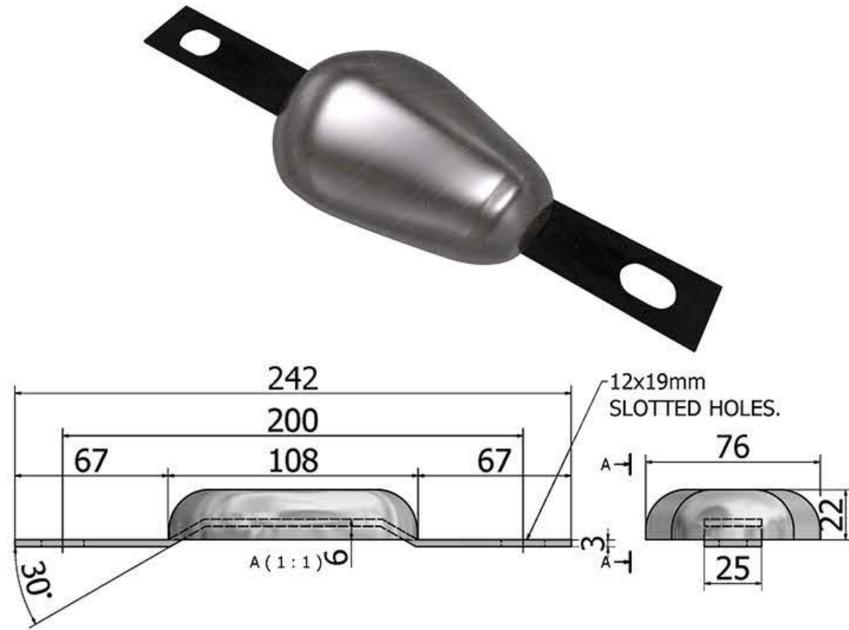


MD9Z
0.9Kg NET / 1Kg GROSS
ZINC DISC ANODE

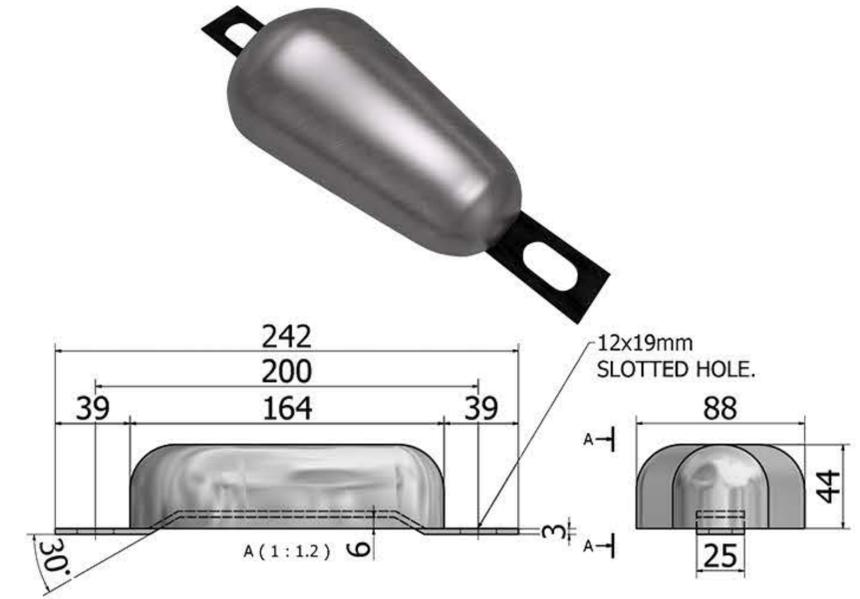


MD23Z
2.3Kg NET, / .5Kg GROSS
ZINC DISC ANODE

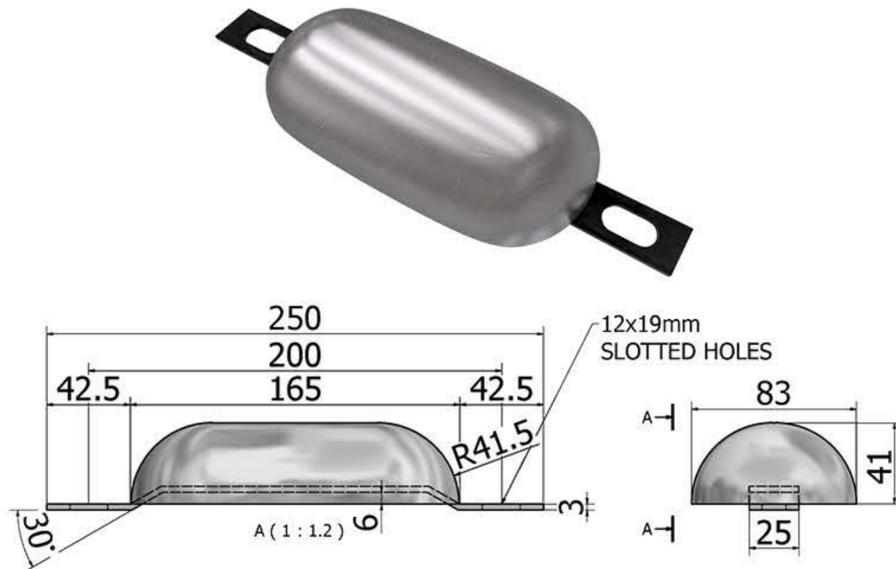
ZINC BOLT ON ANODES



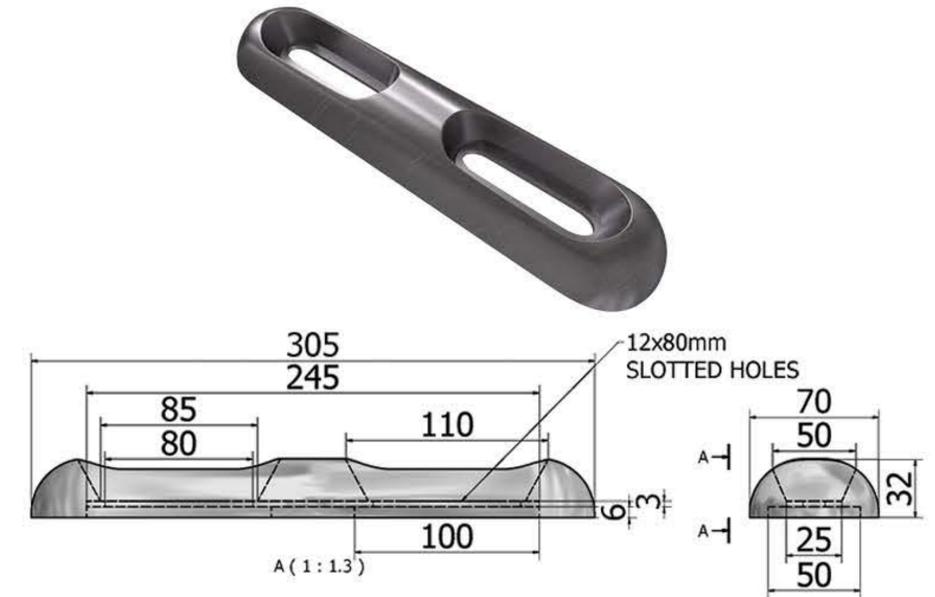
MH9ZS
0.9Kg NET / 1Kg GROSS
ZINC BOLT ON HULL ANODE



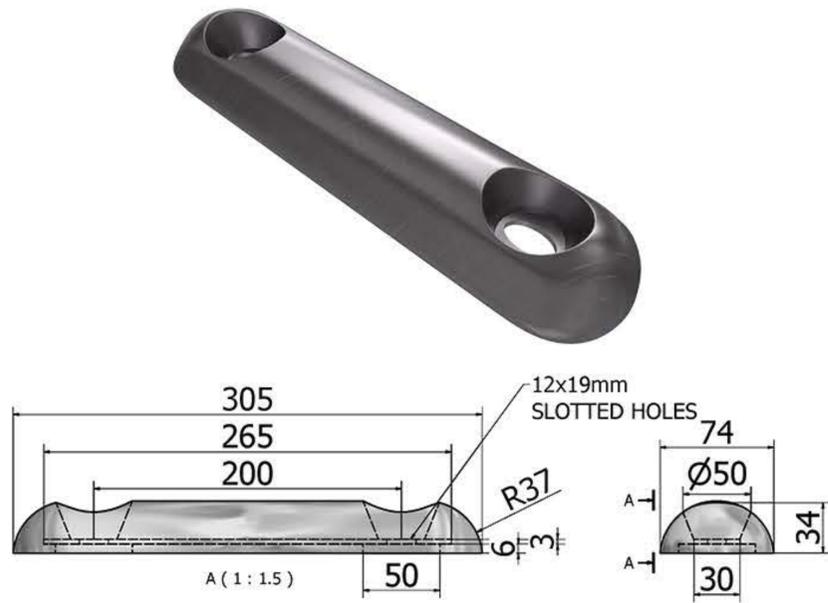
MH20ZS
2Kg NET / 2.1Kg GROSS
ZINC BOLT ON HULL ANODE



MH28ZS-1
2.8Kg NET / 3Kg GROSS
ZINC BOLT ON HULL ANODE



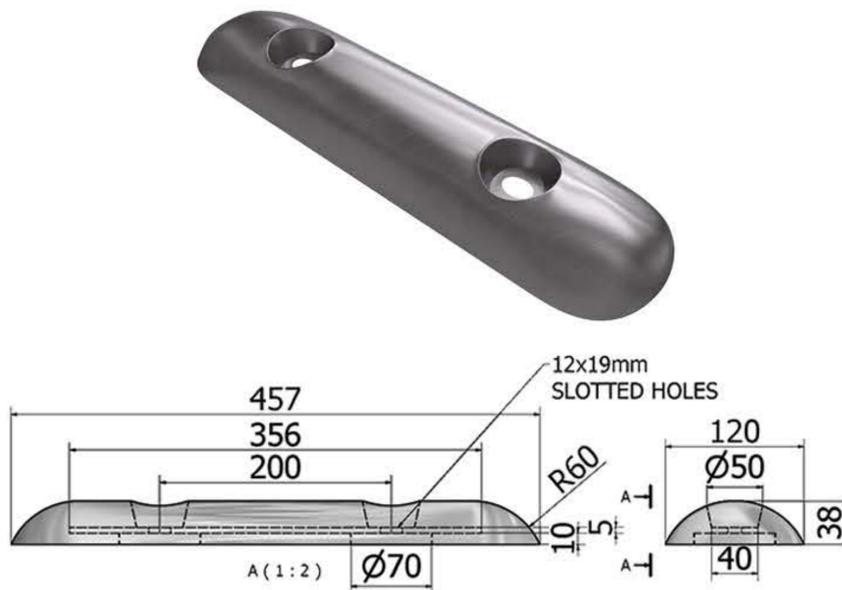
MH28ZS-2
2.8Kg NET / 3Kg GROSS
ZINC BOLT ON HULL ANODE



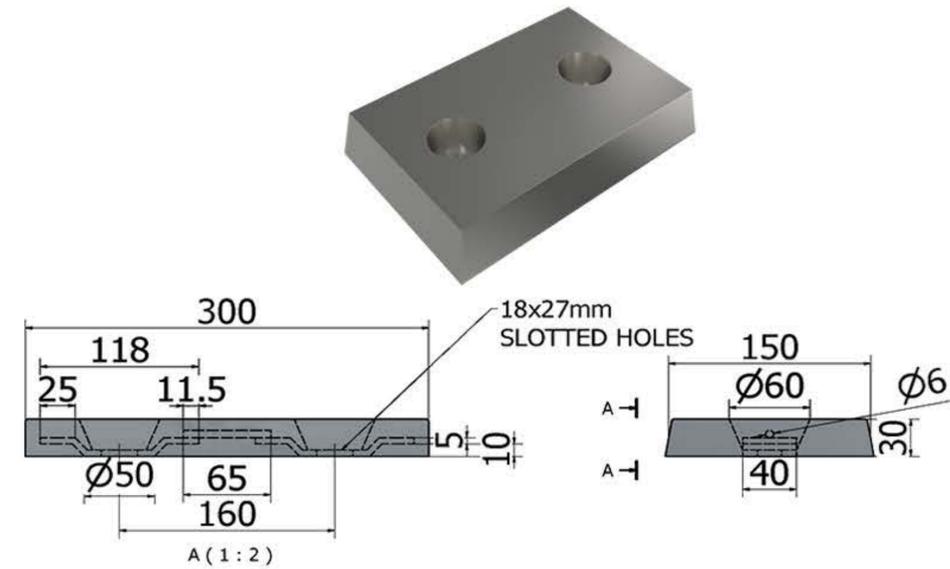
MH38ZS
 3.8Kg NET / 4Kg GROSS
 ZINC BOLT ON HULL ANODE



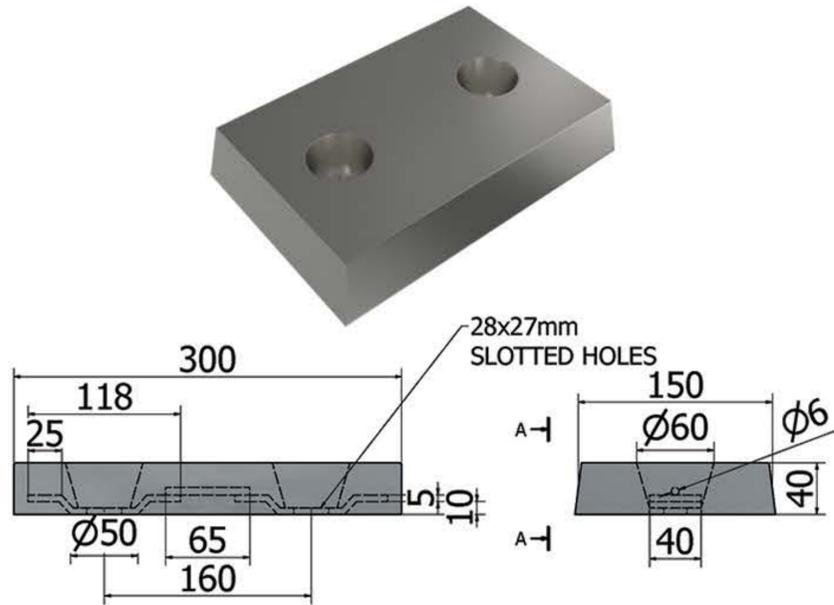
MH60ZS-1
 6Kg NET / 6.6Kg GROSS
 ZINC BOLT ON HULL ANODE



MH60ZS-2
 6Kg NET / 6.6Kg GROSS
 ZINC BOLT ON HULL ANODE



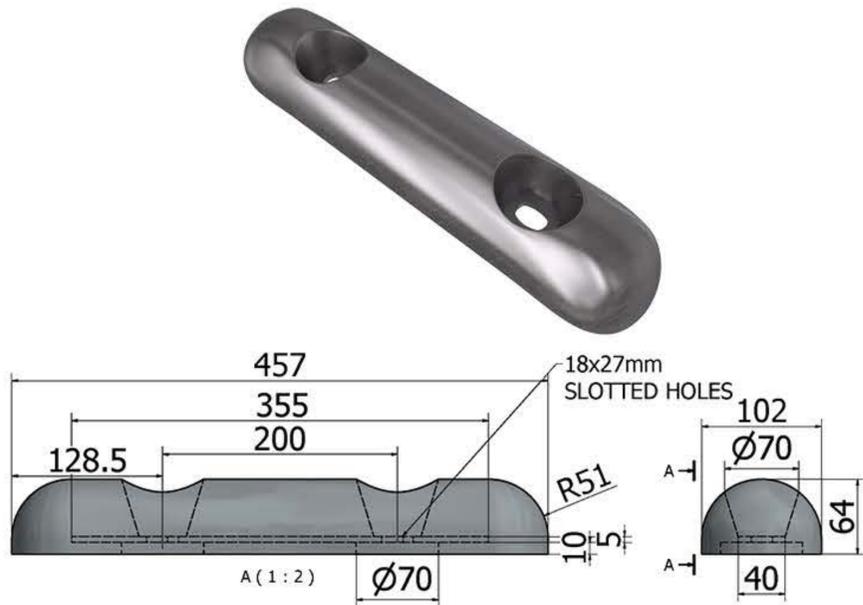
MH85ZS-CT
 8.5Kg NET / 9.2Kg GROSS
 ZINC BOLT ON HULL ANODE



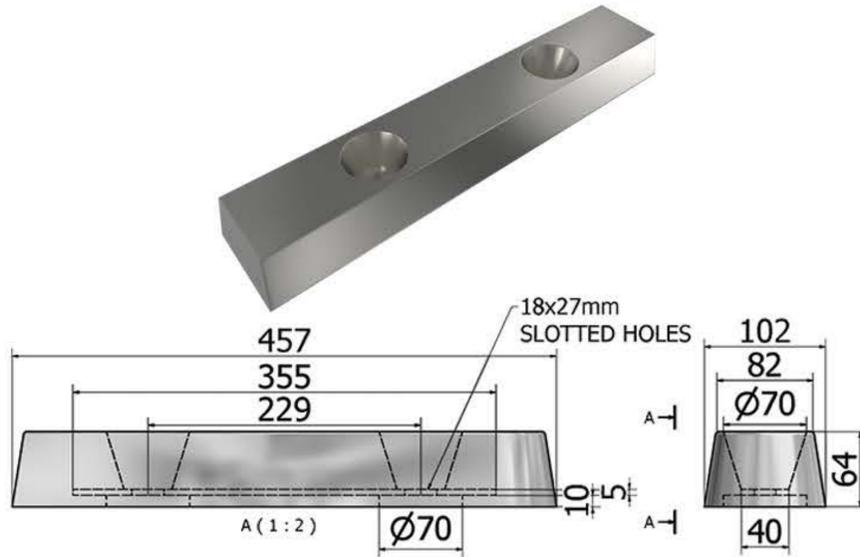
MH110ZS-CT
 11Kg NET / 12Kg GROSS
 ZINC BOLT ON HULL ANODE



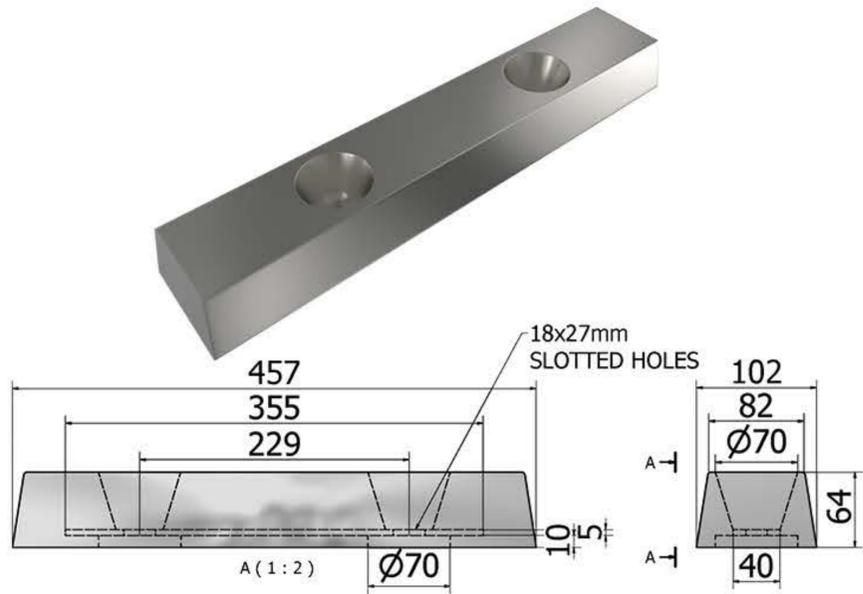
MH115ZS-1
 11.5Kg NET / 12Kg GROSS
 ZINC BOLT ON HULL ANODE



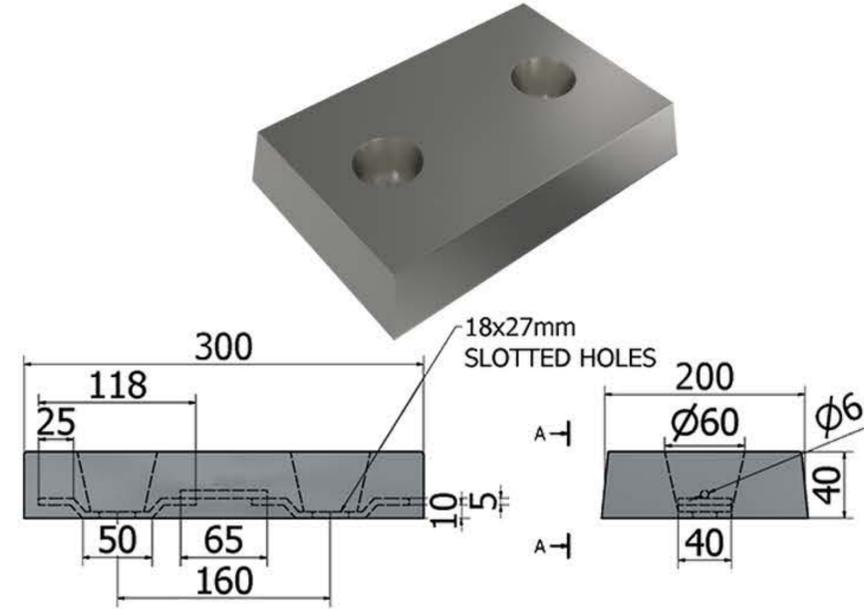
MH115ZS-2
 11.5Kg NET / 12Kg GROSS
 ZINC BOLT ON HULL ANODE



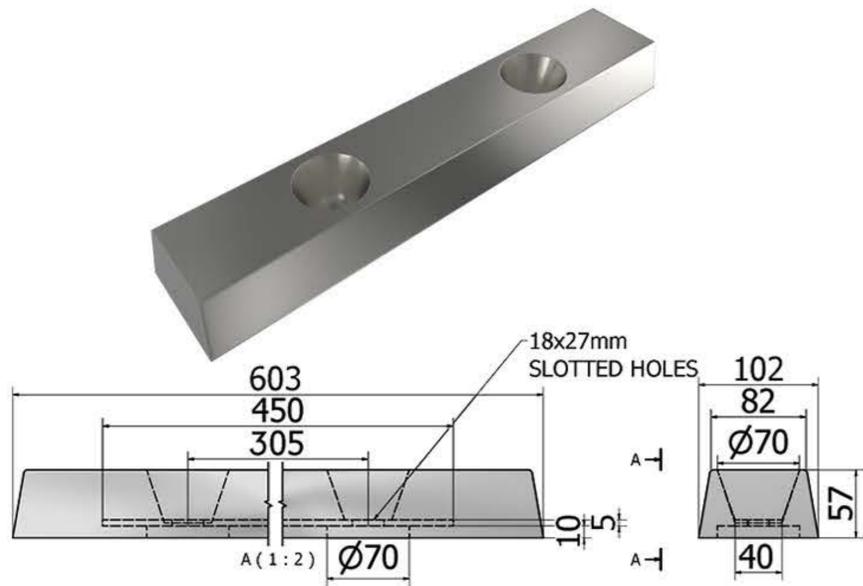
MH120ZS
 12Kg NET / 12.4Kg GROSS
 ZINC BOLT ON HULL ANODE



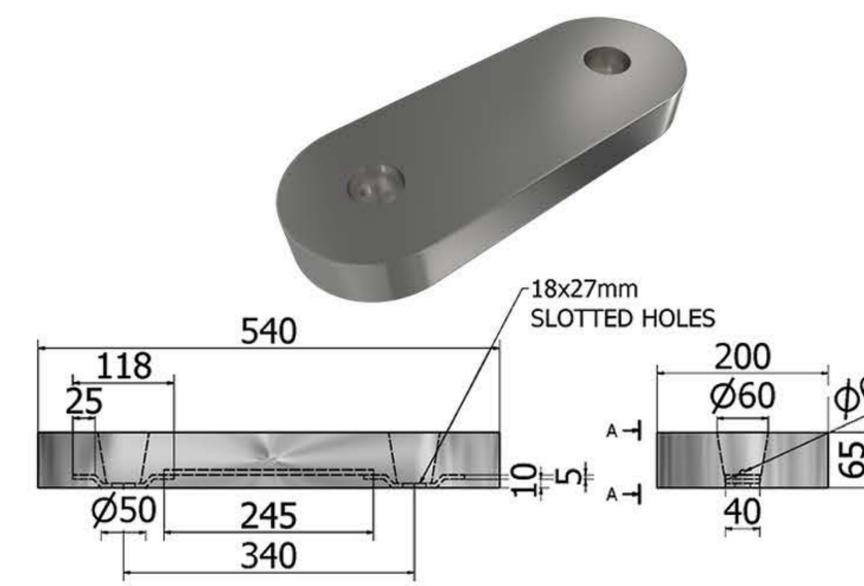
MH130ZS
 13Kg NET / 13.4Kg GROSS
 ZINC BOLT ON HULL ANODE



MH152ZS-CT
 15.2Kg NET / 16.2Kg GROSS
 ZINC BOLT ON HULL ANODE



MH193ZS
 19.3Kg NET / 20Kg GROSS
 ZINC BOLT ON HULL ANODE



MH436ZS
 43.6Kg NET / 44.1Kg GROSS
 ZINC BOLT ON HULL ANODE

ALUMINIUM BOLT ON ANODES

Metec have one of the largest and diverse mould selections available covering all standard bolt on hull anodes as well as adaptable mould tooling ensuring we can meet any client demand for weight, shape or size as well as ensuring flexibility of required fixing centres and or stud size to meet any requirement for existing installation studs. Inserts can be provided in mild steel, stainless steel or any other material you may require for structure compatibility.

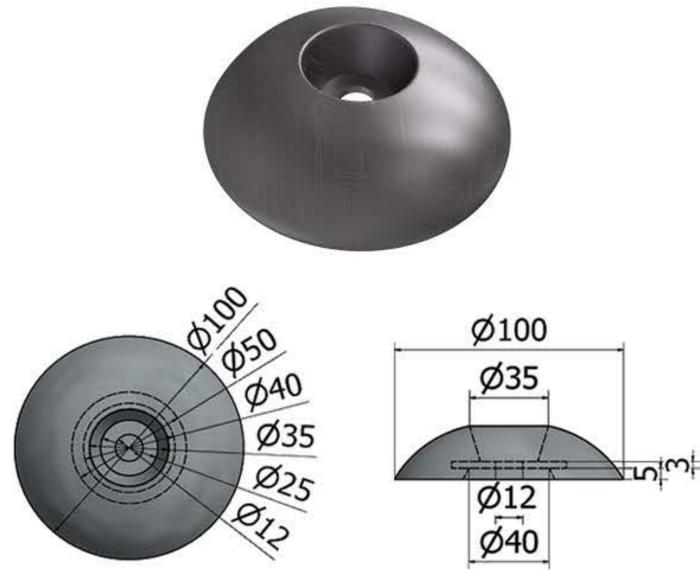
We hold over 30 tonnes of standard stock aluminium bolt on hull anodes and with Europe's largest Galvanic Anode Foundry this ensures complete flexibility for our clients most challenging demands. Our experienced Marine and Corrosion Engineering Team are able to design, develop and deliver the most effective Cathodic Protection Systems on the market ensuring costs and lead times are reduced.

We can produce hull anodes to any specific alloy composition requirement to ensure the correct and most efficient anode selection is made for our clients application ensuring assets integrity is not compromised.

ALUMINIUM TYPICAL HULL ANODE ALLOY COMPOSITION

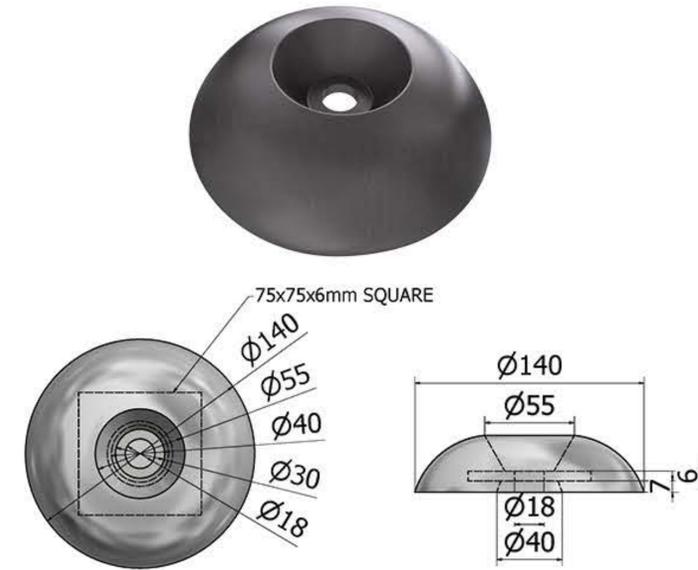
DNV		
Elements	Minimum %	Maximum %
Zn (Zinc)	2.500	5.750
In (Indium)	0.015	0.040
Si (Silicon)	0	0.120
Fe (Iron)	0	0.090
Cu (Copper)	0	0.003
Cd (Cadmium)	0	0.002

G3		
Elements	Minimum %	Maximum %
Zn (Zinc)	2.500	6.500
In (Indium)	0.010	0.200
Si (Silicon)	0.080	0.150
Fe (Iron)	0	0.120
Cu (Copper)	0	0.006
Others	0	0.020
Al (Aluminium)	Remainder	



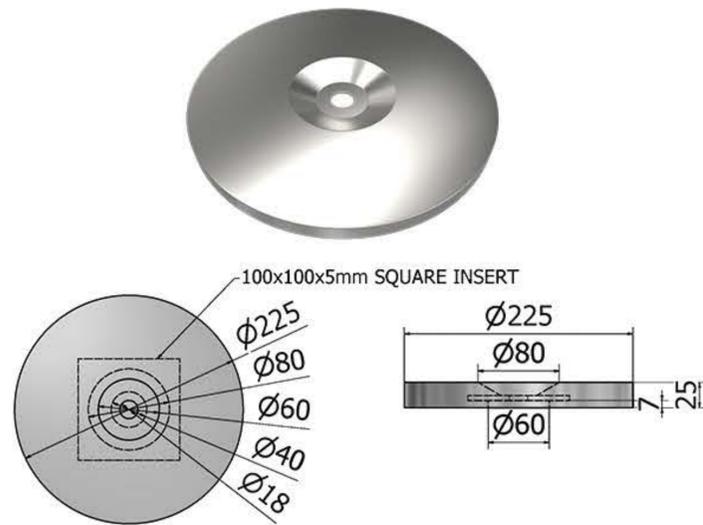
MD3A

0.3Kg NET / 0.4Kg GROSS
ALUMINIUM DISC ANODE



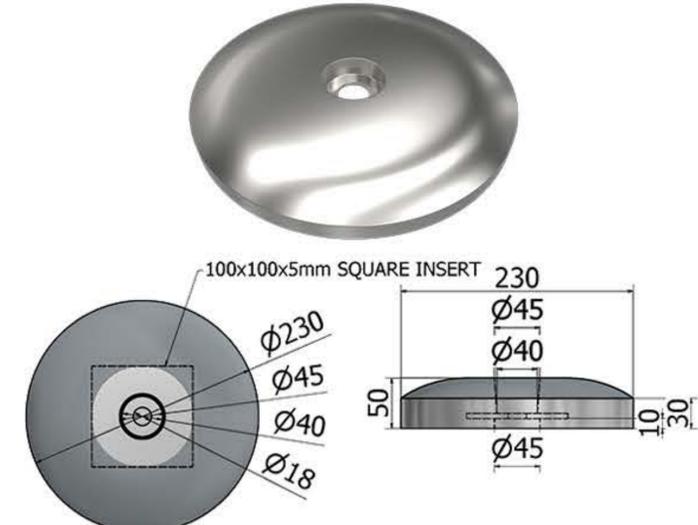
MD7A

0.7Kg NET / 0.8Kg GROSS
ALUMINIUM DISC ANODE



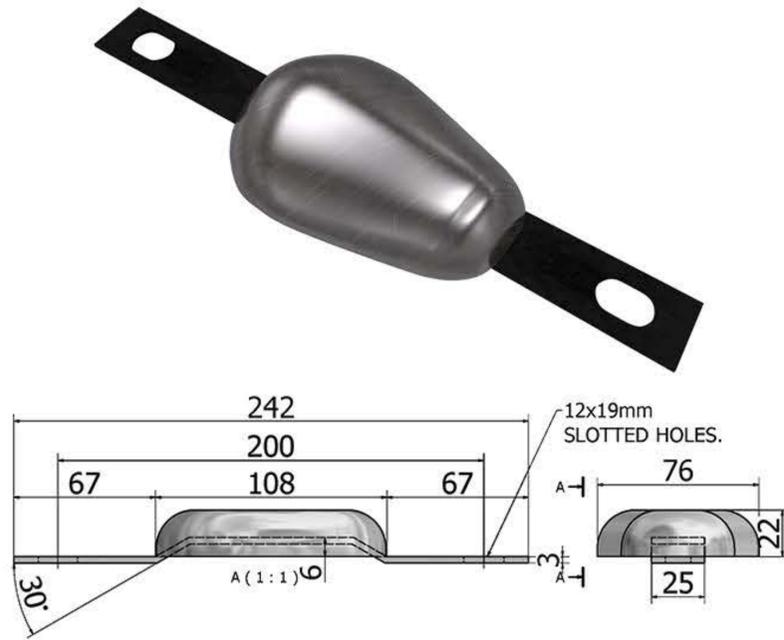
MD28A

2.8Kg NET / 3Kg GROSS
ALUMINIUM DISC ANODE

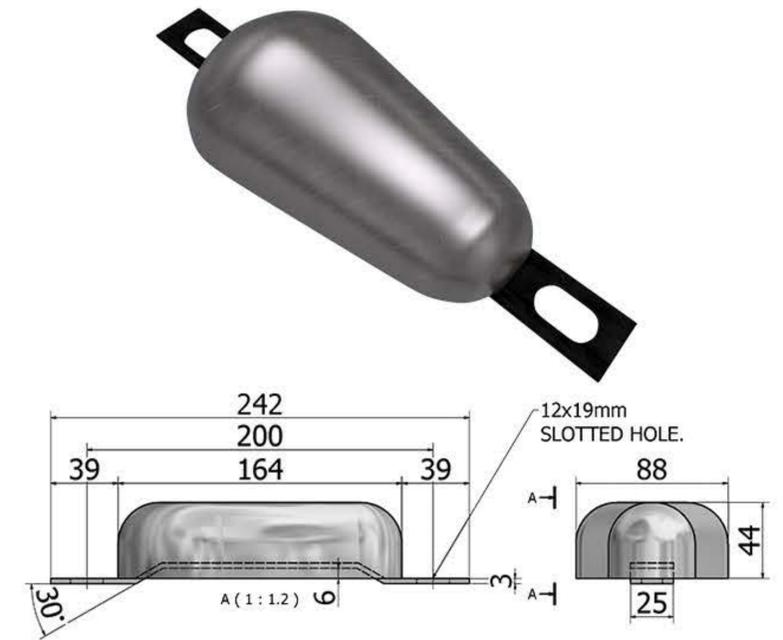


MD43A

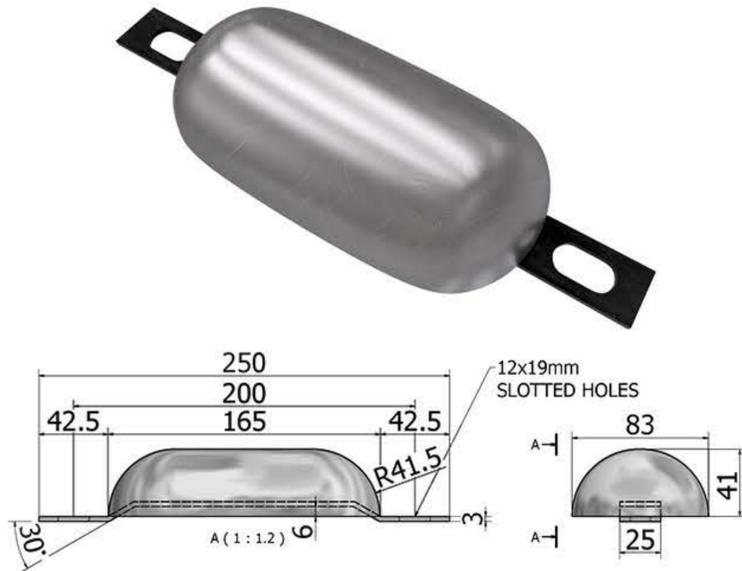
4.3Kg NET / 4.5Kg GROSS
ALUMINIUM DISC ANODE



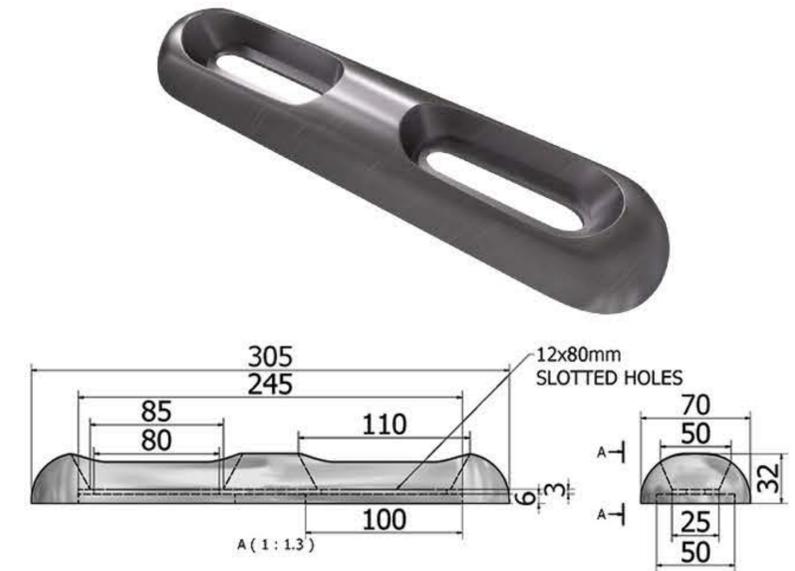
MH3AS
0.3Kg NET / 0.4Kg GROSS
ALUMINIUM BOLT ON HULL ANODE



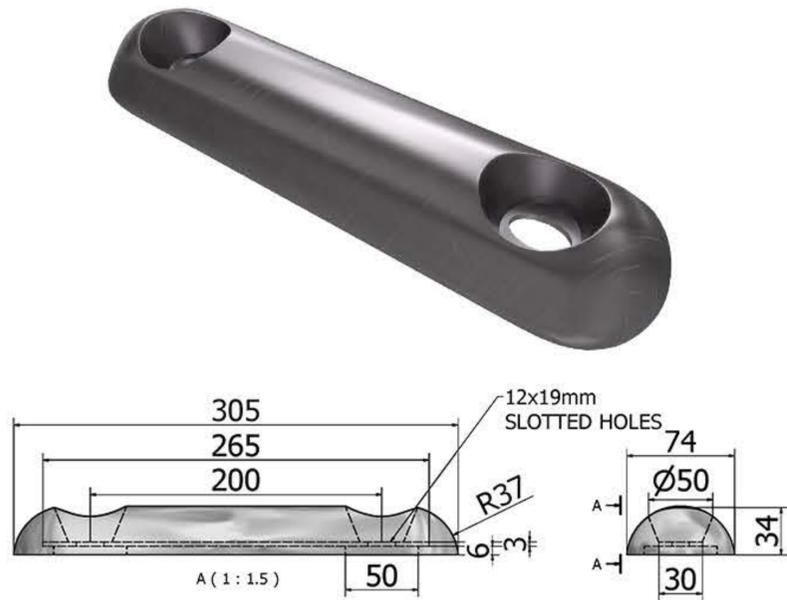
MH8AS
0.8Kg NET / 1Kg GROSS
ALUMINIUM BOLT ON HULL ANODE



MH11AS
1.1Kg NET / 1.3Kg GROSS
ALUMINIUM BOLT ON HULL ANODE



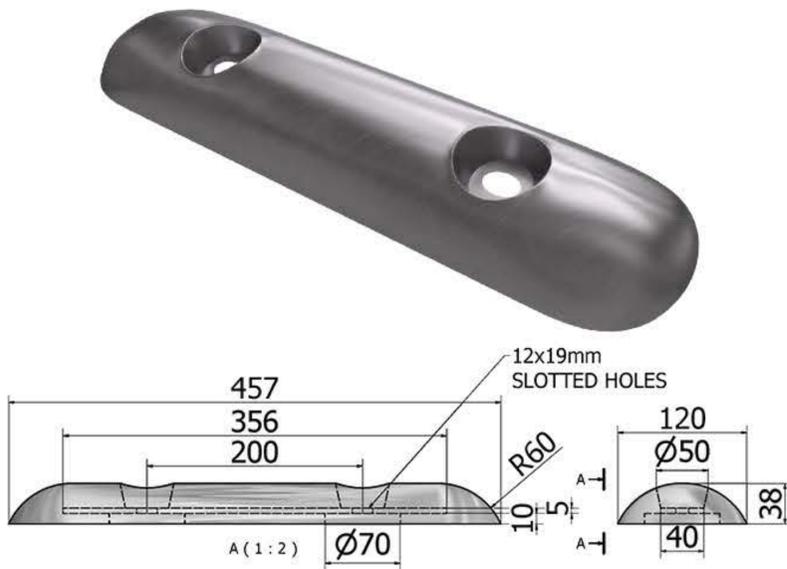
MH11AS-2
1.1Kg NET / 1.3Kg GROSS
ALUMINIUM BOLT ON HULL ANODE



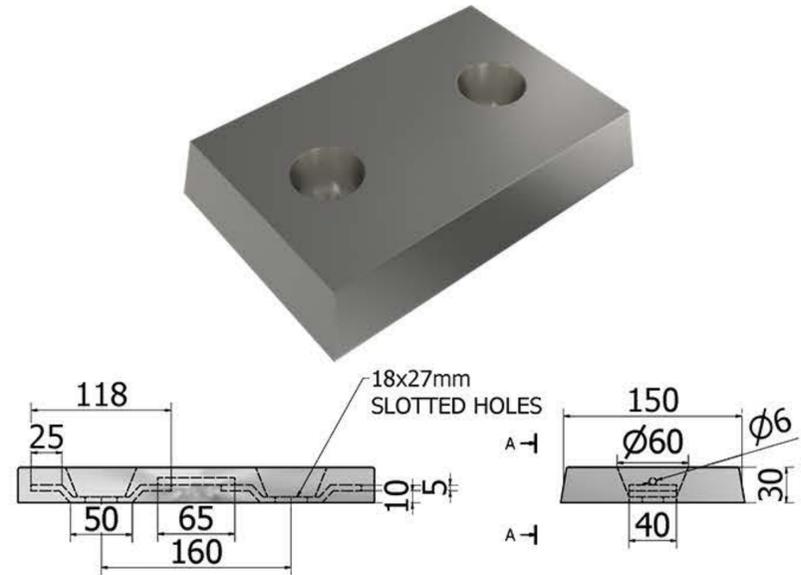
MH18AS
 1.8Kg NET / 2Kg GROSS
 ALUMINIUM BOLT ON HULL ANODE



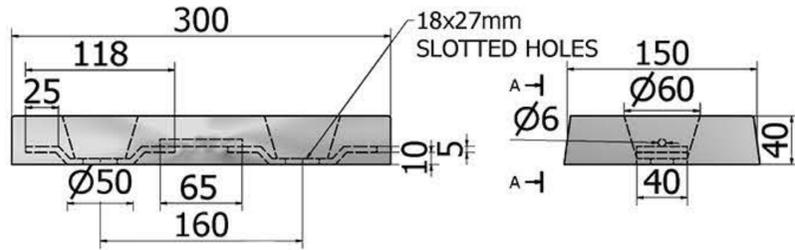
MH24AS
 2.4Kg NET / 3Kg GROSS
 ALUMINIUM BOLT ON HULL ANODE



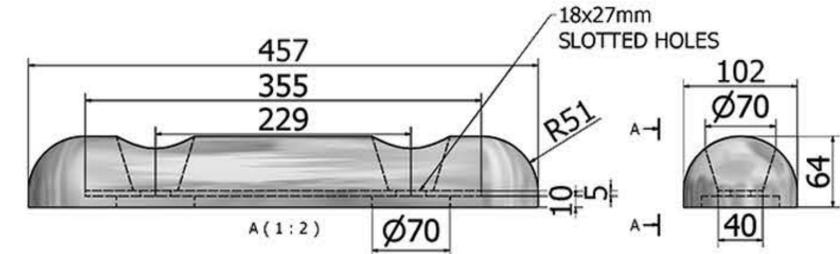
MH24AS-2
 2.4Kg NET / 3Kg GROSS
 ALUMINIUM BOLT ON HULL ANODE



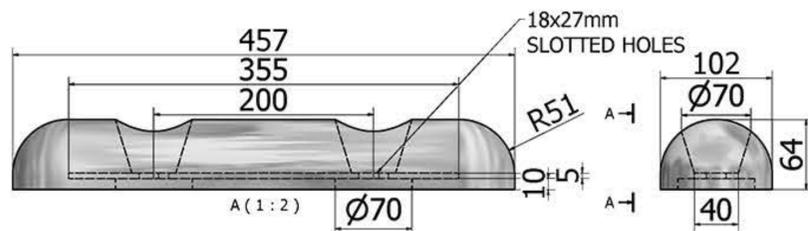
MH33AS-CT
 3.3Kg NET / 4Kg GROSS
 ALUMINIUM BOLT ON HULL ANODE



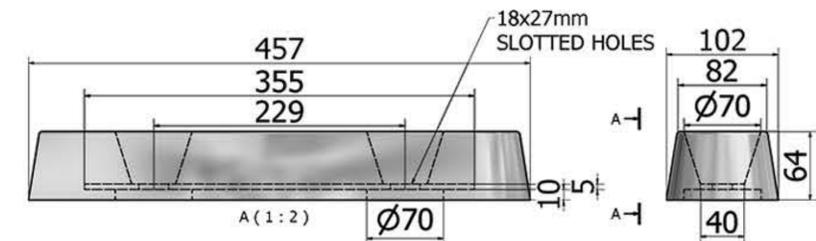
MH43AS-CT
4.3Kg NET / 5Kg GROSS
ALUMINIUM BOLT ON HULL ANODE



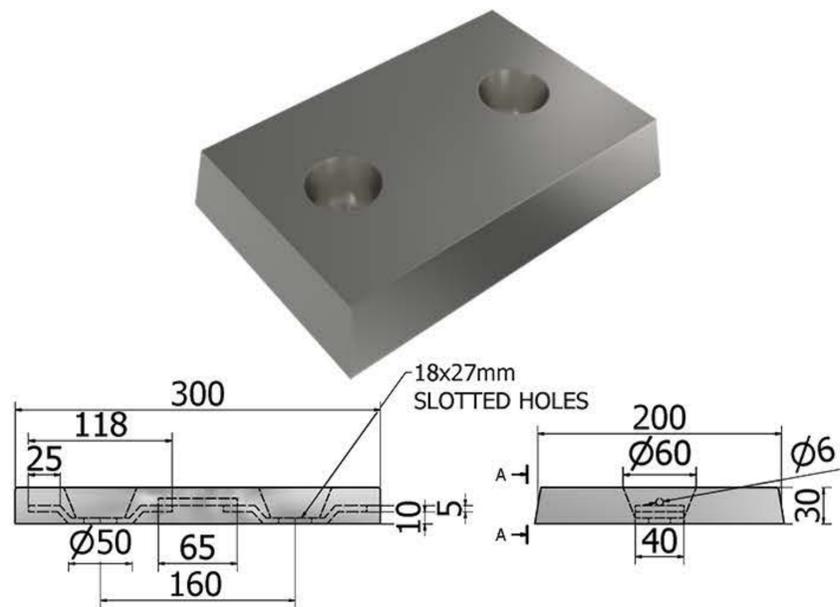
MH45AS-1
4.5Kg NET / 5Kg GROSS
ALUMINIUM BOLT ON HULL ANODE



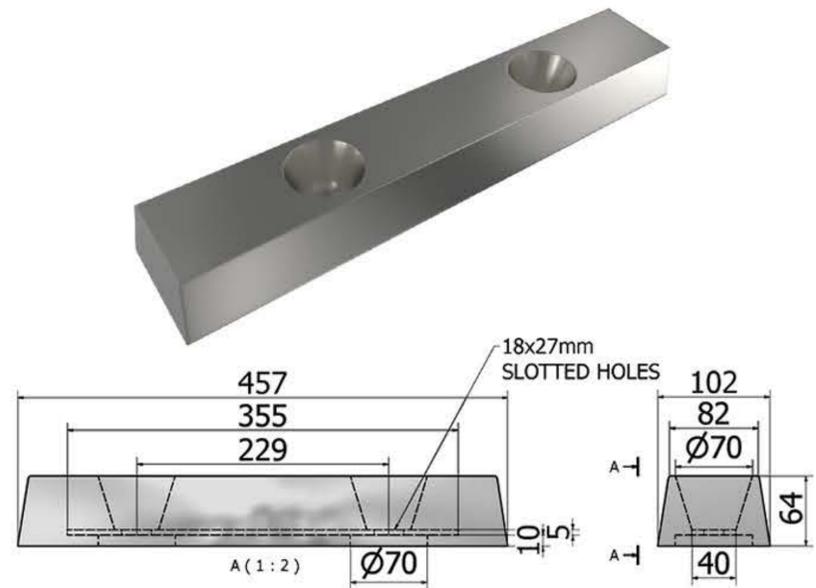
MH45AS-2
4.5Kg NET / 5Kg GROSS
ALUMINIUM BOLT ON HULL ANODE



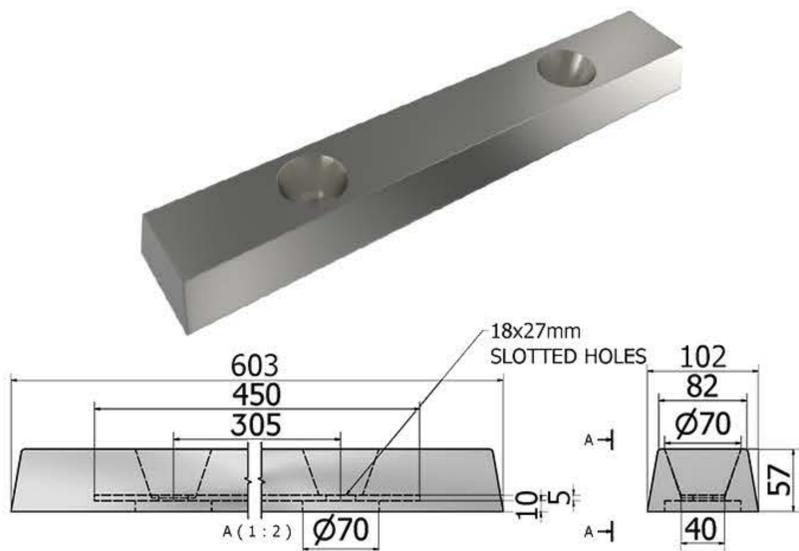
MH46AS-2
4.6Kg NET / 5.1Kg GROSS
ALUMINIUM BOLT ON HULL ANODE



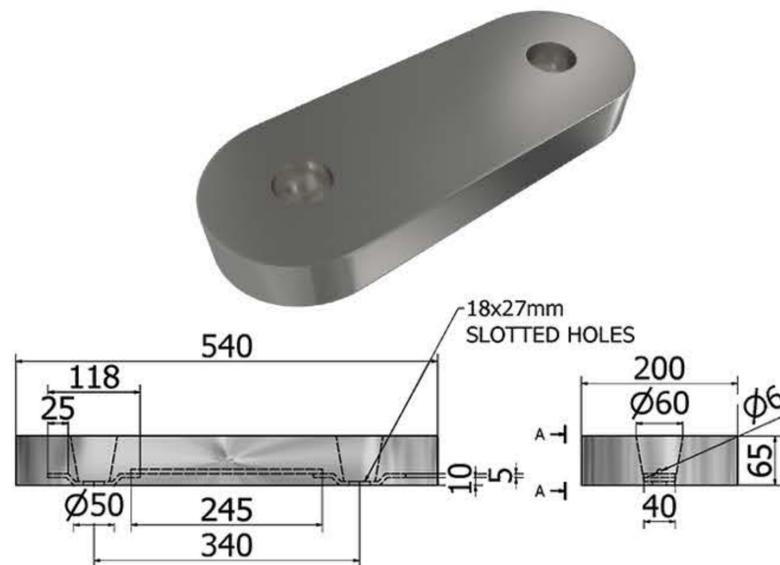
MH46AS-CT
 4.6Kg NET / 5.1Kg GROSS
 ALUMINIUM BOLT ON HULL ANODE



MH50AS
 5Kg NET / 5.4Kg GROSS
 ALUMINIUM BOLT ON HULL ANODE



MH75AS
 7.5Kg NET / 8Kg GROSS
 ALUMINIUM BOLT ON HULL ANODE



MH169AS
 16.9Kg NET / 17.4Kg GROSS
 ALUMINIUM BOLT ON HULL ANODE

TANK ANODES

Metec are one of the worlds largest producers of tank anodes for ballast tanks, storage tanks and pressure vessels. Our wide diverse mould selections ensure we are able to design and produce tank anodes of almost any size, configuration, alloy specification and fixing arrangement as required from our clients. We provide the Petrochemical, Industrial, Commercial Shipping and Energy Storage Industries. Our weekly capacity for production is matched by no other supplier globally with strategically located production facilities to cover all geographical positions.

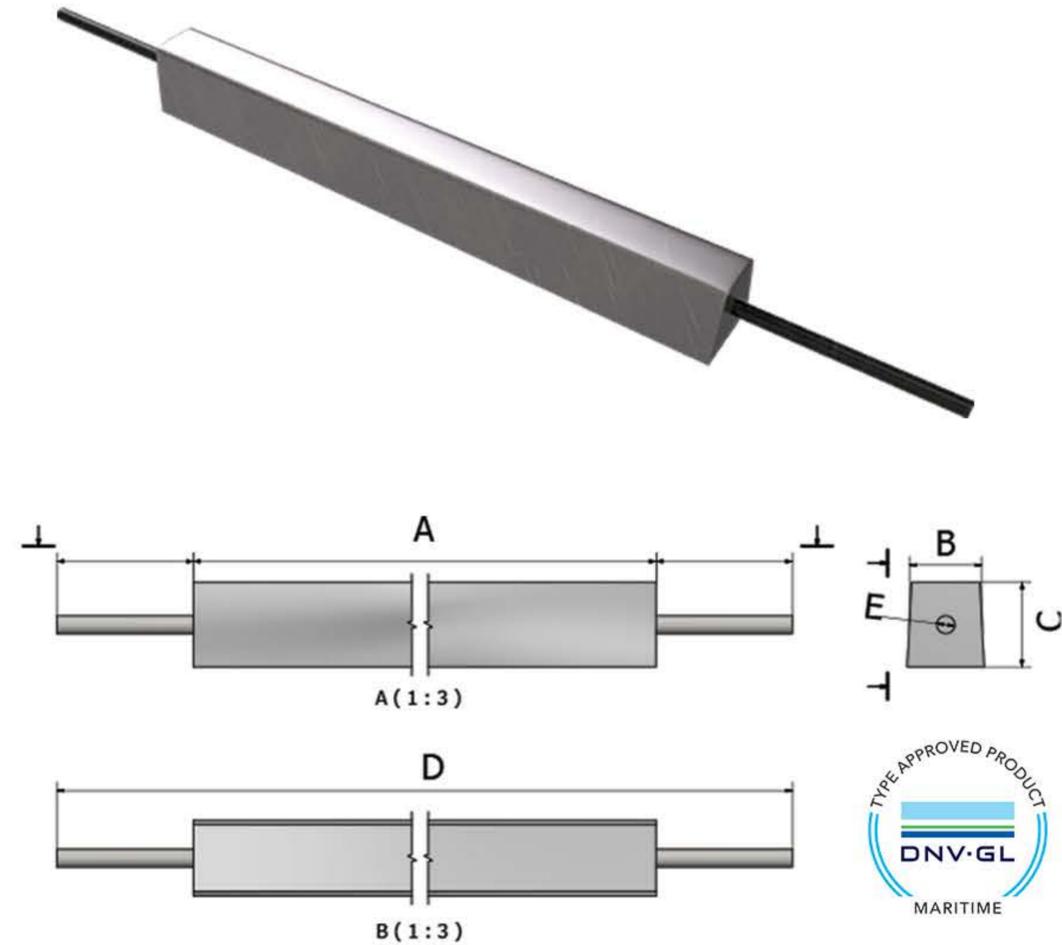
Considerations for material selection compatibility to your installation is highly recommended and Classification societies should be consulted for tanks in close proximity or adjacent to fuel storage due to the involvement of hydrogen from aluminium anodes, this could potentially cause an ignition source if an aluminium anode became loose and could cause thermite sparking from its fall impact. A general restriction height of aluminium in particular environments of $27 / W$ is recommended by many standards where as W represents the anode weight in Kg's. If unsure Metec's dedicated Marine and Corrosion Engineering Team can further discuss and advise the most practical and safe solution for protection from corrosion to your assets.



ZINC STRAIGHT CORE TANK ANODE

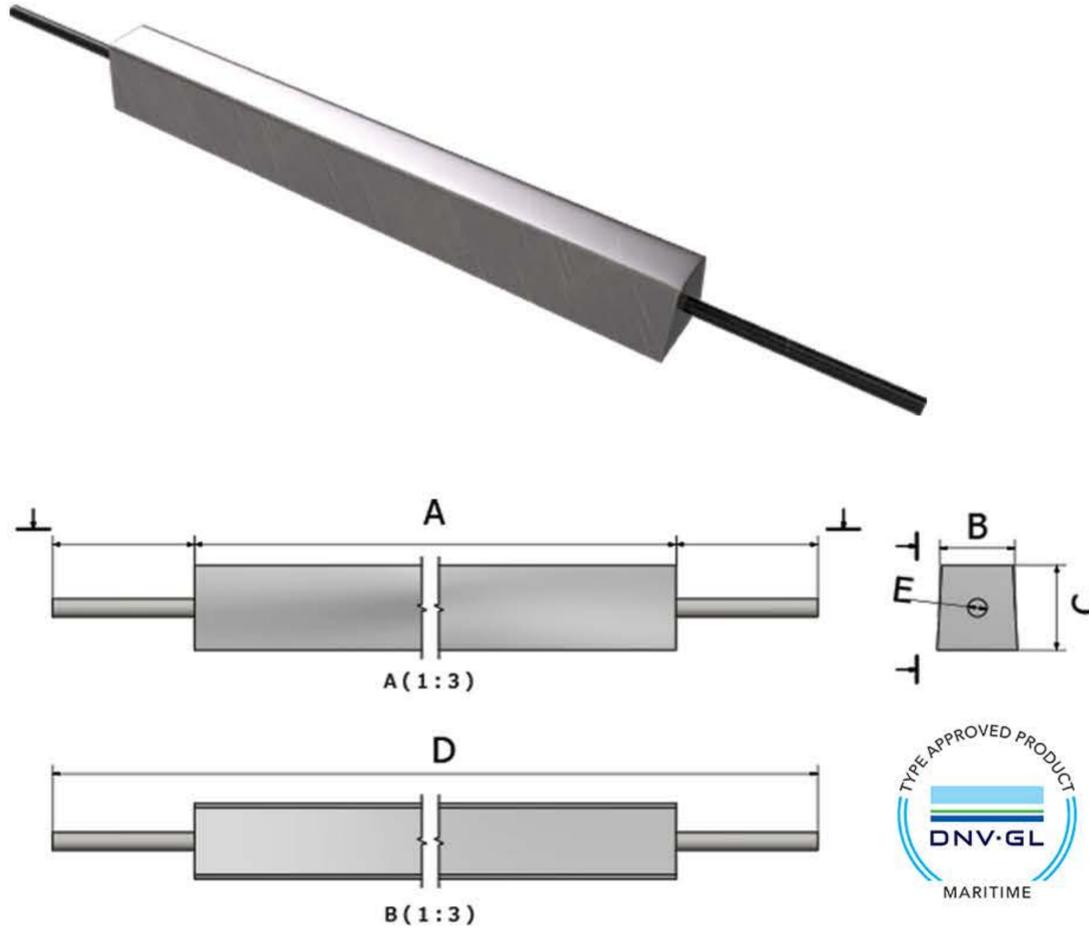
ZINC TYPICAL HULL ANODE ALLOY COMPOSITION

MIL-A-18001K		
Elements	Minimum %	Maximum %
Al (Aluminium)	0.100	0.500
Cd (Cadmium)	0.025	0.070
Fe (Iron)	0	0.005
Cu (Copper)	0	0.005
Pb (Lead)	0	0.006
Others	0	0.100
Zn (Zinc)	99.314	0



CODE	DIM A	DIM B	DIM C	DIM D	DIM E	NET WEIGHT (kg)	GROSS WEIGHT (kg)
MTA24Z-SC	400	30	30	600	8 DIA	2.4	2.6
MTA43Z-SC	250	50	50	500	8DIA	4.3	4.5
MTA10Z-SC	575	50	50	750	8DIA	10	10.4
MTA12Z-SC	1100	40	40	1300	8DIA	12	12.5
MTA28Z-SC	1500	52	53	1680	12DIA	28	29.8
MTA32Z-SC	1200	63	63	1380	12 DIA	32	33.3
MTA408Z-SC	1500	64	64	1700	12DIA	40.8	42.4
MTA57Z-SC	1100	85	90	1280	12 DIA	57	58.2

ALL DIMENSIONS ARE IN mm's. METEC CAN MANUFACTURE TANK ANODES TO ANY SPECIFIC CLIENT REQUIREMENTS



ALUMINIUM STRAIGHT CORE TANK ANODE

ALUMINIUM TYPICAL HULL ANODE ALLOY COMPOSITION

Elements	DNV	
	Minimum %	Maximum %
Zn (Zinc)	2.500	5.750
In (Indium)	0.015	0.040
Si (Silicon)	0	0.120
Fe (Iron)	0	0.090
Cu (Copper)	0	0.003
Cd (Cadmium)	0	0.002

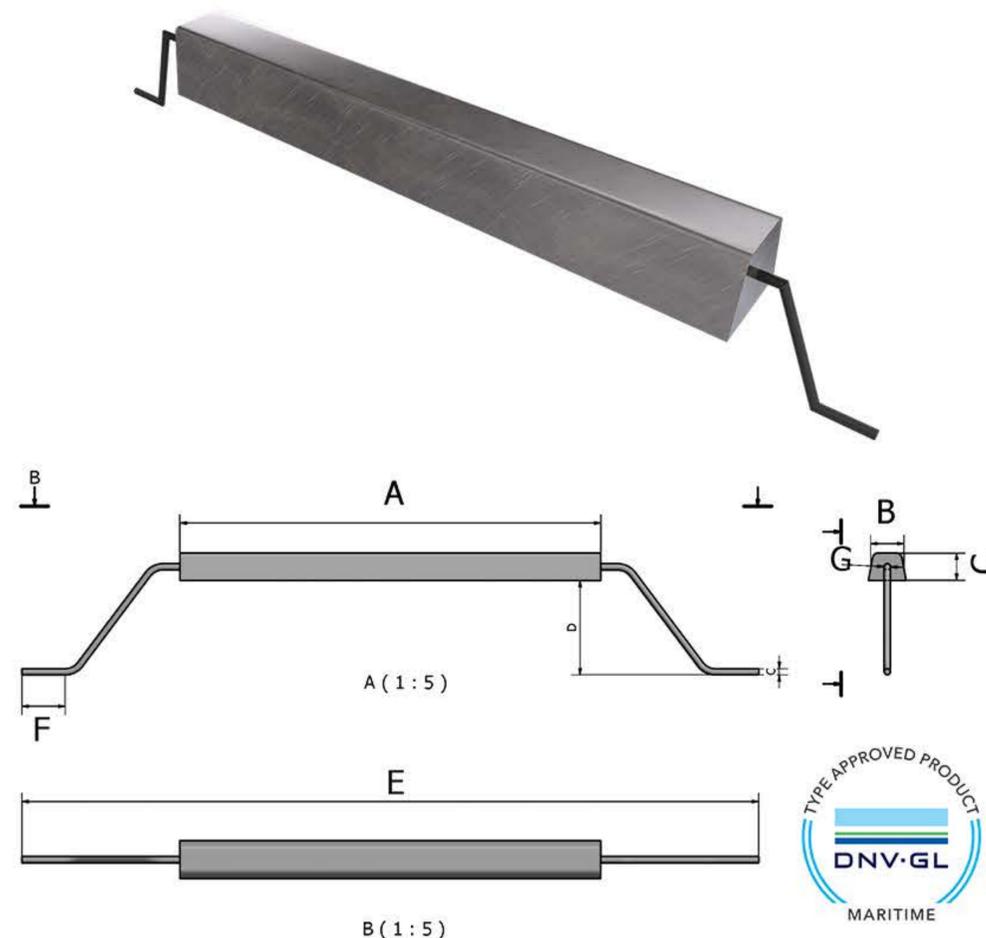
CODE	DIM A	DIM B	DIM C	DIM D	DIM E	NET WEIGHT (kg)	GROSS WEIGHT (kg)
MTA17A-SC	250	50	50	500	8 DIA	1.7	1.9
MTA26A-SC	580	40	40	750	8 DIA	2.6	3
MTA40A-SC	575	50	50	750	8DIA	4	4.4
MTA45A-SC	1100	40	40	1200	8 DIA	4.5	5
MTA6A-SC	600	60	60	750	8 DIA	6	6.3
MTA9A-SC	1100	68	56	1280	12 DIA	9	10.1
MTA125A-SC	1200	63	63	1380	12 DIA	12.5	14
MTA185A-SC	1100	80	80	1667	12DIA	18.5	20

ALL DIMENSIONS ARE IN mm's. METEC CAN MANUFACTURE TANK ANODES TO ANY SPECIFIC CLIENT REQUIREMENTS

ZINC DOUBLE CRANKED Z-TYPE TANK ANODE

ZINC TYPICAL HULL ANODE ALLOY COMPOSITION

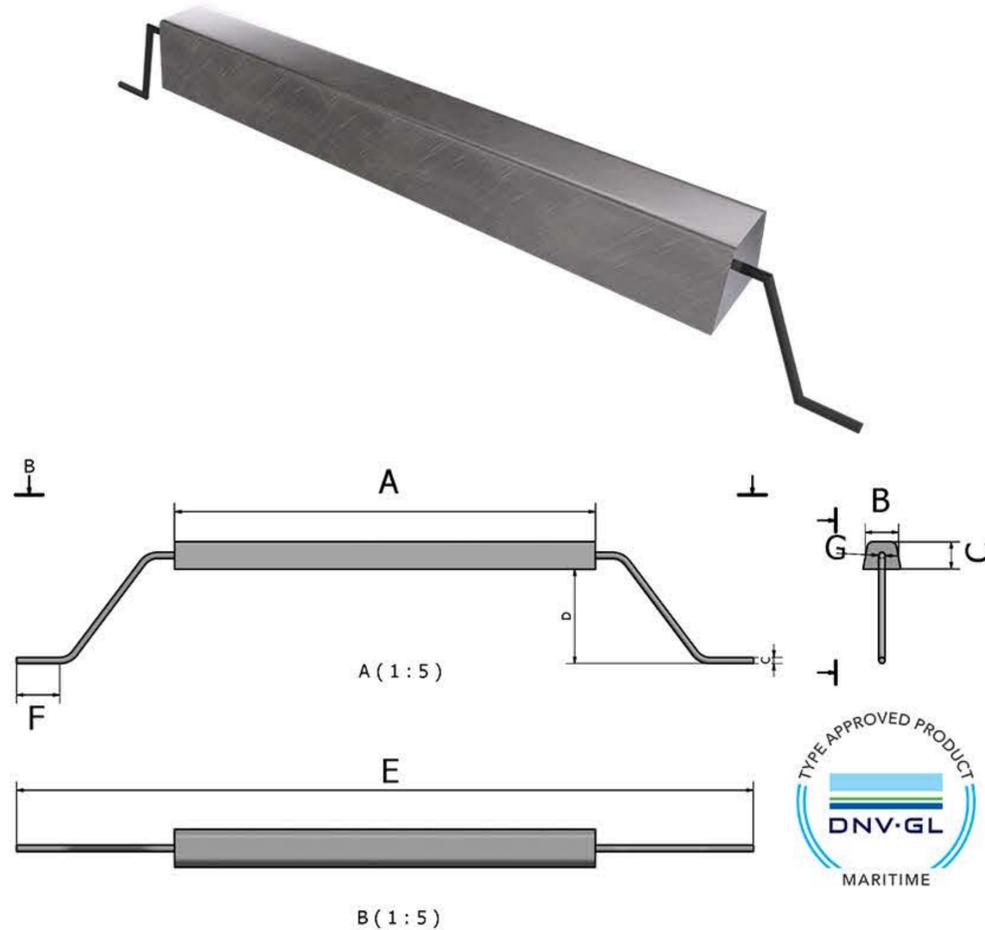
MIL-A-18001K		
Elements	Minimum %	Maximum %
Al (Aluminium)	0.100	0.500
Cd (Cadmium)	0.025	0.070
Fe (Iron)	0	0.005
Cu (Copper)	0	0.005
Pb (Lead)	0	0.006
Others	0	0.100
Zn (Zinc)	99.314	0



CODE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	NET WEIGHT (kg)	GROSS WEIGHT (kg)
MTA24Z-DCI-Z	400	30	30	75	670	50	8DIA	2.4	2.7
MTA43Z-DCI-Z	250	50	50	70	430	50	8DIA	4.3	4.6
MTA73Z-DCI-Z	580	40	40	75	870	50	8DIA	7.3	7.7
MTA100Z-DCI-Z	575	50	50	70	870	50	8DIA	10	10.4
MTA120Z-DCI-Z	1100	40	40	75	1390	50	8DIA	12	12.6
MTA153Z-DCI-Z	600	60	60	75	920	50	8 DIA	15.3	15.8
MTA280Z-DCI-Z	1500	52	53	100	1850	50	12 DIA	28	29.8
MTA300Z-DCI-Z	1200	63	60	100	1550	50	12DIA	30	31.5

ALL DIMENSIONS ARE IN mm's. METEC CAN MANUFACTURE TANK ANODES TO ANY SPECIFIC CLIENT REQUIREMENTS

ALUMINIUM DOUBLE CRANKED Z-TYPE TANK ANODE



ALUMINIUM TYPICAL HULL ANODE ALLOY COMPOSITION

Elements	DNV	
	Minimum %	Maximum %
Zn (Zinc)	2.500	5.750
In (Indium)	0.015	0.040
Si (Silicon)	0	0.120
Fe (Iron)	0	0.090
Cu (Copper)	0	0.003
Cd (Cadmium)	0	0.002

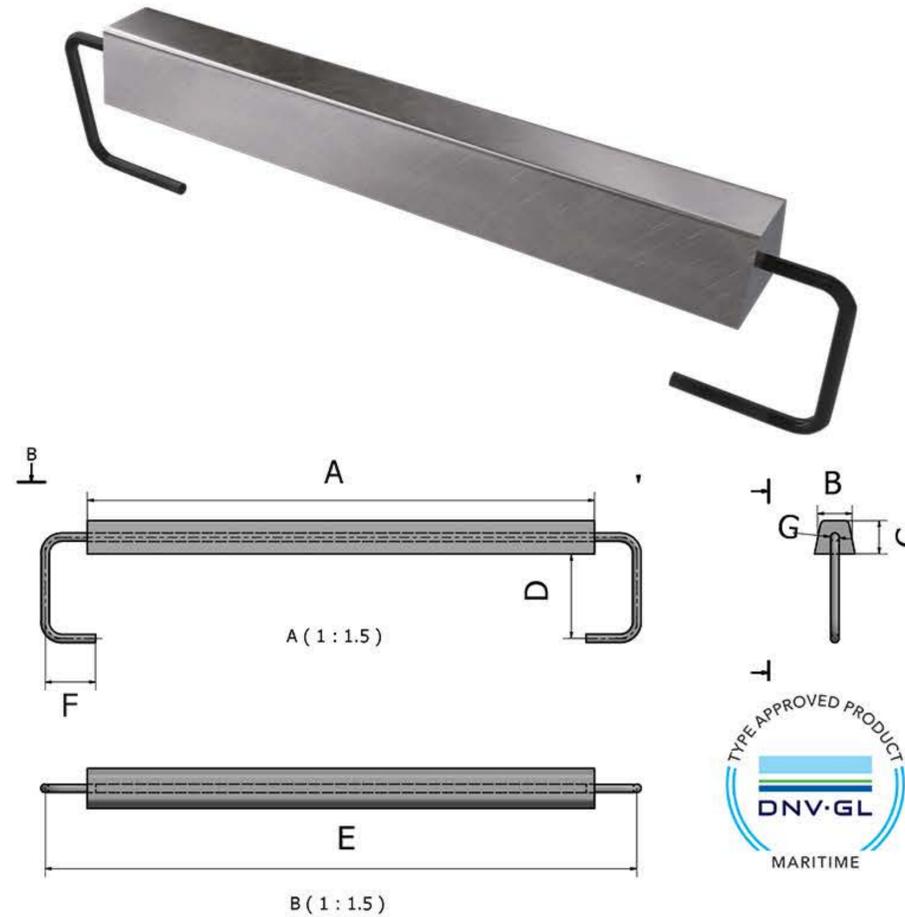
CODE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	NET WEIGHT (kg)	GROSS WEIGHT (kg)
MTA9.3A-DCI-Z	400	30	30	75	670	50	8DIA	0.93	1.25
MTA26A-DCI-Z	580	40	40	75	920	50	8DIA	2.6	3
MTA40A-DCI-Z	575	50	50	70	870	50	8DIA	4	4.4
MTA60A-DCI-Z	600	60	60	75	920	50	8DIA	6	6.5
MTA100A-DCI-Z	1500	52	53	100	1800	50	12DIA	10	11.8
MTA125A-DCI-Z	1200	63	63	100	1550	50	12 DIA	12.5	14
MTA160A-DCI-Z	1525	64	64	95	1850	50	12DIA	16	17.5
MTA185A-DCI-Z	1100	80	80	85	1550	50	12DIA	18.5	20

ALL DIMENSIONS ARE IN mm's. METEC CAN MANUFACTURE TANK ANODES TO ANY SPECIFIC CLIENT REQUIREMENTS

ZINC DOUBLE CRANKED C-TYPE TANK ANODE

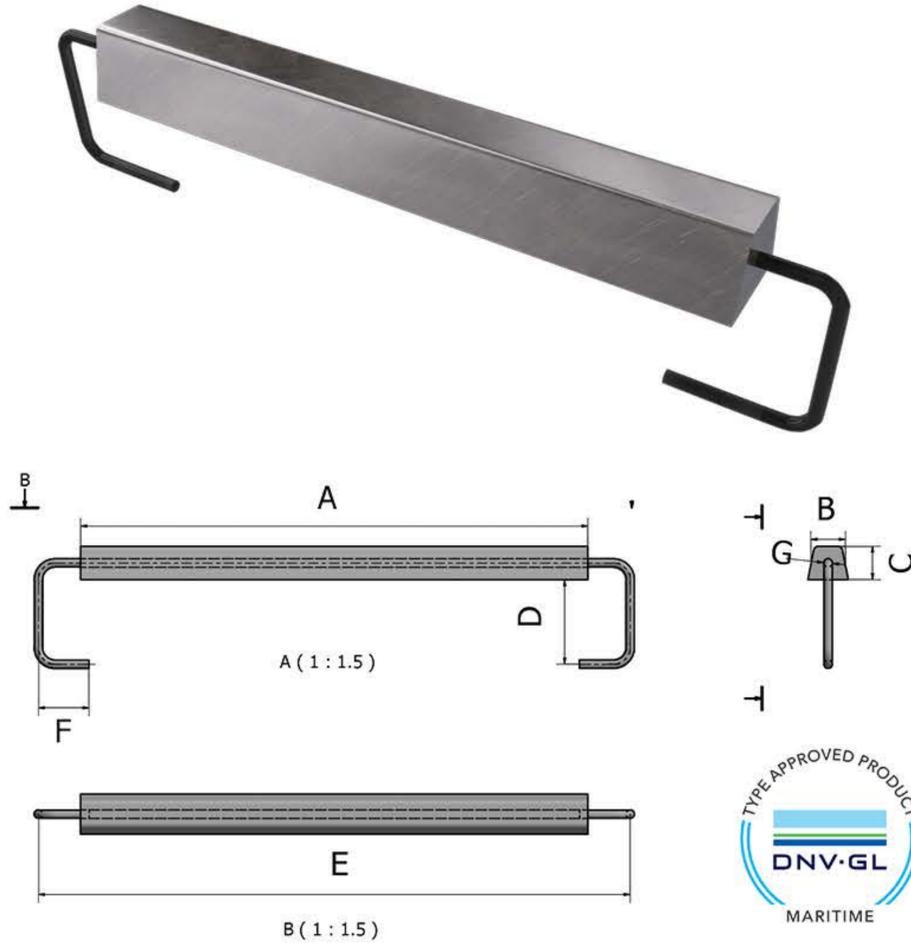
ZINC TYPICAL HULL ANODE ALLOY COMPOSITION

MIL-A-18001K		
Elements	Minimum %	Maximum %
Al (Aluminium)	0.100	0.500
Cd (Cadmium)	0.025	0.070
Fe (Iron)	0	0.005
Cu (Copper)	0	0.005
Pb (Lead)	0	0.006
Others	0	0.100
Zn (Zinc)	99.314	0



CODE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	NET WEIGHT (kg)	GROSS WEIGHT (kg)
MTA24Z-DCI-C	400	30	30	75	480	60	8 DIA	2.4	2.7
MTA24Z-DCI-C	250	50	50	65	330	60	8DIA	4.3	4.6
MTA60Z-DCI-C	580	40	35	80	680	60	8DIA	6	6.4
MTA73Z-DCI-C	580	40	40	80	700	60	8DIA	7.3	7.7
MTA100Z-DCI-C	575	50	50	75	700	60	8DIA	10	10.4
MTA120Z-DCI-C	1100	40	40	80	1180	60	8 DIA	12	12.5
MTA153Z-DCI-C	600	60	60	70	700	60	8DIA	15.3	15.7
MTA220Z-DCI-C	1100	68	56	70	1190	60	12DIA	22	23.4

ALL DIMENSIONS ARE IN mm's. METEC CAN MANUFACTURE TANK ANODES TO ANY SPECIFIC CLIENT REQUIREMENTS



ALUMINIUM DOUBLE CRANKED C-TYPE TANK ANODE

ALUMINIUM TYPICAL HULL ANODE ALLOY COMPOSITION

Elements	DNV	
	Minimum %	Maximum %
Zn (Zinc)	2.500	5.750
In (Indium)	0.015	0.040
Si (Silicon)	0	0.120
Fe (Iron)	0	0.090
Cu (Copper)	0	0.003
Cd (Cadmium)	0	0.002

CODE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	NET WEIGHT (kg)	GROSS WEIGHT (kg)
MTA9.3A-DCI-C	400	30	30	75	480	60	8DIA	0.93	1.25
MTA17A-DCI-C	250	50	50	65	330	60	8 DIA	1.7	1.8
MTA26A-DCI-C	580	40	40	80	700	60	8 DIA	2.6	3
MTA40A-DCI-C	575	50	50	75	700	60	8 DIA	4	4.4
MTA45A-DCI-C	1100	40	40	80	1180	60	8 DIA	4.5	5.1
MTA60A-DCI-C	600	60	60	60	700	60	8DIA	6	6.4
MTA90A-DCI-C	1100	68	56	70	1190	60	12 DIA	9	10.4
MTA125A-DCI-C	1200	63	63	105	1300	60	12 DIA	12.5	14

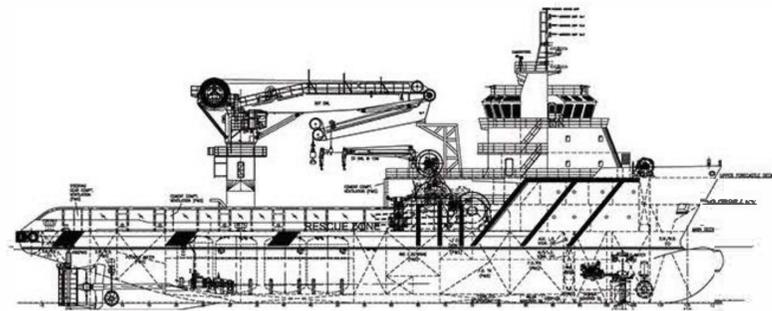
ALL DIMENSIONS ARE IN mm's. METEC CAN MANUFACTURE TANK ANODES TO ANY SPECIFIC CLIENT REQUIREMENTS



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CP DESIGN



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ANTI-FOULING



SHAFT EARTHING
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CP SURVEYS



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