



## ANODE CATALOG INDEX

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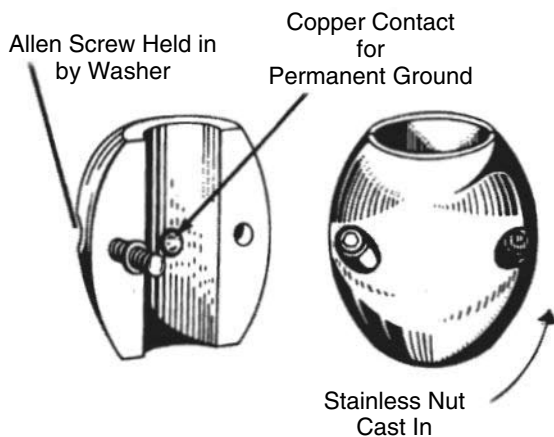
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(Continued)

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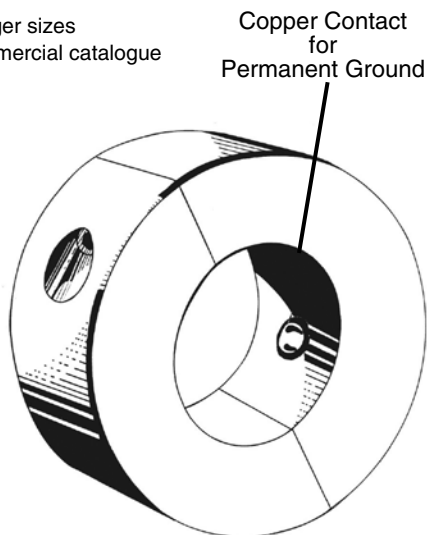
## BARREL COLLARS FOR SHAFT\*



| Part No.       | Shaft Size | Std. Box |
|----------------|------------|----------|
| x-0+           | 1/2"       | -        |
| x-1            | 3/4"       | 24       |
| x-1A(Ex. Hvy.) | 3/4"       | 24       |
| x-2            | 7/8"       | 24       |
| x-2A           | 7/8"       | 24       |
| x-3            | 1"         | 24       |
| x-3A(Ex. Hvy.) | 1"         | 24       |
| x-4            | 1-1/8"     | 24       |
| x-5            | 1-1/4"     | 24       |
| x-5A(Ex. Hvy.) | 1-1/4"     | 12       |
| x-6            | 1-3/8"     | 12       |
| x-7            | 1-1/2"     | 12       |
| x-8            | 1-3/4"     | 8        |
| x-9            | 2"         | 8        |
| x-10           | 2-1/4"     | 4        |
| x-11           | 2-1/2"     | 4        |
| x-12           | 2-3/4"     | 4        |
| x-13           | 3"         | 4        |
| x-14           | 3-1/4"     | 2        |
| x-15           | 3-1/2"     | 2        |
| x-16           | 3-3/4"     | 2        |
| x-17           | 4"         | 2        |
| x-18           | 4-1/2"     | 2        |
| x-19           | 5"         | 2        |

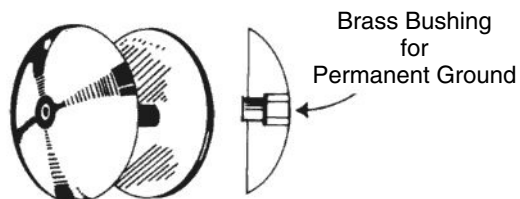
+ Please see page 30, De-Icer section, for image and dimensions.

For larger sizes  
Please see commercial catalogue



## DONUT COLLARS FOR SHAFT\*

| Part No. | Shaft Size | O.D. Dia. | Width  | Std. Box |
|----------|------------|-----------|--------|----------|
| C-1      | 3/4"       | 2-1/8"    | 1"     | 5        |
| C-2      | 7/8"       | 2-18"     | 1"     | 5        |
| C-3      | 1"         | 2-1/2"    | 1-1/4" | 10       |
| C-4      | 1-1/8"     | 2-1/2"    | 1-1/4" | 5        |
| C-5      | 1-1/4"     | 2-1/2"    | 1-1/4" | 10       |
| C-6      | 1-3/8"     | 3"        | 1-1/4" | 6        |
| C-7      | 1-1/2"     | 3"        | 1-1/4" | 6        |
| C-8      | 1-3/4"     | 3-1/2"    | 1-3/8" | 5        |
| C-9      | 2"         | 3-1/2"    | 1-3/8" | 5        |
| C-10     | 2"         | 4"        | 1-1/2" | 8        |
| C-11     | 2-1/4"     | 4"        | 1-1/2" | 8        |
| C-12     | 2-1/2"     | 5"        | 1-1/2" | 5        |
| C-12A    | 2-3/4"     | 5"        | 1-1/2" | 5        |
| C-13     | 3"         | 5"        | 1-1/2" | 5        |
| C-14     | 3-1/2"     | 6-1/2"    | 1-1/2" | 4        |
| C-15     | 4"         | 6-1/2"    | 1-1/2" | 4        |



## RUDDERS

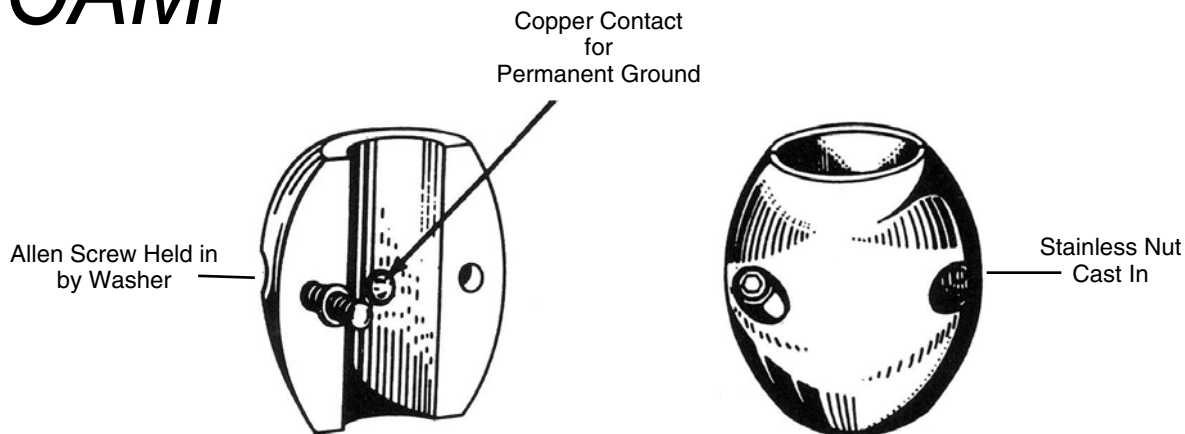
| Part No. | Diameter | Std. Box |
|----------|----------|----------|
| R-1      | 1-7/8"   | -        |
| R-2      | 2-13/16" | 25       |
| R-3      | 3-3/4"   | 20       |
| R-4      | 5"       | 8        |
| R-5      | 5-1/8"   | 6        |
| R-7      | 6-1/2"   | 2        |



## TEAR DROP — FOR HULL

| Part No. | Length | Center Distance Between Holes | Std. Box |
|----------|--------|-------------------------------|----------|
| T-20     | 3-1/2" | 1-5/16"                       | 25       |
| T-21     | 5-1/4" | 1-5/8"                        | 25       |

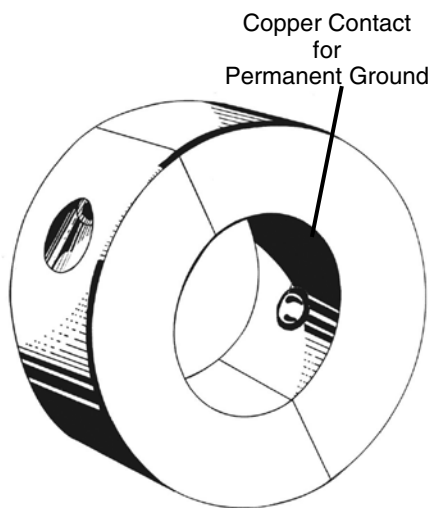
\*Anodes subject to cavitation will decay more rapidly.  
Anodes should be inspected frequently to assure proper functionality.



## BARREL COLLARS FOR SHAFT (METRIC)\*

| Part No. | Shaft Size |                       | Outer Diameter |           | Length |           |
|----------|------------|-----------------------|----------------|-----------|--------|-----------|
|          | MM         | Thousand's of an inch | MM             | Fractions | MM     | Fractions |
| D-25     | 25MM       | .984                  | 54 MM          | 2-1/8"    | 61 MM  | 2-3/8"    |
| D-30     | 25 MM      | 1.181                 | 59 MM          | 2-5/16"   | 64 MM  | 2-1/2"    |
| D-35     | 35 MM      | 1.378                 | 67 MM          | 2-5/8"    | 70 MM  | 2-3/4"    |
| D-40     | 40 MM      | 1.575                 | 84 MM          | 3-5/16"   | 77 MM  | 3-1/32"   |
| D-45     | 45 MM      | 1.772                 | 84 MM          | 3-5/16"   | 77 MM  | 3-1/32"   |
| D-50     | 50 MM      | 1.969                 | 87 MM          | 3-13/32"  | 80 MM  | 3-1/8"    |
| D-55     | 55 MM      | 2.165                 | 109 MM         | 4-17/64"  | 102 MM | 4"        |
| D-60     | 60 MM      | 2.362                 | 109 MM         | 4-17/64"  | 102 MM | 4"        |
| D-65     | 65 MM      | 2.559                 | 123 MM         | 4-7/8"    | 95 MM  | 3-3/4"    |
| D-70     | 70 MM      | 2.755                 | 123 MM         | 4-7/8"    | 95 MM  | 3-3/4"    |
| D-75     | 75 MM      | 2.952                 | 123 MM         | 4-7/8"    | 95 MM  | 3-3/4"    |
| D-80     | 80 MM      | 3.149                 | 133 MM         | 5-1/4"    | 96 MM  | 3-25/32"  |
| D-85     | 85 MM      | 3.346                 | 133 MM         | 5-1/4"    | 96 MM  | 3-25/32"  |
| D-90     | 90 MM      | 3.543                 | 142 MM         | 5-11/16"  | 95 MM  | 3-47/64"  |
| D-100    | 100 MM     | 3.937                 | 142 MM         | 5-11/16"  | 95 MM  | 3-47/64"  |

\*Anodes subject to cavitation will decay more rapidly.  
Anodes should be inspected frequently to assure proper functionality.



## DONUT COLLARS FOR SHAFT (METRIC)\*

| Part No. | Shaft Size |                       | Outer Diameter |           | Length |           |
|----------|------------|-----------------------|----------------|-----------|--------|-----------|
|          | MM         | Thousand's of an inch | MM             | Fractions | MM     | Fractions |
| C-25     | 25 MM      | .984                  | 64 MM          | 2-1/2"    | 32 MM  | 1-1/4"    |
| C-30     | 30 MM      | 1.181                 | 64 MM          | 2-1/2"    | 32 MM  | 1-1/4"    |
| C-35     | 35 MM      | 1.378                 | 78 MM          | 3-1/16"   | 32 MM  | 1-1/4"    |
| C-40     | 40 MM      | 1.575                 | 78 M           | 3-1/16"   | 32 MM  | 1-1/4"    |
| C-45     | 45 MM      | 1.772                 | 78 M           | 3-1/16"   | 32 MM  | 1-1/4"    |
| C-50     | 50 MM      | 1.969                 | 78 M           | 3-1/16"   | 32 MM  | 1-1/4"    |
| C-55     | 55 MM      | 2.165                 | 103 MM         | 4-3/64"   | 38 MM  | 1-1/2"    |
| C-60     | 60 MM      | 2.362                 | 128 MM         | 5"        | 38 MM  | 1-1/2"    |
| C-65     | 65 MM      | 2.559                 | 128 MM         | 5"        | 38 MM  | 1-1/2"    |
| C-70     | 70 MM      | 2.755                 | 128 MM         | 5"        | 38 MM  | 1-1/2"    |

\*Anodes subject to cavitation will decay more rapidly.  
Anodes should be inspected frequently to assure proper functionality.



## PLATE FOR HULL

| Part No. | Length  | Width   | Thickness | Weight      | Std. Box |
|----------|---------|---------|-----------|-------------|----------|
| A-24     | 4-3/4"  | 2"      | 3/4"      | 12 oz.      | 25       |
| A-25     | 9-1/4"  | 3-3/8"  | 3/4"      | 3lb. 5 oz.  | 10       |
| A-30     | 6-1/4"  | 2-3/4"  | 5/8"      | 1lb. 13 oz. | 25       |
| A-40     | 7-1/4"  | 2-3/4"  | 1/2"      | 2lb.        | 10       |
| A-90     | 9-1/4"  | 3-3/8"  | 53/64"    | 3lb. 5 oz.  | 5        |
| N-1      | 8-5/8"  | 3-3/16" | 1/2"      | 2lb. 1 oz.  | 10       |
| DP-1     | 11-1/2" | 5-1/4"  | 5/8"      | -           | 4        |
| DP-2     | 5-3/4"  | 3-3/4"  | 1/2"      | -           | -        |



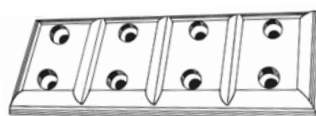
A-24



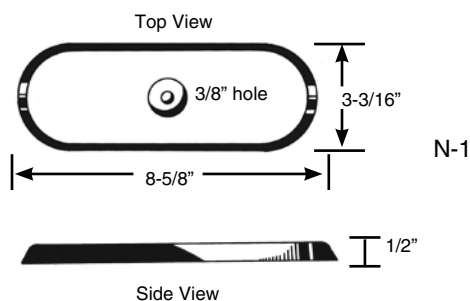
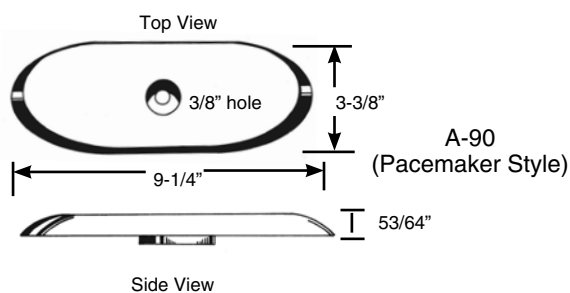
A-25



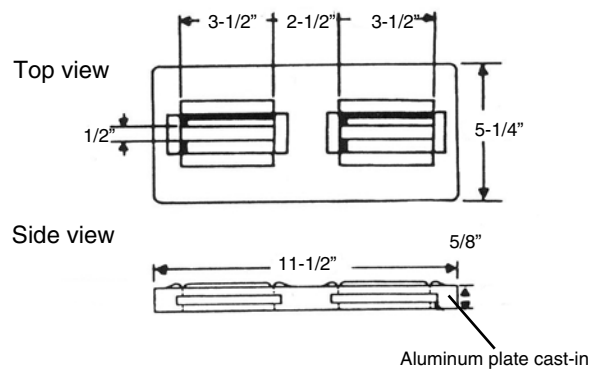
A-30



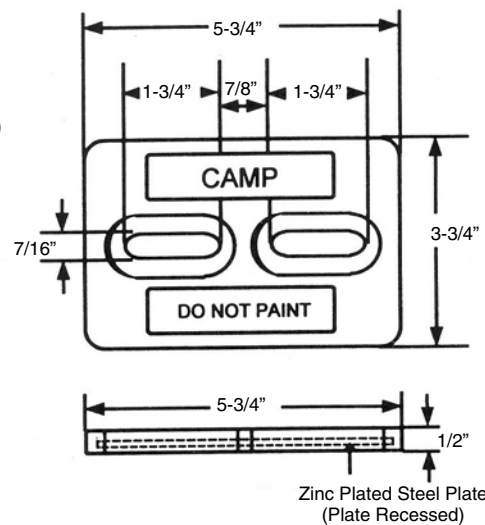
A-40



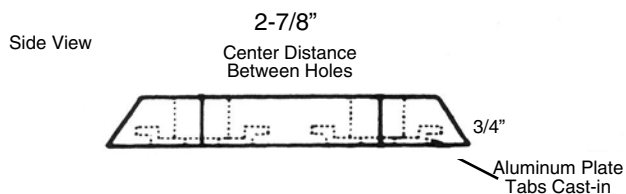
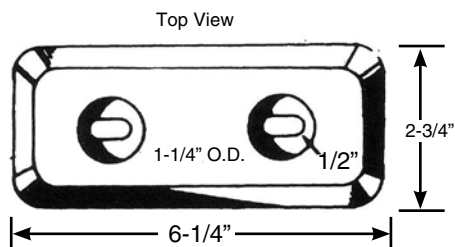
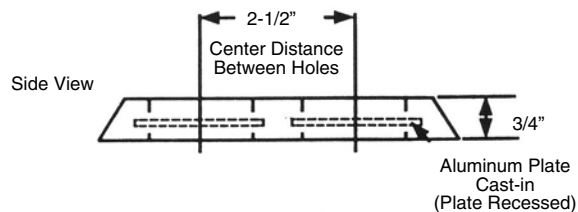
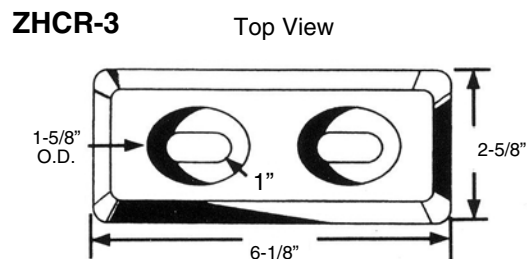
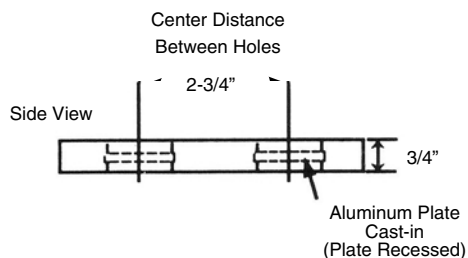
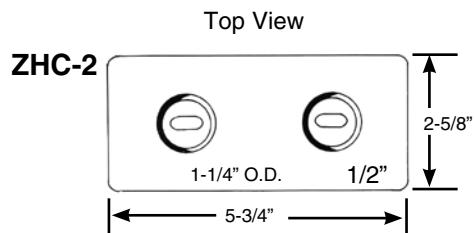
DP-1  
(Divers Plate)



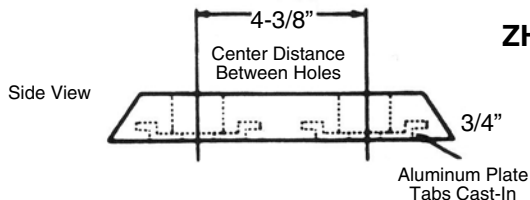
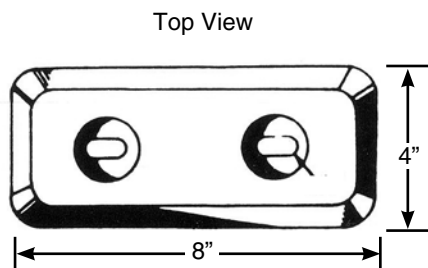
DP-2  
(Divers Plate Small)



## PLATE FOR HULL



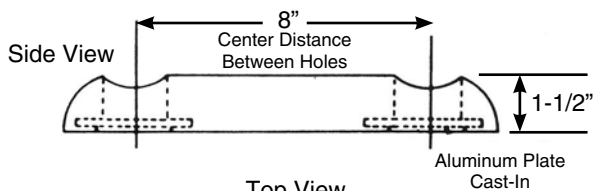
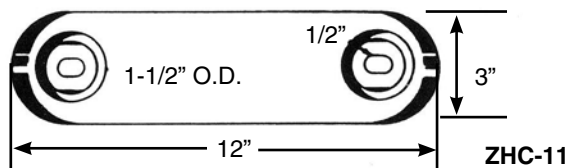
| Part No. | Length | Width  | Thickness | Weight | Std. Box |
|----------|--------|--------|-----------|--------|----------|
| ZHC-2    | 5-3/4" | 2-5/8" | 3/4"      | 2 lb.  | -        |
| ZHCR-3   | 6-1/8" | 2-5/8" | 3/4"      | 2 lb.  | -        |
| ZHC-3    | 6-1/4" | 2-3/4" | 3/4"      | 2 lb.  | 10       |
| ZHC-5    | 8"     | 4"     | 3/4"      | 5 lb.  | 5        |



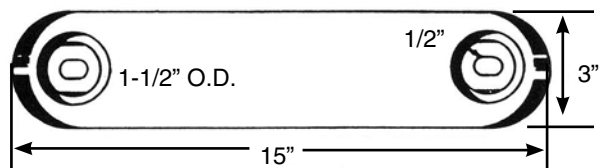
## PLATE FOR HULL

| Part No. | Length | Width | Thickness | Weight | Std. Box |
|----------|--------|-------|-----------|--------|----------|
| ZHC-11   | 12"    | 3"    | 1-1/2"    | 11 lb. | 2        |
| ZHC-15   | 15"    | 3"    | 1-1/2"    | 13 lb. | 2        |
| ZHC-17   | 12"    | 6"    | 1"        | 17 lb. | 2        |
| ZHC-23   | 24"    | 3"    | 1-5/16"   | 23 lb. | -        |

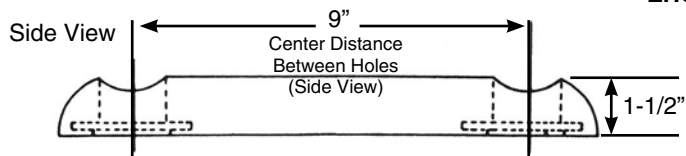
Top View



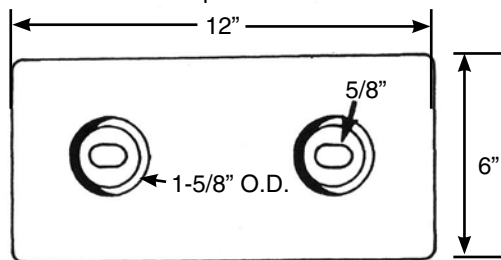
Top View



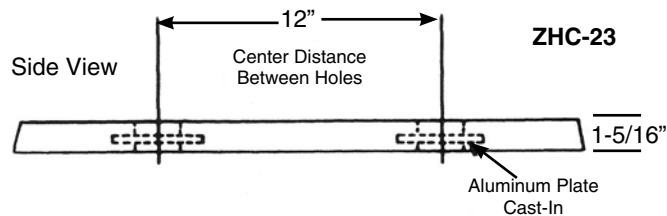
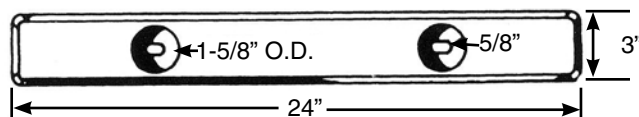
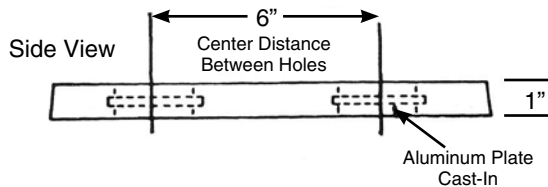
ZHC-15

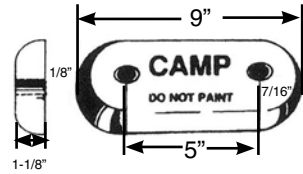


Top View

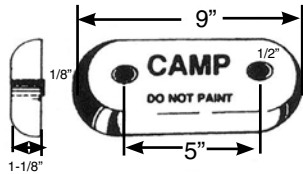


ZHC-17

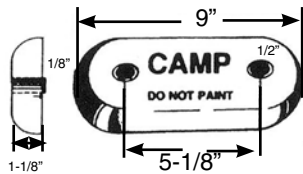




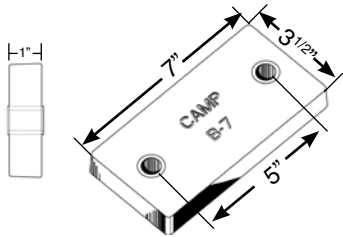
**B-12**  
Tapered Zinc Anode  
with two cast-in 7/16" I.D.  
Bronze Bushings.  
Nominal Weight - 9 lbs.



**B-14**  
Tapered Zinc Anode  
with two cast-in 1/2" I.D.  
Steel Bushings.  
Nominal Weight - 9 lbs.

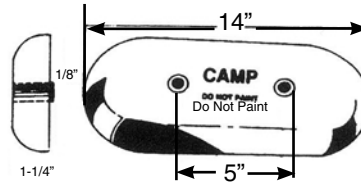


**B-15**  
Tapered Zinc Anode  
with two cast-in 1/2" I.D.  
Steel Bushings.  
Nominal Weight - 9 lbs.

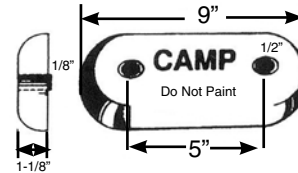


**B-7**  
Rectangular Zinc Anode  
with two cast-in 7/16" I.D.  
Bronze Bushings.  
Nominal Weight - 7 lbs.

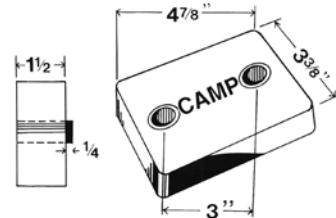
## PLATE FOR HULL



**B-24**  
Tapered Zinc Anode  
with two cast-in 7/16" I.D.  
Bronze Bushings.  
Nominal Weight - 23 lbs.



**B-14AL**  
Tapered Aluminum Anode  
with two cast-in 1/2" I.D.  
Steel Bushings.  
Nominal Weight - 9 lbs.

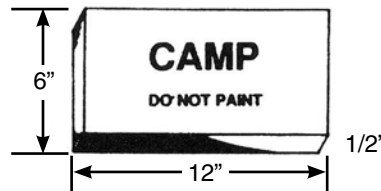


**B-6**  
Rectangular Zinc Anode  
with two cast-in 7/16" I.D.  
Bronze Bushings  
Nominal Weight - 6 lbs

## PLATE FOR HULL

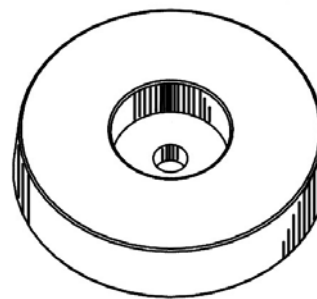
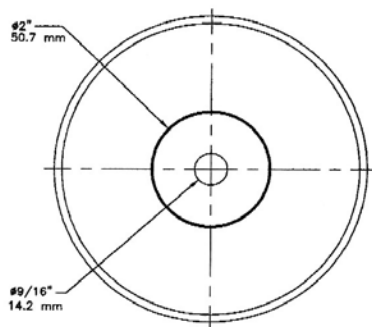
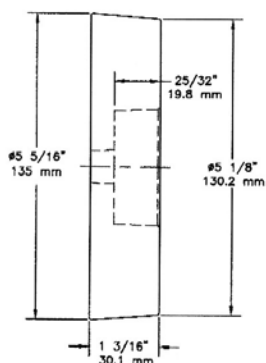
ZP-2

Zinc Plate 6" x 12" x 1/2"



## PERINI NAVI

Part No.  
Perini



PERINI



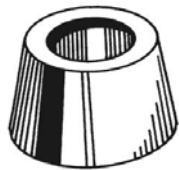
## VETUS® PLATE FOR HULL

**Part No.**

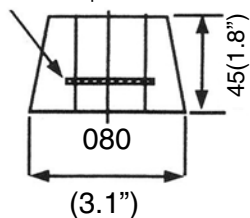
8

15

25

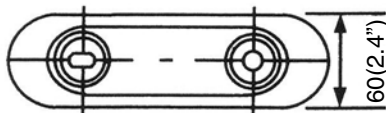
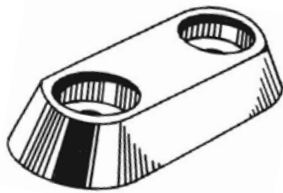


Cast-in steel plated washer

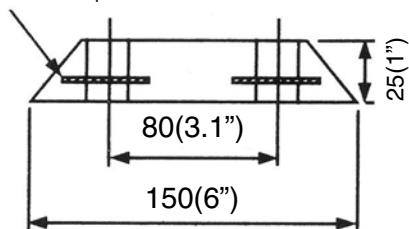


**Part No. 8**

Weight 1 kg (2.2 lbs.)  
Especially designed for  
stern-mounting.

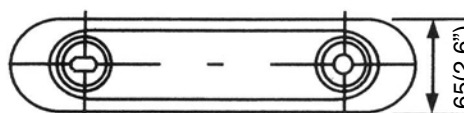
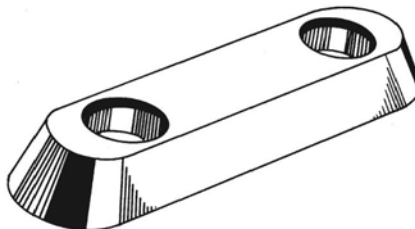


Cast-in steel plated washer

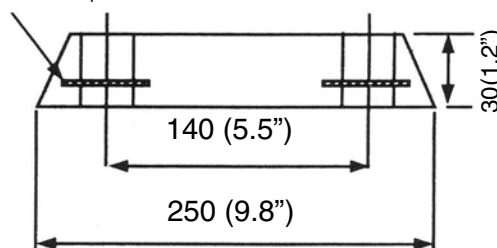


**Part No. 15**

Weight 0.9 kg  
(2 lbs.)

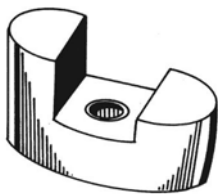


Cast-in steel plated washer

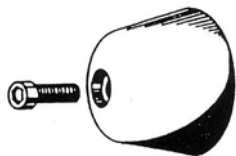


**Part No. 25**

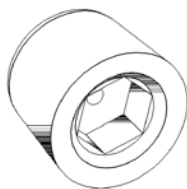
Weight 2.3 kg  
(5.1 lbs.)



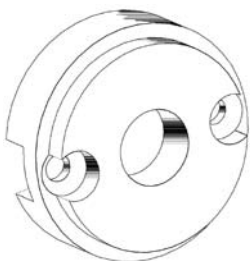
BP-129



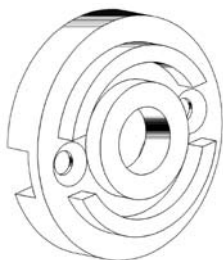
BP-195



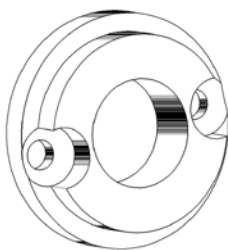
BP-1210



BP-1126



BP-1185



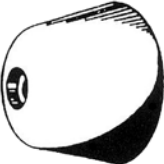
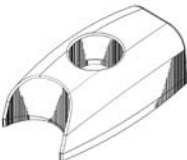
BP-1221

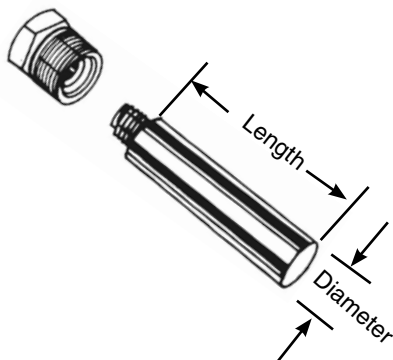
## VETUS® BOW THRUSTER

| Part No.                | LBF  | Models          |
|-------------------------|------|-----------------|
| BP-129 w/ Screw         | 55   | Bow 2512        |
|                         | 77   | Bow 3512        |
|                         | 121  | Bow 55 (old)    |
|                         | 176  | Bow 80 (old)    |
|                         | 210  | Bow 95 (old)    |
|                         | 352  | Bow 16024       |
| BP-195 w/ Screw         | 275  | Bow 125         |
|                         | 352  | Bow 160 / 16024 |
|                         | 352  | Bow 160 HM      |
|                         | 488  | Bow 22024       |
|                         | 905  | Bow 410 HM      |
|                         | 1215 | Bow 550 HM      |
| BP-1126 w/ Screws & Nut | 77   | Bow 35          |
|                         | 121  | Bow 55 (new)    |
|                         | 121  | Bow 55 HM       |
| BP-1185 w/ Screws       | 132  | Bow 60          |
|                         | 165  | Bow 75          |
|                         | 210  | Bow 95 (new)    |
|                         | 210  | Bow 95 HM       |
| BP-1210 w/ Screws       | 485  | Bow 220         |
|                         | 628  | Bow 285         |
|                         | 665  | Bow 300 HM      |
| BP-1221 w/ Screws       | 55   | Bow 25          |



## SIDE POWER BOW THRUSTERS KITS (ALL KITS INCLUDE ANODE & SCREW)

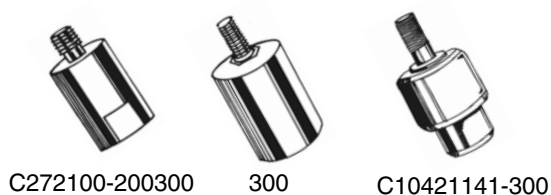
|                                                                                     |                             |                                    |                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|-----------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>Part No.</b><br>SM3-1180 | <b>Dimensions</b><br>15/16" x 5/8" | <b>For Models</b><br>SM30S, SM40S                                                                                                                                                                                                                                          |
|    | SM5-1180/<br>SM7-1190       | 1-3/4" x 3/4"                      | SM55S12, SM55S24<br>SM75T12, SM75T24<br>SM95T12, SM95T24<br>SM75T12-IP, SM75T24-IP,<br>SM9T12-IP, SM95T24-IP                                                                                                                                                               |
|    | SM20-1180                   | 1-7/8" x 1-11/16"                  | SM155TC, SM200TC32,<br>SM200TC32, SM220TC,<br>SM285TC, <i>Composite props &amp;</i><br>SM2290HYD/U-08, SM220HYD/U-10,<br>SM220HYD/U-11, SM220HYD/U-14,<br>SM220HYD/U-16, SM220HYD/U-19,<br>SM300HYD/U-10, SM300HYD/U-11,<br>SM300HYD/U-14, SM300HYD/U-16,<br>SM300HYD/U-19 |
|  | SM50-1180                   | 2-7/8" x 2"                        | SM500HYD/U-37, SM550HYD/U-44,<br>SM550HYD/U-50, SM550HYD/PRO-40,<br>SM550HYD/PRO-60                                                                                                                                                                                        |
|  | SM6-1180                    | 1" x 13/16"                        | 4HP (w/ 3 blade prop.)                                                                                                                                                                                                                                                     |
|  | SM10-1180                   | 1-5/8" x 1-3/8"                    | Older 10/15/20HP (twin w/ bronze props)                                                                                                                                                                                                                                    |
|  | SM7-1180                    | 1-15/16" x 49/64" x<br>17/32"      | 7HP models (3-bladed props)                                                                                                                                                                                                                                                |



## MARINE ENGINES PENCILS WITH BRONZE PLUG\*

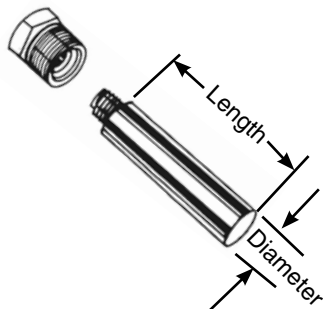
| Part No. | Plug N.P.T. | Zinc Diameter | Zinc Length | Zinc Thread Size | Std. Qty. |
|----------|-------------|---------------|-------------|------------------|-----------|
| E-00     | 1/8"        | 1/4"          | 2"          | 1/4-20           | 5         |
| E-00A    | 1/8"        | 1/4"          | 1/2"        | 1/4-20           | 5         |
| E-0      | 1/4"        | 3/8"          | 1-3/4"      | 5/16-18          | 5         |
| E-0A     | 1/4"        | 3/8"          | 2-1/2"      | 5/16-18          | 5         |
| E-0B     | 1/4"        | 3/8"          | 3/4"        | 5/16-18          | 5         |
| E-0D     | 1/4"        | 3/8"          | 1"          | 5/16-18          | 5         |
| E-0E     | 1/4"        | 3/8"          | 1-1/4"      | 5/16-18          | 5         |
| E-0F     | 1/4"        | 3/8"          | 1-1/2"      | 5/16-18          | 5         |
| E-0H     | 3/8"        | 1/2"          | 1-5/8"      | 3/8-16           | 5         |
| E-1      | 3/8"        | 1/2"          | 2"          | 3/8-16           | 5         |
| E-1D     | 3/8"        | 1/2"          | 1-3/4"      | 3/8-16           | 5         |
| E-1E     | 3/8"        | 1/2"          | 1-1/2"      | 3/8-16           | 5         |
| E-1F     | 3/8"        | 1/2"          | 1-1/4"      | 3/8-16           | 5         |
| E-1G     | 3/8"        | 1/2"          | 1"          | 3/8-16           | 5         |
| E-1H     | 3/8"        | 1/2"          | 1-5/8"      | 3/8-16           | 5         |
| E-1J     | 3/8"        | 1/2"          | 5/8"        | 3/8-16           | 5         |
| E-2      | 1/2"        | 5/8"          | 2"          | 7/16-14          | 5         |
| E-2A     | 1/2"        | 5/8"          | 1-1/4"      | 7/16-14          | 5         |
| E-2B     | 1/2"        | 5/8"          | 3"          | 7/16-14          | 5         |
| E-2D     | 1/2"        | 5/8"          | 1-3/4"      | 7/16-14          | 5         |
| E-3      | 3/4"        | 3/4"          | 2"          | 1/2-13           | 5         |
| E-3A     | 3/4"        | 3/4"          | 3/4"        | 1/2-13           | 5         |
| E-4      | 3/4"        | 3/4"          | 3-3/8"      | 1/2-13           | 5         |
| E-5      | 3/4"        | 3/4"          | 3-5/8"      | 1/2-13           | 5         |
| E-6      | 3/4"        | 3/4"          | 4-3/4"      | 1/2-13           | 5         |
| E-6A     | 3/4"        | 13/16"        | 7"          | 1/2-13           | 5         |
| E-7      | 1"          | 1-1/16"       | 5"          | 3/4-10           | 5         |
| E-7A     | 1"          | 1-1/16"       | 10"         | 3/4-10           | 5         |
| E-7B     | 1"          | 1"            | 14"         | 3/4-10           | 5         |
| E-7D     | 1"          | 1"            | 16"         | 3/4-10           | 5         |
| E-8      | 1-1/4"      | 1-1/4"        | 2-5/16"     | 3/4-10           | 5         |
| E-8A     | 1-1/4"      | 1-1/16"       | 6"          | 3/4-10           | 5         |
| E-8B     | 1-1/4"      | 1-1/16"       | 10"         | 3/4-10           | 5         |
| E-8D     | 1-1/4"      | 1-1/4"        | 2-1/8"      | 3/4-10           | 5         |
| E-8E     | 1-1/4"      | 1"            | 14"         | 3/4-10           | 5         |
| E-8F     | 1-1/4"      | 1"            | 16"         | 3/4-10           | 5         |

\*Above available in complete units or zinc only



## YANMAR MARINE ENGINE

| Part No.             | Zinc Thread Size Metric |
|----------------------|-------------------------|
| C-272100-200300      | M8x1.25MM pitch         |
| C-10421141-300       | M8x1.25MM pitch         |
| For 300 H.P. Engines |                         |
| C-300                | M8x1.25MM pitch         |



## CATERPILLAR MARINE ENGINE

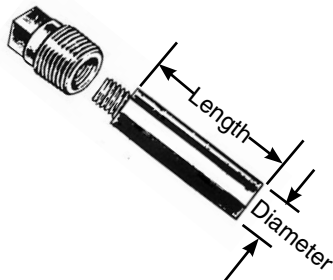
| Part No. | Plug N.P.T. | Zinc Diameter | Zinc Length | Zinc Thread Size |
|----------|-------------|---------------|-------------|------------------|
| 6L2016** | 3/4"        | 3/4"          | 3/4"        | 1/2-13           |
| 6L2280*  | 3/8"        | 1/2"          | 1-5/8"      | 3/8-16           |
| 6L2283** | 1/4"        | 3/8"          | 2-1/2"      | 5/16-18          |
| 6L2288*  | 1/2"        | 5/8"          | 2-1/2"      | 3/8-16           |
| 6L2289** | 1/2"        | 5/8"          | 3"          | 7/16-14          |
| 6L2284*  | 1-1/4"      | 1-1/4"        | 2-1/8"      | 3/4-10           |
| 6L2285*  | 1-1/4"      | 1-1/4"        | 2-5/16"     | 3/4-10           |
| 6L3014** | 1/4"        | 3/8"          | 1-1/2"      | 5/16-18          |

\*\*SOLD COMPLETE ONLY

\*Above available in complete units or zinc only



# CAMP

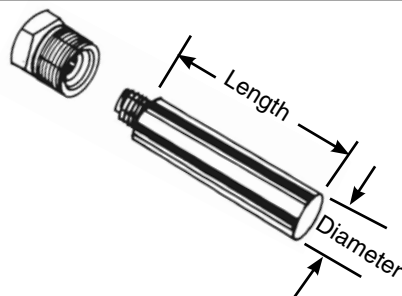


## GM MARINE ENGINES\* AND DETROIT DIESEL ENGINES

| Part No.  | Plug N.P.T. | Zinc Diameter | Zinc Length | Zinc Thread Size |
|-----------|-------------|---------------|-------------|------------------|
| 8515842*  | 3/4"        | 3/4"          | 2-1/8"      | 5/8-11"          |
| 8515850*  | 3/4"        | 3/4"          | 3-3/8"      | 5/8-11"          |
| 8517479*  | 1/2"        | 5/8"          | 2"          | 7/16-14"         |
| 8925832** | 3/8"        | 1/2"          | 1-1/2"      | 3/8-16"          |

\*Above available in complete units or zinc only

\*\*Above available with Brass Hex plug only



## ISUZU MARINE ENGINES

| Part No. | Plug N.P.T. | Zinc Diameter | Zinc Length | Zinc Thread Size |
|----------|-------------|---------------|-------------|------------------|
| E-2A*    | 1/2"        | 5/8"          | 1-1/4"      | 7/16-14          |

\*Above available in complete units or zinc only



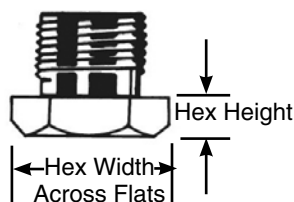
C-94619

## RENAULT MARINE ENGINES

| Part No. | Zinc Thread Size Metric |
|----------|-------------------------|
| C-94619* | M10 x 1.5MM Pitch       |

\*Above available in complete units or zinc only

## TYPE ZDM BRASS RETAINING PLUGS

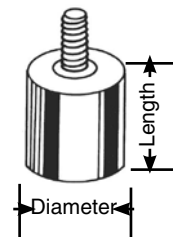


| Part No. | Plug N.P.T. | Hex Height     | Hex Width      | Federal Stock Number | Internal Thread | Use with Element |
|----------|-------------|----------------|----------------|----------------------|-----------------|------------------|
| CGP-375  | 3/8"        | .3125" / 7.9MM | .750" / 19.1MM | -                    | 12-28           | CG-500           |
| CGP-500  | 1/2"        | .375" / 9.5MM  | 1.00" / 25.4MM | -                    | 12-28           | CG-625           |
| CGP-750  | 3/4"        | .375" / 9.5MM  | 1.25" / 31.8MM | 5340-753-3920        | 12-28           | CG-825           |
| CGP-1000 | 1"          | .500" / 12.7MM | 1.50" / 38.1MM | 5340-753-3921        | 12-28           | CG-1050          |

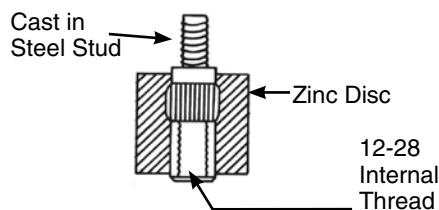
## TYPE ZDM REPLACEMENT ELEMENTS



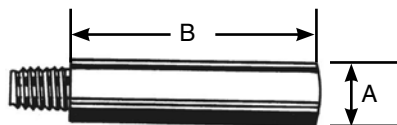
| Part No. | Plug N.P.T. | Zinc Diameter   | Zinc Length    | Federal Stock Number |
|----------|-------------|-----------------|----------------|----------------------|
| CG-500   | 3/8"        | .500" / 19.1MM  | .750" / 19.1MM | 5340-725-3997        |
| CG-625   | 1/2"        | .625" / 15.9MM  | .750" / 19.1MM | 5340-725-3998        |
| CG-825   | 3/4"        | .825" / 21.0MM  | .750" / 19.1MM | 5340-725-3999        |
| CG-1050  | 1"          | 1.050" / 26.7MM | .750" / 19.1MM | 5340-682-2174        |



## CROSS SECTION VIEW



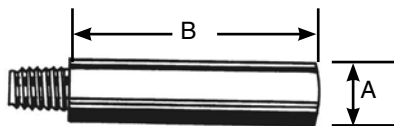
## PENCIL-TYPE E (SPECIAL LENGTHS)



### PENCIL DIMENSIONS

| Part No. | A     |      | B                                               |  | Anode Thread | Plug NPT Size |
|----------|-------|------|-------------------------------------------------|--|--------------|---------------|
|          | In.   | mm.  | Effective Length                                |  |              |               |
| E-0-SPL  | .375  | 9.5  | Available in<br>inch increments<br>from 1" - 6" |  | 1/4-20 NC    | 1/4"          |
| E-1-SPL  | .500  | 12.7 |                                                 |  | 3/8 - 16 NC  | 3/8"          |
| E-2-SPL  | .625  | 15.9 |                                                 |  | 7/16-14 NC   | 1/2"          |
| E-7-SPL  | 1.050 | 26.7 |                                                 |  | 3/4-10 NC    | 1"            |

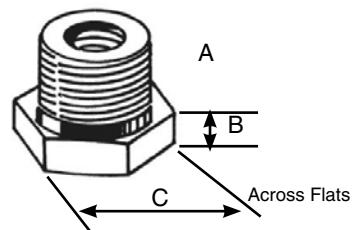
## PENCILS



### PENCIL DIMENSIONS

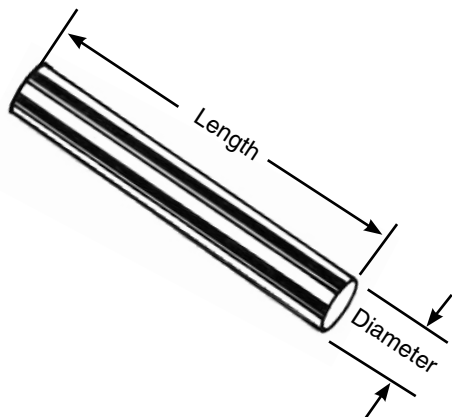
| Part No. | A     |      | B                                               | Anode Thread | Plug NPT Size |
|----------|-------|------|-------------------------------------------------|--------------|---------------|
|          | In.   | mm.  | Effective Length                                |              |               |
| P-375    | .375  | 9.5  | Available in<br>inch increments<br>from 1" - 6" | 3/8 - 16 NC  | 1/4"          |
| P-500    | .500  | 12.7 |                                                 | 3/8 - 16 NC  | 3/8"          |
| P-625    | .625  | 15.9 |                                                 | 3/8 - 16 NC  | 1/2"          |
| P-750    | .750  | 19.1 |                                                 | 5/8 - 11 NC  | 3/4"          |
| P-1050   | 1.050 | 26.7 |                                                 | 3/4 - 10 NC  | 1"            |
| P-840    | .840  | 21.3 |                                                 | 1/2 - 14 NPT | 1"            |

## TYPE ZRN BRASS RETAINING PLUGS



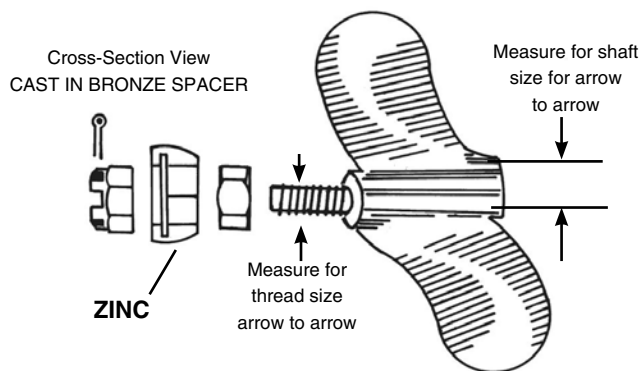
### PLUG DIMENSIONS

| Part No.  | A          | B    |      | C     |      | Internal Thread | Use with Pencil |
|-----------|------------|------|------|-------|------|-----------------|-----------------|
|           | (NPT Size) | in.  | mm.  | in.   | mm.  |                 |                 |
| PP-250-B  | 1/4"       | .250 | 6.6  | .562  | 14.3 | 3/8 - 16 NC     | P-375           |
| PP-375-B  | 3/8"       | .250 | 6.6  | .690  | 17.5 | 3/8 - 16 NC     | P-500           |
| PP-500B   | 1/2"       | .250 | 6.6  | .875  | 22.2 | 3/8 - 16 NC     | P-625           |
| PP-750-B  | 3/4"       | .312 | 7.9  | 1.062 | 26.9 | 5/8 - 11 NC     | P-750           |
| PP-1000-B | 1"         | .500 | 12.7 | 1.50  | 38.1 | 3/4 - 10 NC     | P-1050          |
| PP-1250-B | 1 1/4"     | .375 | 9.5  | 1.750 | 44.6 | 3/4 - 10 NC     | P-1050          |



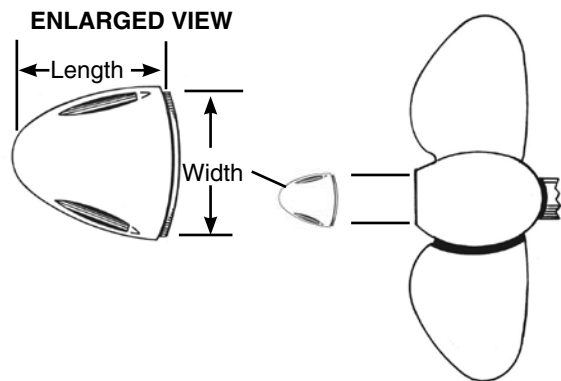
## ZINC ROD

| Part No. | Dia. Inch | Length Inch |
|----------|-----------|-------------|
| ZR-1     | 1/2"      | 72"         |
| ZR-2     | 5/8"      | 72"         |
| ZR-3     | 3/4"      | 72"         |
| ZR-4     | 1"        | 72"         |
| ZR-5     | 1-1/4"    | 24"         |
| ZR-6     | 1-1/2"    | 24"         |
| ZR-7     | 2"        | 24"         |
| ZR-8     | 3"        | 24"         |



## PROPELLER NUTS - PATENT #259811

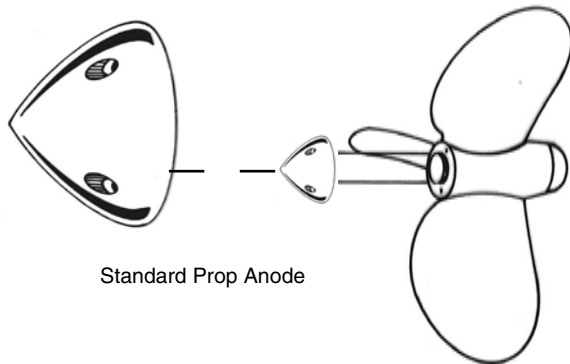
| Zinc Only<br>Part No. | Brass Nut<br>Kit Only<br>Part No. | Shaft<br>Size | Thread<br>Size |
|-----------------------|-----------------------------------|---------------|----------------|
| P-1                   | PN-1                              | 3/4"          | 1/2-13         |
| P-2                   | PN-2                              | 7/8"          | 5/8-11         |
| P-3&4                 | PN-3&4                            | 1" & 1-1/8"   | 3/4-10         |
| P-5                   | PN-5                              | 1-1/4"        | 7/8-9          |
| P-6                   | PN-6                              | 1-3/8"        | 1-8            |
| P-7                   | PN-7                              | 1-1/2"        | 1-1/8-7        |
| P-8                   | PN-8                              | 1-3/4"        | 1-1/4-7        |
| P-9                   | PN-9                              | 2"            | 1-1/2-6        |



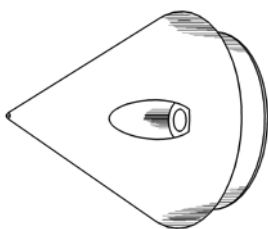
## PROWELL PROPELLERS

| Part No. | Length | Width  |
|----------|--------|--------|
| GER-1    | 2-1/2" | 2-1/2" |
| GER-2    | 2-5/8" | 3-1/4" |

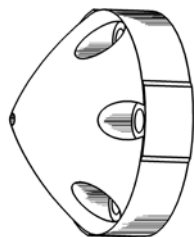
## ENLARGED VIEW



Standard Prop Anode



Two Blade Prop Anode



Universal Anode

## MAXI-PROP PROPELLERS

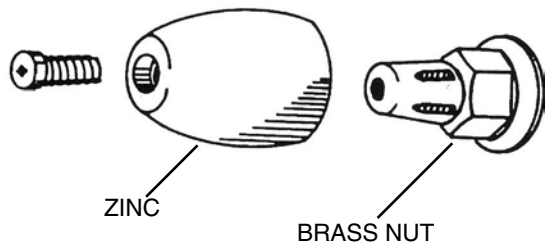
| Part No. | Shaft Size Inches  | Shaft Size Millimeters |                                    |
|----------|--------------------|------------------------|------------------------------------|
| 63M      | 3/4, 7/8, 1, 1-1/8 | 22, 25, 28             | For 2001 and Older Propellers Only |
| 63M-2    | 3/4, 7/8, 1, 1-1/8 | 22, 25, 28             | For 2002 Propellers                |
| 63M-3    | 3/4, 7/8, 1, 1-1/8 | 22, 25, 28             | For 2003 Propellers and Newer      |
| 63M-4    | 3/4, 7/8, 1, 1-1/8 | 22, 25, 28             | Universal Anode                    |
| 63M-2B   | 3/4, 7/8, 1, 1-1/8 | 22, 25, 28             | For Two Blade Propellers           |
| 70M      | 1-1/4, 1-3/8       | 30, 35                 | For 2001 and Older Propellers Only |
| 70M-2    | 1-1/4, 1-3/8       | 30, 35                 | For 2002 Propellers                |
| 70M-3    | 1-1/4, 1-3/8       | 30, 35                 | For 2003 Propellers and Newer      |
| 70M-4    | 1-1/4, 1-3/8       | 30, 35                 | Universal Anode                    |
| 83M      | 1-1/2, 1-3/4       | 38, 40                 | For 2003 and Older Propellers Only |
| 83M-4    | 1-1/2, 1-3/4       | 38, 40                 | Universal Anode                    |
| 100M     | 2                  | 45, 50                 |                                    |

\*After Installing Anode Check for Proper Propeller Blade Clearance Before Starting Engine.

## MAXI-PROP PROPELLER SCREWS

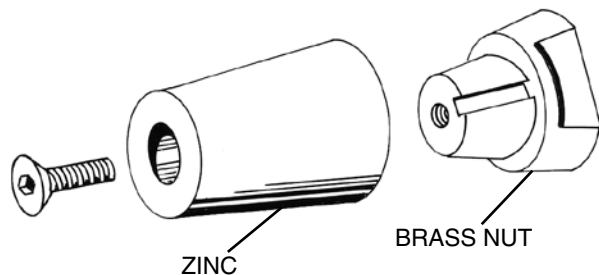
| Part No. | Description                              |
|----------|------------------------------------------|
| 63-70    | Metric Screws for 63M, 63M-2, 70M, 70M-2 |
| 83-100   | Metric Screws for 83M, 100M              |
| N63-N70  | Metric Screws for 63M-3, 70M-3           |
| U83      | Metric Screws for 83M-4                  |
| U63-U70  | Metric Screws for 63M-4, 70M-4           |
| 63-2B    | Metric Screws for 63M-2B                 |

## PROPELLER NUTS



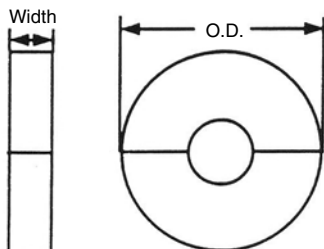
| Zinc Only Part No. | Zinc Outside Dia. | Brass Nut Kit Only Part No. | Shaft Size  | Thread Size |
|--------------------|-------------------|-----------------------------|-------------|-------------|
| AA                 | 1-1/4"            | AN                          | 3/4"        | 1/2-13      |
| BB                 | 1-5/8"            | BN                          | 7/8"        | 5/8-11      |
| CC                 | 2"                | CN                          | 1" & 1-1/8" | 3/4-10      |
| DD                 | 2-5/16"           | DN                          | 1-1/4"      | 7/8-9       |
| EE                 | 2-1/2"            | EN                          | 1-3/8"      | 1-8         |
| FF                 | 2-3/4"            | FN                          | 1-1/2"      | 1-1/8-7     |
| GG                 | 2-13/16"          | GN                          | 1-3/4"      | 1-1/4-7     |
| HH                 | 3-13/64"          | HN                          | 2"          | 1-1/2-6     |

## BEN-NET-EAU PROPELLER NUTS



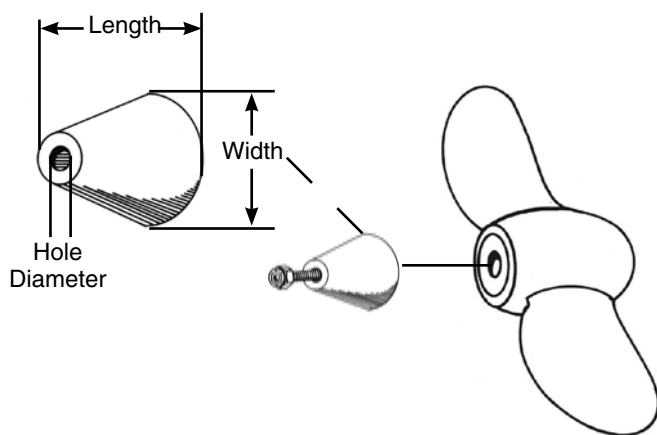
| Zinc Only Part No. | Brass Nut Kit Only Part No. | Shaft Thread Size | Shaft Size | Screw Only Part No. |
|--------------------|-----------------------------|-------------------|------------|---------------------|
| 22/25MM            | 2250                        | M16x1.5           | 22MM-25MM  | SM 6x16             |
| 30MM               | 2300                        | M20x1.5           | 30MM       | SM 8x20             |
| 35MM               | 2350                        | M24x2             | 35MM       | SM 8x20             |
| 40MM               | 2400                        | M24x2             | 40MM       | SM 8x25             |
| 45MM               | 2450                        | M30x2             | 45MM       | SM 10x25            |

## BEN-NET-EAU DONUT COLLARS FOR SHAFT



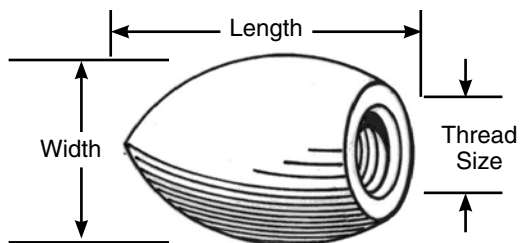
| Part No. | Shaft Size | O.D. | Width |
|----------|------------|------|-------|
| BD 25    | 25MM       | 3"   | 5/8"  |
| BD 30    | 30MM       | 3"   | 5/5"  |

## ENLARGED VIEW



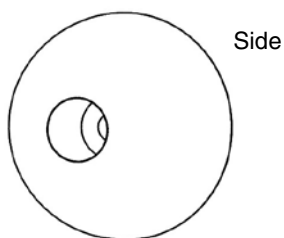
## FEATHERING PROPELLERS

| Part No. | Length   | Width    | Hole Diameter |
|----------|----------|----------|---------------|
| 2-BFP    | 2-11/32" | 2-1/4"   | 5/16"         |
| 3-BFP    | 2-15/16" | 2-23/32" | 3/8"          |

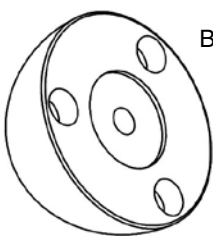


## ACORN NUT ESSEX STYLE

| Part No. | Thread Size | Length   | Width   |
|----------|-------------|----------|---------|
| ZPC-1    | 3/4-10      | 2-1/8"   | 1-1/2"  |
| ZPC-2    | 3/4-10      | 2-15/16" | 1-7/8"  |
| ZPC-3    | 3/4-10      | 3-1/16"  | 2-7/32" |



Side

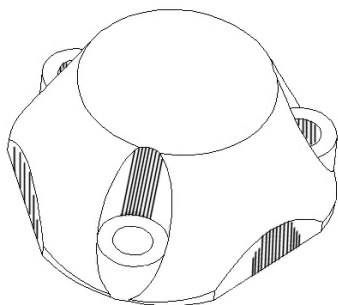


Bottom

## FLEX-O-FOLD

| Part No. | Length | Width  |
|----------|--------|--------|
| FX       | 1-1/2" | 2-5/8" |

\*After Installing Anode Check for Proper Propeller Blade Clearance Before Starting Engine.



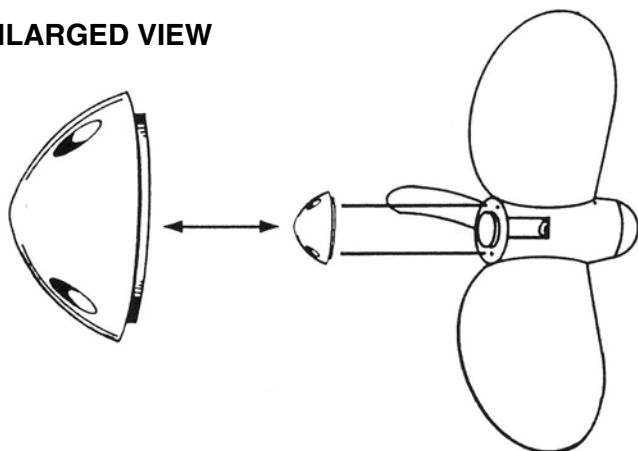
## AUTO PROP

| Part No. | Propellar              |
|----------|------------------------|
| H-5      | H-5, H-5BB, Sail Drive |
| H-6      | H-6                    |
| H-9      | H-9                    |

\*Screws Included

\*After Installing Anode Check for Proper Propeller Blade Clearance Before Starting Engine.

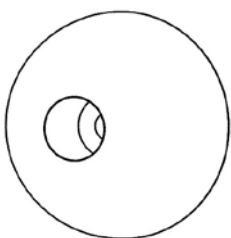
## ENLARGED VIEW



## VARI-PROP PROPELLERS

| Part No. | Shaft Size Inches | Shaft Size Millimeters | Propellar Part No. |
|----------|-------------------|------------------------|--------------------|
| DF-80    | .750 to 1.00      | 20 to 25               | DF-80              |
| DF-107   | 1.00 to 1.400     | 25 to 35               | DF-107             |
| DF-112   | 1.380 to 1.630    | 35 to 40               | DF-112             |

\*After Installing Anode Check for Proper Propellar Blade Clearance Before Starting Engine.



## VARIPROFILE PROPELLERS

**Part No.**  
VP-64  
VP-76

## MERCURY OUTDRIVE

| Part No. | Std. Box |
|----------|----------|
|----------|----------|

|                            |    |
|----------------------------|----|
| *31640                     | 40 |
| *31640AL (Aluminum Anode)  | -  |
| *34127                     | 5  |
| 34762                      | 10 |
| *43994A                    | 10 |
| 46399                      | 20 |
| C55989                     | -  |
| 55989AL (Aluminum Anode)   | -  |
| A76214                     | 20 |
| 76214-4 (No Threads)       | -  |
| 806105                     | -  |
| 806105AL (Aluminum Anode)  | -  |
| 806188                     | -  |
| 806188AL (Aluminum Anode)  | -  |
| 806189                     | -  |
| 806189AL (Aluminum Anode)  | -  |
| 806190                     | 26 |
| 806190AL (Aluminum Anode)  | -  |
| 809660                     | -  |
| 809662                     | -  |
| 809664                     | -  |
| 809666                     | -  |
| 809670                     | -  |
| 815933                     | 10 |
| 817373                     | 5  |
| 821629AL (Aluminum Anode)  | -  |
| 821630                     | 5  |
| 821630AL (Aluminum Anode)  | -  |
| 821631                     | 5  |
| 821631AL (Aluminum Anode)  | -  |
| *822777                    | 5  |
| 847635                     | -  |
| 76214-5                    | 20 |
| 76214-5AL (Aluminum Anode) | -  |
| **865182A01                | -  |

\*After Installing New Anode, Always Check Propeller Clearance Before Starting Engine.

\*\*Includes Mounting Hardware.

NOTE: Aluminum Anodes Come with Mounting Hardware & Instructions.



\*31640



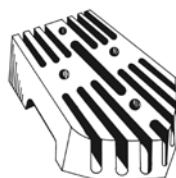
\*31640AL  
(Aluminum Anode)



34762



\*34127



43994A



\*46399



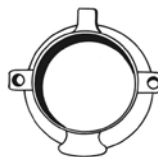
C55989



55989AL  
(Aluminum Anode)



A76214



806105  
ALPHA



806188  
BRAVO



Side View



806189  
ALPHA



806190  
BRAVO



806105AL  
ALPHA



806188AL  
BRAVO



Side View



(Aluminum Anodes)



806189AL  
ALPHA



806190AL  
BRAVO



809660  
809662  
809664  
809666  
809670



76214-4  
(No Threads)



815933  
ALPHA



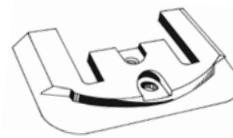
821629AL  
ALPHA  
(Aluminum Anode)



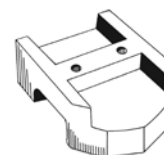
817373  
BRAVO



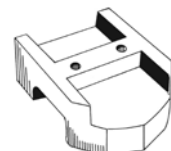
821630  
BRAVO



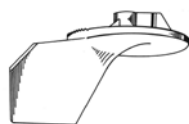
821630AL  
BRAVO  
(Aluminum Anode)



821631



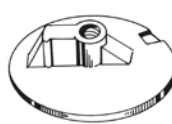
821631AL  
(Aluminum Anode)



\*822777



847635



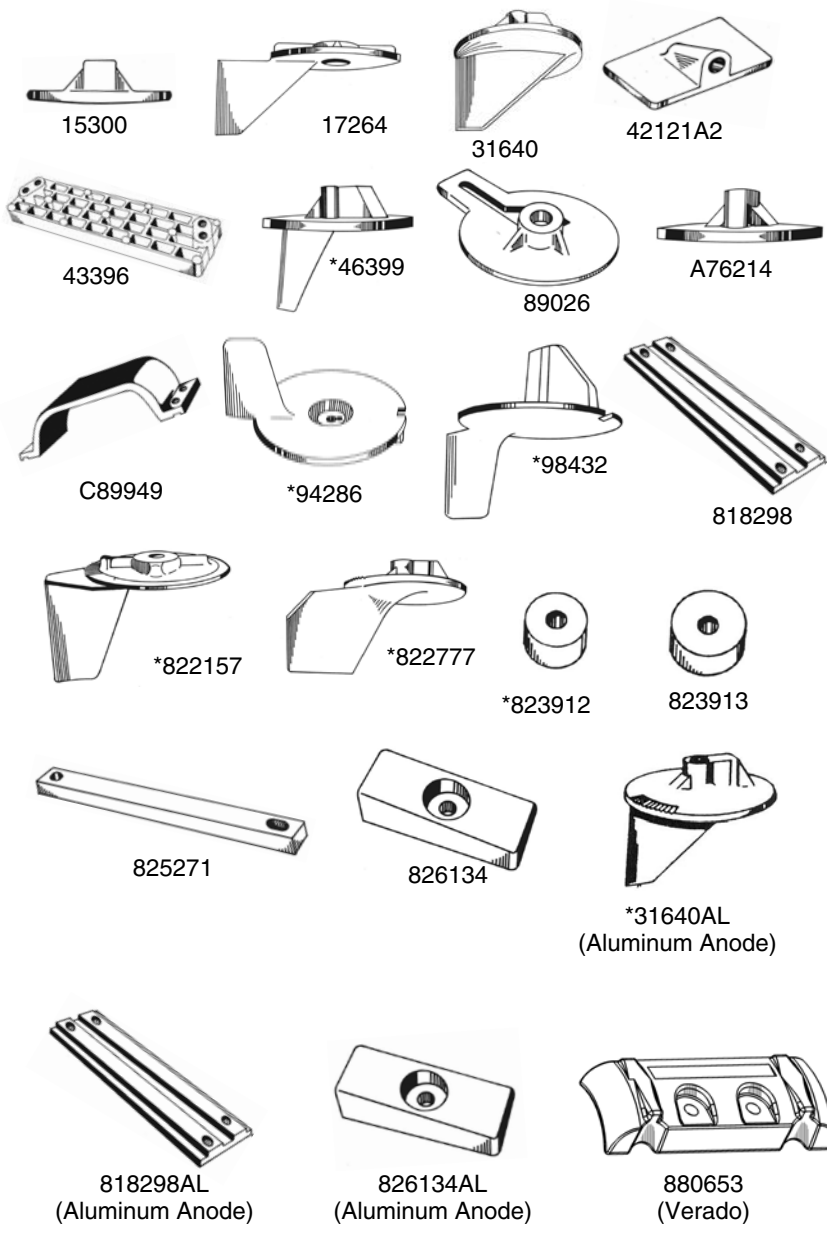
76214-5



76214-5AL  
(Aluminum Anode)



865182A01  
BRAVO

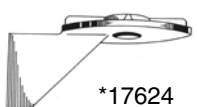
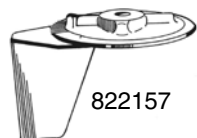
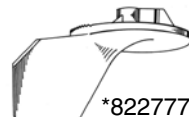
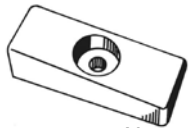


## MERCURY OUTBOARD

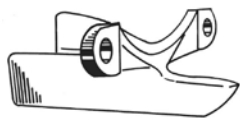
| Part No.                  | H.P.                                | Model Year                   | Std. Box |
|---------------------------|-------------------------------------|------------------------------|----------|
| 15300                     |                                     |                              | -        |
| *17264                    | 55 H.P..                            | Sea Pro Only<br>1996 & Newer | -        |
| *31640                    |                                     |                              | 40       |
| *31640AL (Aluminum Anode) |                                     |                              | -        |
| 42121A2                   |                                     |                              | -        |
| 43396                     | 75-115                              |                              | 5        |
| *46399                    |                                     |                              | 20       |
| 89026                     |                                     |                              | -        |
| A76214                    |                                     |                              | 20       |
| C89949                    |                                     |                              | 5        |
| *94286                    | 25                                  | To 1983                      | 6        |
| *98432                    | 20-25 Outboard                      | 1984 & Newer                 | -        |
| 818298                    |                                     |                              | -        |
| 818298AL (Aluminum Anode) |                                     |                              | -        |
| *822157                   | 30 H.P. Sea Pro<br>50 H.P. 4 Stroke | 1996                         | -        |
| *82277                    |                                     |                              | 5        |
| 823912                    |                                     |                              | -        |
| 823913                    |                                     |                              | -        |
| 825271                    |                                     |                              | -        |
| 826134                    |                                     |                              | -        |
| 826134AL (Aluminum Anode) |                                     |                              | -        |
| 880653 (Verado)           |                                     |                              | -        |
| 892227 (Verado) [893404]  |                                     |                              | -        |

\*After Installing New Anode, Always Check Propeller Clearance Before Starting Engine.

## MARINER OUTBOARD

|                                                                                     |                                                                                     |                                                                                     |                                                                                   | Part No.                     | H.P.                                 | Model Year                   | Std. Box |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------|------------------------------|----------|
|    |    |    |  | 11922M                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 15300                        |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 17264*                       | 55                                   | Sea Pro Only<br>1996 & Newer | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 18852M                       |                                      |                              | -        |
|     |    |    |  | 19235M                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 31640*                       |                                      |                              | 40       |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 31640AL* (Aluminum Anode)    |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 42121A2                      |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 43107M                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | A76214                       |                                      |                              | 20       |
|    |    |    |  | 810945M                      |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 811990M                      |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 818298                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 818298AL (Aluminum Anode)    |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 822157*                      | 30 H.P. Sea Pro<br>50 H. P. 4 Stroke | 1996                         | -        |
|    |    |    |  | *822777                      |                                      |                              | 5        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 823912                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 823913                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 825271                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 826134                       | 60-225                               |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 826134AL (Aluminum Anode)    |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 82795M*                      |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 83394M                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 84422M                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 84506M                       |                                      |                              | -        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | C89949                       |                                      |                              | 5        |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 98432*                       | 20-25 Outboard                       | 1984 & Newer                 | -        |
|  |  |  |                                                                                   | 826134AL<br>(Aluminum Anode) |                                      |                              |          |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | *31640AL<br>(Aluminum Anode) |                                      |                              |          |
|                                                                                     |                                                                                     |                                                                                     |                                                                                   | 818298AL<br>(Aluminum Anode) |                                      |                              |          |

\*After Installing New Anode, Always Check Propeller Clearance Before Starting Engine



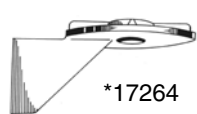
820444



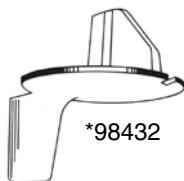
820503

## MERCURY POWER JET

| Part No. | H.P.   |
|----------|--------|
| 820444   | 90-120 |
| 820503   |        |



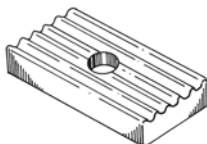
\*17264



\*98432



523485



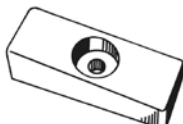
819232



\*822157



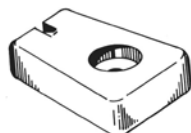
825271



826134



F5H025



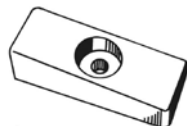
F707485



\*817795A 1



819011C



826134AL  
(Aluminum Anode)

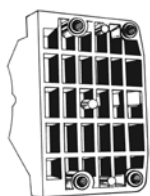
## FORCE OUTBOARD

| Part No.                  | H.P.           | Model Year     |
|---------------------------|----------------|----------------|
| *17264                    | 60 & 75 H.P.   | 1995 and Newer |
| *98432                    | 20-25 Outboard | 1984 and Newer |
| 523485                    |                |                |
| 819011C                   |                |                |
| 819232                    |                |                |
| *822157                   | 40 to 50 H.P.  | 1996           |
| 825271                    | 30 and 50 H.P. | 1996 and Newer |
| 826134                    | 90 to 120 H.P. |                |
| 826134AL (Aluminum Anode) |                |                |
| F5H025                    |                |                |
| F707485                   |                |                |
| *817795A 1                |                |                |

\*After Installing New Anode, Always Check Pr? Clearance Before Starting Engine.

## OMC OUTDRIVE

| Part No.                   | Length | Distance Between Hole Centers | Std. Box |
|----------------------------|--------|-------------------------------|----------|
| 367                        | 7-5/8" | 6-15/16"                      | 20       |
| 393023                     | -      | -                             | 20       |
| 397768                     | -      | -                             | -        |
| 397768AL (Aluminum Anode)  | -      | -                             | -        |
| 436745AL (Aluminum Anode)  | -      | -                             | -        |
| C980756                    | -      | -                             | 20       |
| 982438                     | -      | -                             | 5        |
| 983494                     | -      | -                             | 10       |
| 983952                     | -      | -                             | 5        |
| 984513                     | -      | -                             | 5        |
| 984547                     | -      | -                             | 4        |
| 986158                     | -      | -                             | -        |
| 987067                     | -      | -                             | -        |
| 3854130                    | -      | -                             | -        |
| 3854130AL (Aluminum Anode) | -      | -                             | -        |
| 3855411                    | -      | -                             | -        |



C980756



983494



367



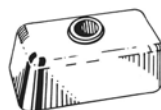
982438



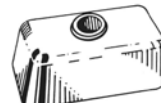
C393023  
COBRA



436745AL  
393023AL  
COBRA  
(Aluminum Anode)



397768  
KING COBRA



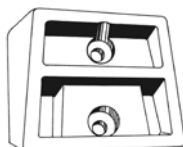
397768AL  
KING COBRA  
(Aluminum Anode)



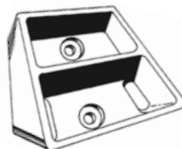
3854130



3854130AL  
(Aluminum Anode)



984547  
COBRA



983952  
COBRA



984513  
COBRA



986158  
COBRA

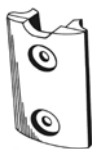
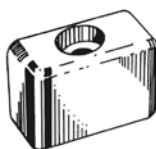
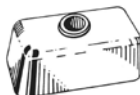
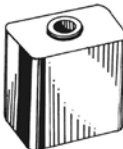


987067  
COBRA



New Generation  
Low Profile  
3855411

## JOHNSON & EVINRUDE OUTBOARD

|                                                                                     |                                                                                     | Part No.                                                                            | H.P.                                                                                 | Model Year                                                                           | Std. Box |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|
|    |    | C392123                                                                             |                                                                                      |                                                                                      | 10       |
| 433580                                                                              | 433580AL<br>(Aluminum Anode)                                                        | C393023                                                                             | 90-225                                                                               | 1991 to Present                                                                      | 20       |
|                                                                                     |                                                                                     | 393023AL                                                                            | 90-225                                                                               | 1991 to Present                                                                      | -        |
|                                                                                     |                                                                                     | 392462                                                                              | 50-75                                                                                | 1982 to Present                                                                      | 10       |
|                                                                                     |                                                                                     | 395780                                                                              |                                                                                      | 1984 to Present                                                                      | -        |
|                                                                                     |                                                                                     | 397768                                                                              | 8 Cylinder Outboards                                                                 | 1985 to Present                                                                      | -        |
|    |    | 397768AL                                                                            |                                                                                      |                                                                                      | -        |
| C173                                                                                | C392123                                                                             | 398331                                                                              |                                                                                      |                                                                                      | -        |
|                                                                                     |                                                                                     | 398331AL                                                                            |                                                                                      |                                                                                      | -        |
|                                                                                     |                                                                                     | C173                                                                                | For All Outboards                                                                    |                                                                                      | -        |
|                                                                                     |                                                                                     | 431708                                                                              | 40 H.P. thru V8                                                                      | 1988 to 1991                                                                         | -        |
|                                                                                     |                                                                                     | 433458AL                                                                            |                                                                                      |                                                                                      | -        |
|    |    | 433580                                                                              | 50-225                                                                               | 1991 to Present                                                                      | -        |
| 392462                                                                              | 431708                                                                              | 433580AL                                                                            | 50-225                                                                               | 1991 to Present                                                                      | -        |
|                                                                                     |                                                                                     | 434029                                                                              | 25-35                                                                                |                                                                                      | -        |
|                                                                                     |                                                                                     | 436745AL                                                                            | 90-225                                                                               | 1991 to Present                                                                      | -        |
|                                                                                     |                                                                                     | 5030907                                                                             | 4 Stroke Outboards                                                                   | 2003 and Newer                                                                       | -        |
|    |   |   |   |  |          |
| 395780                                                                              | 398331                                                                              | 433458AL<br>398331AL<br>(Aluminum Anode)                                            | 397768                                                                               | 397768AL<br>(Aluminum Anode)                                                         |          |
|  |  |  |  |                                                                                      |          |
| C393023                                                                             | 436745AL<br>393023AL<br>(Aluminum Anode)                                            | 434029                                                                              | 5030907                                                                              |                                                                                      |          |



C389999

## OMC SAIL DRIVE

Part No.  
C389999



C983191

## SEA SAIL DRIVE

Part No.  
C983191

## YAMAHA OUTBOARD



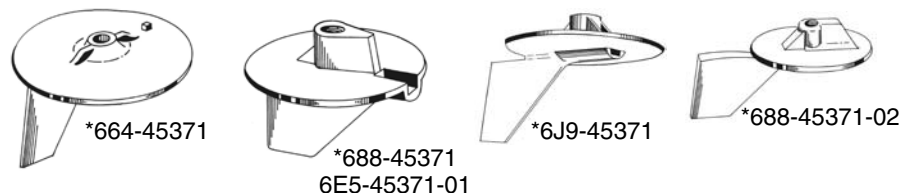
6E5-11325

6E5-45251

688-45251

6H1-45251

6G5-45251



\*664-45371

\*688-45371  
6E5-45371-01

\*6J9-45371

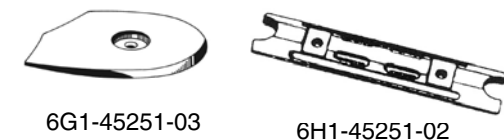
\*688-45371-02



\*\*61A-45371

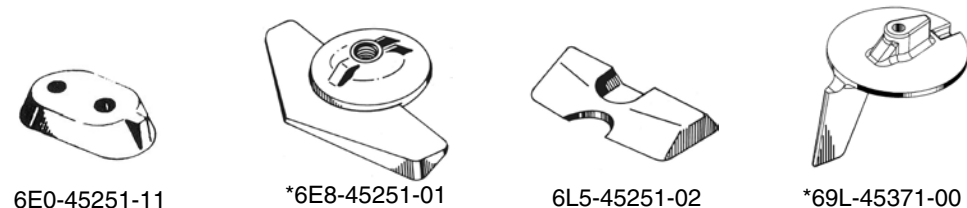
\*6K1-45371-02  
Counter Rotation Only

\*6K1-45371-00  
Counter Rotation Only



6G1-45251-03

6H1-45251-02

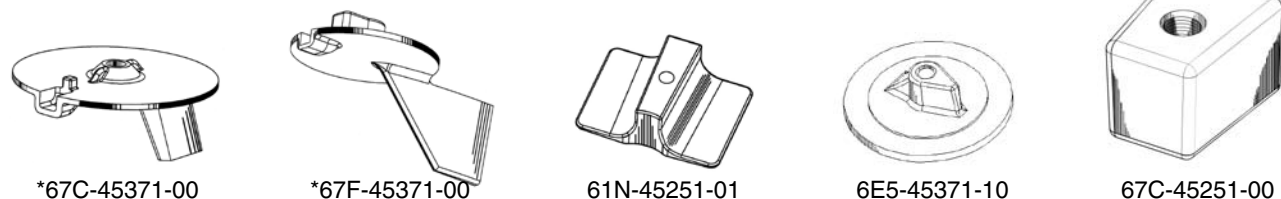


6E0-45251-11

\*6E8-45251-01

6L5-45251-02

\*69L-45371-00



\*67C-45371-00

\*67F-45371-00

61N-45251-01

6E5-45371-10

67C-45251-00

| Part No.                            | H.P.    | Std. Box |
|-------------------------------------|---------|----------|
| 6E5-11325                           | -       | -        |
| 6E5-45251                           | 115-200 | -        |
| 688-45251                           | 40-90   | -        |
| 688-45371*                          | -       | 5        |
| 664-45371*                          | -       | 5        |
| 688-45371-02*                       | -       | 5        |
| 6G5-45251                           | 115-200 | 10       |
| 6J9-45371                           | -       | 10       |
| 6H1-45251                           | 40-90   | 5        |
| 61A-45371*                          | 225-250 | 5        |
| 6K1-45371-00 Counter Rotation Only* | -       | 5        |
| 6K1-45371-02 Counter Rotation Only* | -       | 5        |
| 6E0-45251-11                        | -       | -        |
| 6E8-45251-01                        | -       | -        |
| 6L5-45251-02                        | -       | -        |
| 6G1-45251-03                        | -       | -        |
| 6H1-45251-02                        | -       | -        |
| 67C-45251-00                        | -       | -        |
| 67C-45371-00*                       | -       | -        |
| 67F-45371-00*                       | -       | -        |
| 61N-45251-01                        | -       | -        |
| 6E5-45371-10                        | -       | -        |
| 69L-45371-00*                       | -       | -        |

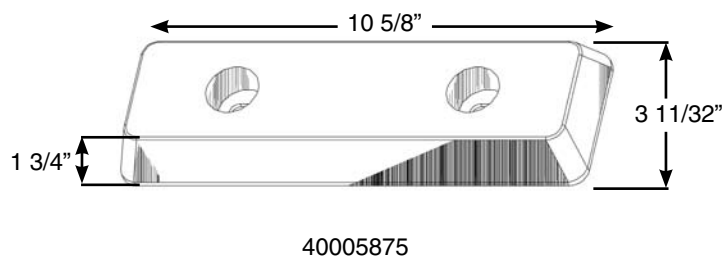
\*After Installing New Anode, Always Check Propeller Clearance Before Starting Engine.

\*For more prop clearance, use part #69L-45371-00 in place of this part.

## VOLVO OUTDRIVE

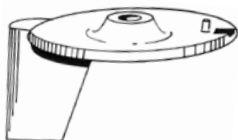


| Part No.       | Model         | Std. Box |
|----------------|---------------|----------|
| V-15(875810-4) | 100           | -        |
| V-16(875809-6) | 200           | -        |
| V-17(875805-4) | 250-275       | -        |
| V-18(875815-3) | 270T-280      | 10       |
| 823661         | Diesel        | -        |
| 832598         | 250-270       | 20       |
| 838929         |               | -        |
| 852835         | 290B          | 10       |
| 875812         | 110 Sail Dr.  | -        |
| 875821         | Duo Prop      | 5        |
| 876286-6       | 120           | -        |
| 3855411-2      |               | -        |
| 3854130        |               | -        |
| 3854130-AL     |               | -        |
| 3588745        | DPH & DPR     | -        |
| 3588746        | DPH           | -        |
| 3888814        | DPR           | -        |
| 872139         | DPX           | -        |
| 872793         | DPX           | -        |
| 852018         |               | -        |
| 873395         |               | -        |
| 3586963        | Kit w/ Screws | -        |
| 3858399        | Kit w/ Screws | -        |
| 40005875       | IPS           | -        |

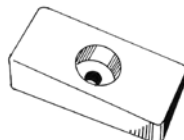




41106-935-812



\*41107-ZV5-000

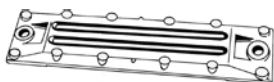


41109-ZW1-003

## HONDA OUTBOARDS

**Part No.**  
 41106-935-812  
 41107-ZV5-000\*  
 41109-ZW1-003  
 06411-ZV5-000  
 06411-ZW1-000  
 41109-ZW1-B00

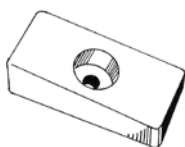
\*After Installing New Anode, Always Check Propeller Clearance Before Starting Engine.



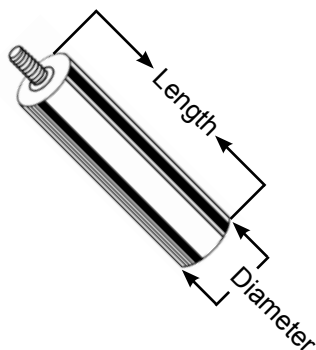
06411-ZW1-000/  
 06411-ZW1-020



06411-ZV5-000



41109-ZW1-B00



## BUKH DIESEL

| Part No. | Stud Thread    | Zinc Diameter | Zinc Length |
|----------|----------------|---------------|-------------|
| ZBU1     | 5 mmx .8 pitch | 11.50 mm      | 33 mm       |

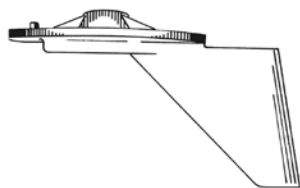


271001487

## SEA DOO KIT

**Part No.**  
 271001487\*

\*Includes mounting screw



\*6T5-45371-00

## YAMAHA OUTDRIVE ANODE

| Part No.      | H.P.    | Std. Box |
|---------------|---------|----------|
| *6T5-45371-00 | 110-240 | -        |

\*After Installing New Anode, Always Check Propeller Clearance Before Starting Engine



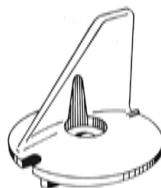
3B760-2180



\*34860-2170M



33860-2181

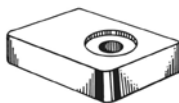


\*3B7-602170

## NISSAN & TOHATSU OUTBOARD

| Part No.     | H.P.   | Std. Box |
|--------------|--------|----------|
| 33860-2181   | 40-70  | -        |
| *34860-2170M | 40-70  | 5        |
| *3B7-602170  | 90     | -        |
| 3B760-2180   | 50-140 | -        |

\*After Installing New Anode, Always Check Propeller Clearance Before Starting Engine



55320-95310



\*55125-87D00



\*55125-9630



\*55125-87E01



\*55125-94502

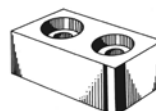


\*55125-94400

## SUZUKI OUTBOARDS

| Part No.     | H.P.    | Std. Box |
|--------------|---------|----------|
| 55320-95310  | 55-140  | -        |
| 55321-94900  | 115-140 | -        |
| *55125-9630  | 20-30   | -        |
| *55125-87D00 | 150-200 | 5        |
| *55125-94502 | 115-140 | -        |
| *55125-94400 |         | -        |
| *55125-87E01 | 90      | -        |
| 41810-87D00  | 90      | -        |

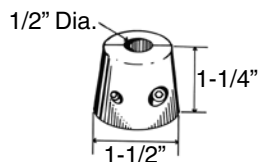
\*After Installing New Anode, Always Check Propeller Clearance Before Starting Engine



41810-87D00



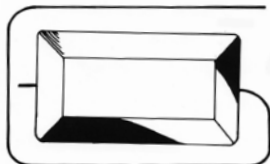
55321-94900



## DE-ICERS

| Part No.   | Shaft Size |
|------------|------------|
| X-0/243475 | 1/2"       |

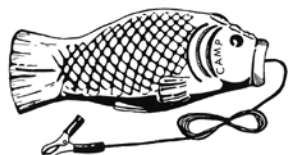
## HULL PLATE WITH BONDING WIRE\*



| Part No. | Length | Width  | Thickness |
|----------|--------|--------|-----------|
| CZP-1    | 4-1/2" | 2-1/2" | 11/16"    |
| CZP-2    | 6"     | 3"     | 3/4"      |
| CZP-3    | 6"     | 4"     | 3/4"      |
| CZP-4    | 9"     | 5"     | 13/16"    |

\*No. 12 Copper - 14" Long

## GROUPE



| Part No. | Description                                                                                                                                 |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------|
| GP-1     | Zinc Grouper comes with 20ft. of galvanized wire rope and an electrical contractor with instruction sheet enclosed. Nominal weight - 6 lbs. |

## CRAB TRAP



| Part No. | Description                                                                          |
|----------|--------------------------------------------------------------------------------------|
| CT-1     | Crab Trap Zinc with cast-in galvanized wire for grounding. Nominal weight - 3/4 lbs. |

## SEA STRAINER



SZ-1

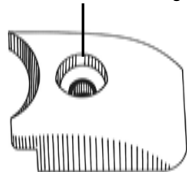


DOK

| Part No. | Length | Width  | Center Distance Between Holes |
|----------|--------|--------|-------------------------------|
| SZ-1     | 3-7/8" | 1-1/2" | 1-1/2"                        |
| DOK      | 3-3/8" | 1-1/4" | 1-27/32"                      |

## KEEL COOLER

Cast in Brass Bushing

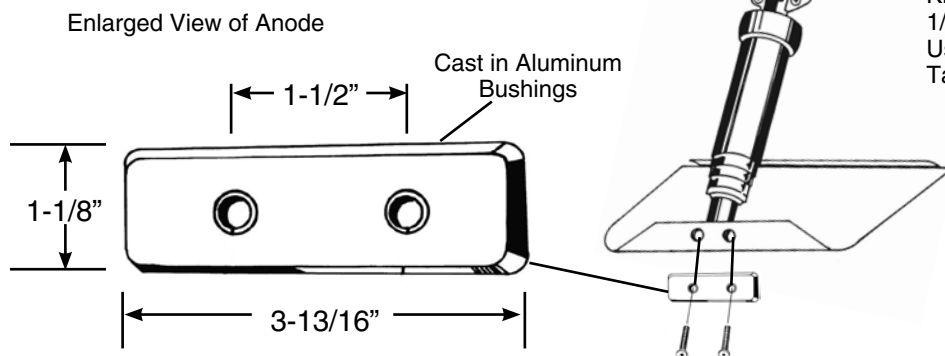


| Part No. | Description                                                                                |
|----------|--------------------------------------------------------------------------------------------|
| Z-1      | For size 1/2", 3/4", 1" Single Stem & 1-1/4" & 1-1/2" Double Stem 4 tube 1 - 1-1/8" fluted |
| Z-2      | For size 1-1/4" & 1-1/2", 1" Single Stem & 2-1/2" Double Stem 4 tube 1-1/2" turbo tube     |
| Z-3      | For size 2", 2-1/2", 3", 4" Single Stem & 3" & 4" Double Stem                              |
| X-45-3   | For 2 tubes 3/4", 1", 1-1/4", 1-1/2" ends                                                  |
| X-47-3   | For 4 tubes 1", 1-1/4", 2" ends                                                            |
| X-48-3   | For 6 tubes 2-1/2" ends                                                                    |
| X-58     | May be cut to fit                                                                          |
| X-60-3   | For 8 tubes                                                                                |
| X-61-3N  | For 6 tubes                                                                                |

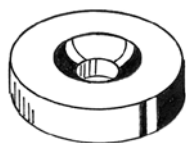
## BENETT TRIM TAB KIT

**Part No.**  
BNT-1

Kit Includes Two (2) Anodes and Four (4) 1/4"-20 x 1-1/4" Long Stainless Screws. Uses Existing Holes on Most Polypular Trim Tabs.



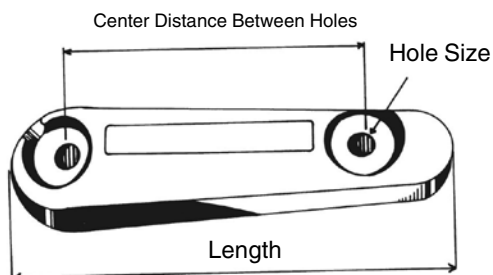
## FRIGOBOAT



E51525

| Part No. | Diameter | Thickness | Hole Diameter |
|----------|----------|-----------|---------------|
| E51525   | 1-23/64" | 9/32"     | 17/64"        |

## ARNESON OUTDRIVE



| Part No. | Length  | Center Distance Between Holes | Hole Size |
|----------|---------|-------------------------------|-----------|
| ARN-L    | 7-7/16" | 5"                            | 25/64"    |
| ARN-S    | 6-1/8"  | 3-1/2"                        | 5/16"     |

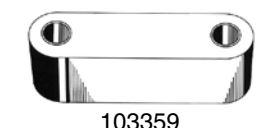
## WESMAR THRUSTERS



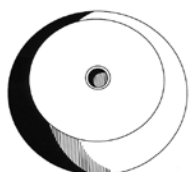
| Part No. | Prop Size |
|----------|-----------|
| B        | up to 12" |
| C        | over 12"  |

## HAMILTON JET

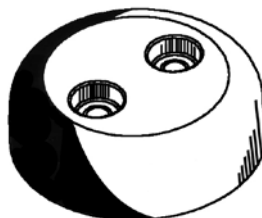
| Part No. | Center Distance Between Holes |
|----------|-------------------------------|
| 011059   | 2-3/8"                        |
| 103359   | 2-1/4"                        |
| 104634   | 3-1/8"                        |
| 102185   |                               |
| 105447   |                               |
| 111593   |                               |
| 111644   |                               |
| 103862   | 2-3/4"                        |
| 112657   |                               |
| 107890   |                               |



103359



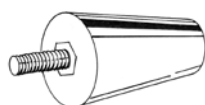
102185



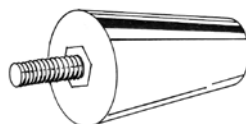
103862



104634



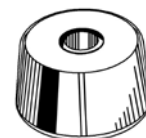
111593



111644



105447



112657

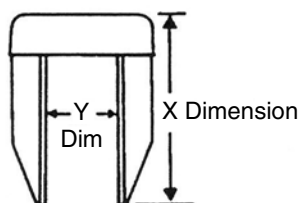
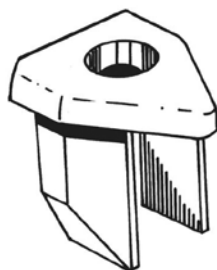


011059



107890

## LINE CUTTERS

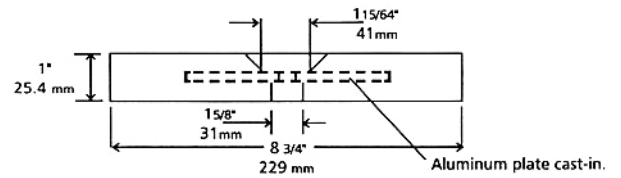
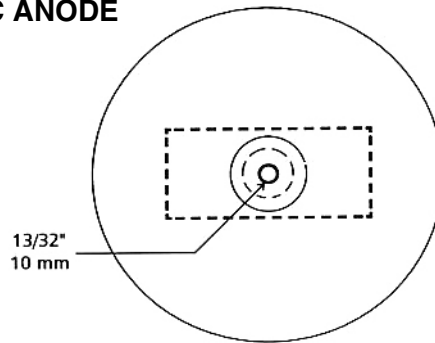


| Part No. | Y Dimension | X Dimension |
|----------|-------------|-------------|
| A        | .367        | .680        |
| B        | .400        | .680        |
| C-D-E    | .520        | 1.250       |

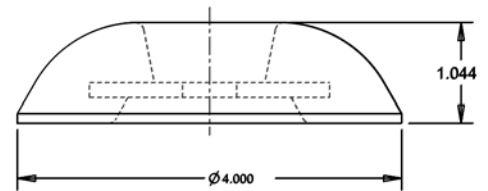
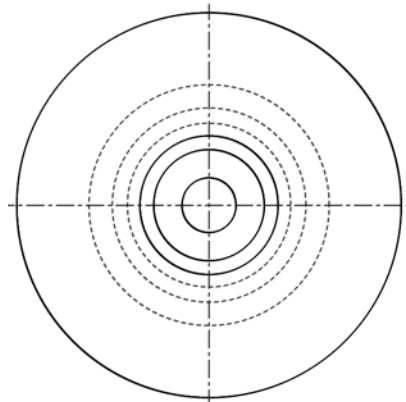
## DISC ANODE

CAT.  
NO.

ZD-55



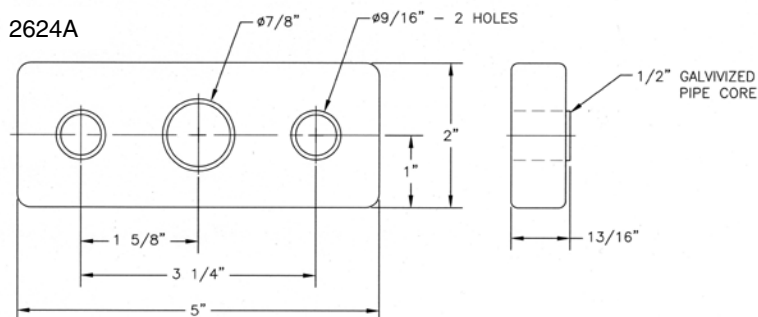
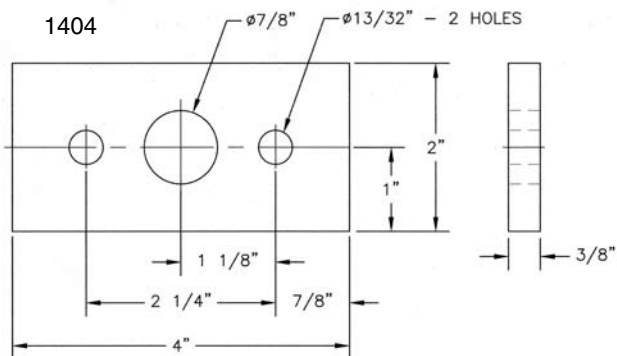
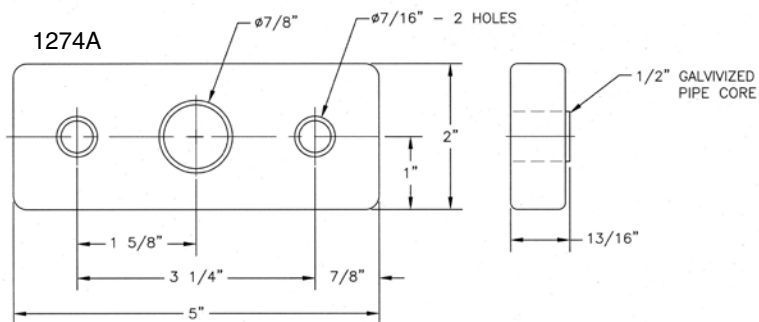
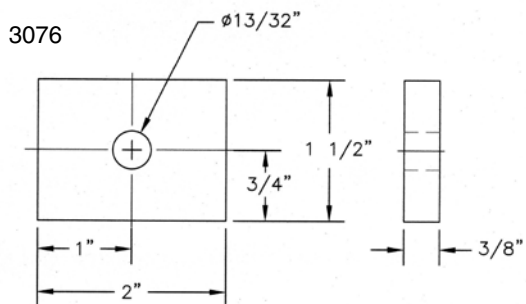
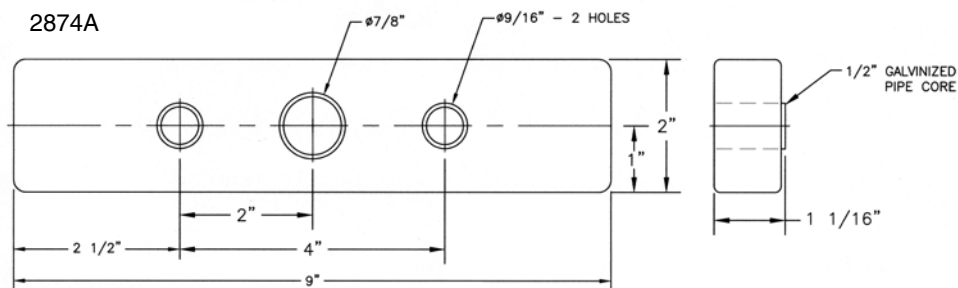
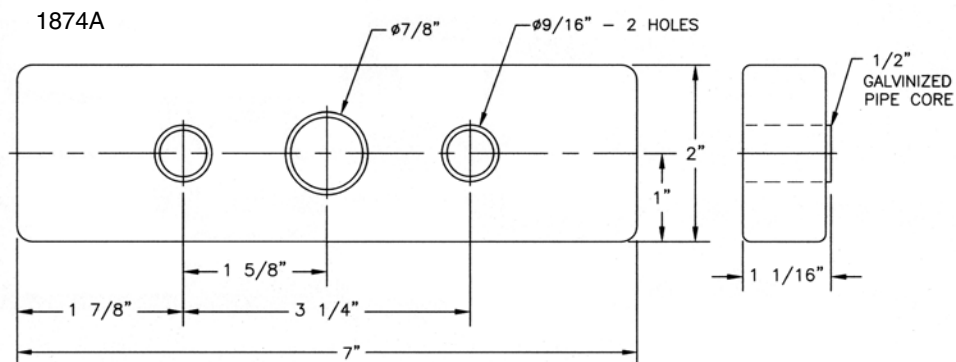
ZD-56



## HEAT EXCHANGER/FERNSTRUM

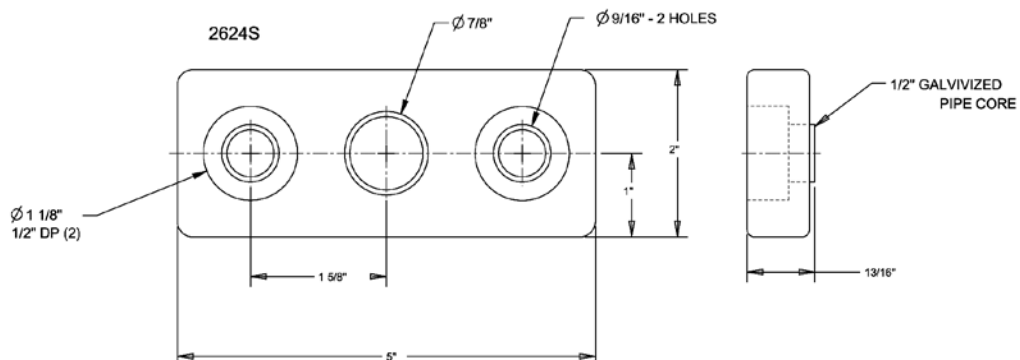
### Part No.

2874A  
1874A  
2624A  
2624S  
1274A  
3076  
1404



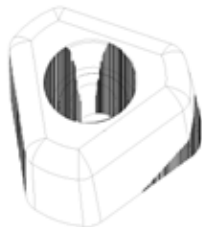
## HEAT EXCHANGER/FERNSTRUM (CONT.)

**Part No.**  
2624S



### GORI SHAFT ANODE

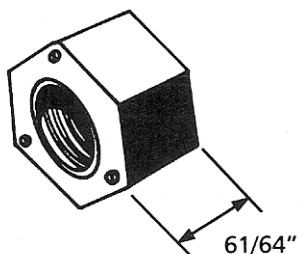
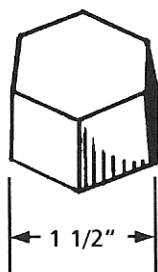
| Part No. | Shaft Size  |
|----------|-------------|
| 1552     | 15" - 16.5" |
| 1553     | 18" - 20"   |
| 1554     | 22" - 26"   |



### GORI AFT ANODE

| Part No. | Shaft Size  |
|----------|-------------|
| 140721   | 15" - 16.5" |
| 140731   | 18" - 20"   |
| 140741   | 22" - 26"   |

## CAP ANODES



| Part No. | Thread Size |
|----------|-------------|
| PC-716   | 7/16"-14 NC |
| PC-120   | 1/2"-13 NC  |
| PC-580   | 5/8"-11 NC  |
| PC-340   | 3/4"-10 NC  |
| PC-100   | 1"-8 NC     |

## STAINLESS STEEL RODS FOR ZDT ASSEMBLIES



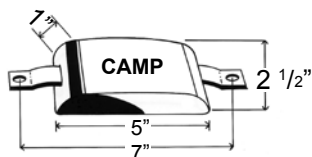
| Part No. | Stainless Rod Size | Use With       |
|----------|--------------------|----------------|
| SR-3     | 3/16" x 3"         | S-438 & S-500  |
| SR-6     | 3/16" x 6"         | S-813 & S-1000 |



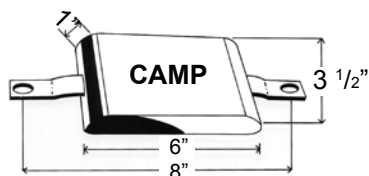
**W-3**  
Tear Drop Anode measures 6" x 3" x 1 1/4" and has cast-in galvanized steel strap with two 3/8" x 5/8" oval shaped holes



**W-6**  
Tear Drop Anode measures 6" x 3" x 1 1/4" and has cast-in galvanized steel strap with two 3/8" holes



**W-4**  
Anode has cast-in galvanized steel strap with 3/8" x 5/8" oval shaped holes



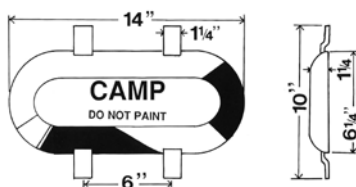
**W-5**  
Anode has cast-in galvanized steel strap with 3/8" x 5/8" oval shaped holes



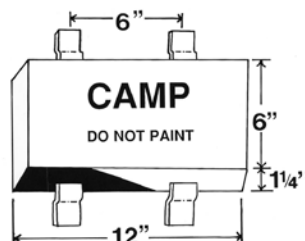
**W-12**  
Anode has cast-in galvanized steel strap

**W-12A**  
Zinc Anode with cast-in aluminum strap

**W-12B**  
Zinc Anode with cast-in brass strap



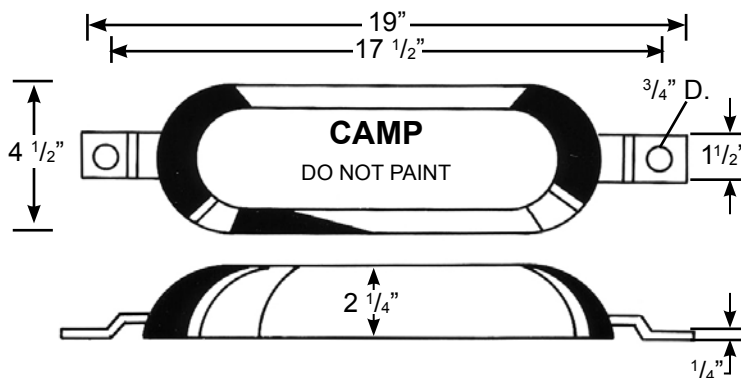
**W-24**  
Tapered Zinc Anode with two cast-in galvanized steel straps



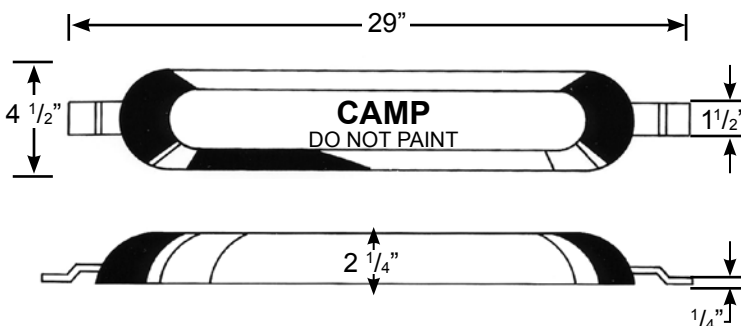
**W-24-SQ**  
Rectangular Zinc Anode with 2 cast-in galvanized steel straps

**W-24A-SQ**  
Zinc Anode with 2 cast-in aluminum straps

**W-24B-SQ**  
Zinc Anode with 2 cast-in brass straps

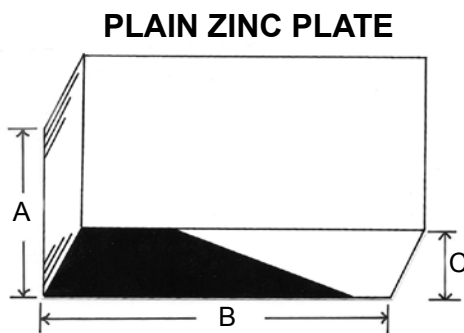


**W-26**  
Zinc Anode with cast-in galvanized steel strap

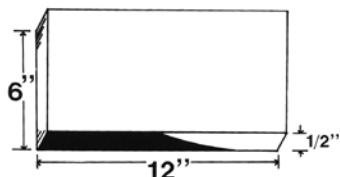


**W-48**  
Zinc Anode with cast-in galvanized steel strap

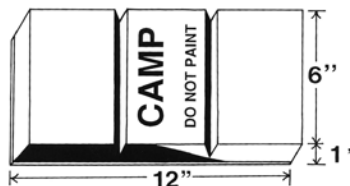
## ZINC PLATES



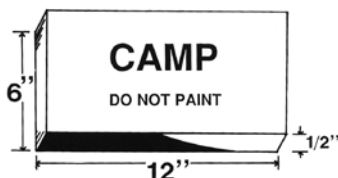
| Part No. | Dimensions A<br>Width (Inches) | Dimension B<br>Length (Inches) | Dimension C<br>Thickness (Inches) |
|----------|--------------------------------|--------------------------------|-----------------------------------|
| Z P - 2  | 6                              | 12                             | $\frac{1}{2}$                     |
| Z P - 3  | 4                              | 6                              | $\frac{1}{2}$                     |
| Z P - 4  | 6                              | 6                              | $\frac{1}{2}$                     |
| Z P - 5  | 6                              | 6                              | 1                                 |
| Z P - 10 | 2                              | 24                             | $\frac{1}{2}$                     |
| Z P - 12 | 6                              | 12                             | $2 \frac{7}{8}$                   |
| Z P - 13 | 8                              | 8                              | 1                                 |
| Z P - 14 | 10                             | 10                             | 1                                 |
| Z P - 15 | 12                             | 12                             | 1                                 |
| Z P - 16 | 8                              | 16                             | $\frac{1}{2}$                     |
| Z P - 17 | 4                              | 7                              | 2                                 |
| Z P - 18 | 6                              | 12                             | 1                                 |
| Z P - 19 | 3                              | 3                              | $\frac{1}{2}$                     |
| Z P - 20 | 3                              | 3                              | 1                                 |
| Z P - 21 | 3                              | 6                              | $\frac{1}{2}$                     |
| Z P - 22 | 3                              | 6                              | 1                                 |
| Z P - 23 | 2                              | 6                              | $1 \frac{1}{2}$                   |
| Z P - 33 | $6 \frac{1}{2}$                | $12 \frac{1}{8}$               | $1 \frac{1}{2}$                   |
| Z P - 34 | 7                              | 7                              | 1                                 |
| Z P - 35 | 9                              | 9                              | 1                                 |
|          |                                |                                |                                   |



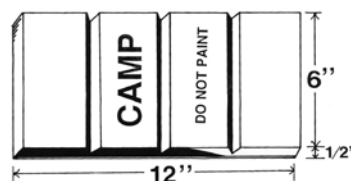
**ZP-1**  
Zinc Plate 6" x 12" x 1/2"  
Smooth Finish, Similar to  
Roll Zinc  
Nominal Weight - 9 lbs



**ZP-7**  
Zinc Plate 6" x 12" x 1" -- 2  
Score. This can be broken  
into 3 Sections.  
Nominal Weight - 17 lbs



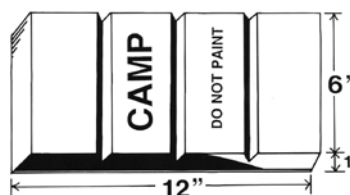
**ZP-2**  
Zinc Plate 6" x 12" x 1/2"  
Nominal Weight - 9 lbs  
**CAST ZINC CANNOT BE BENT**



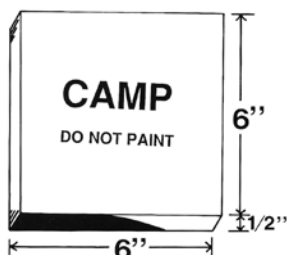
**ZP-8**  
Zinc Plate 6" x 12" x 1/2" -- 3  
Score. This can be broken  
into 4 Sections.  
Nominal Weight - 9 lbs



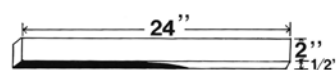
**ZP-3**  
Zinc Plate 4" x 6" x 1/2"  
Nominal Weight - 3 lbs



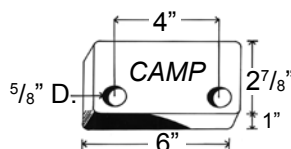
**ZP-9**  
Zinc Plate 6" x 12" x 1" -- 3  
Score. This can be broken  
into 4 Sections.  
Nominal Weight - 17 lbs



**ZP-4**  
Zinc Plate 6" x 6" x 1/2"  
Nominal Weight - 4 1/2 lbs



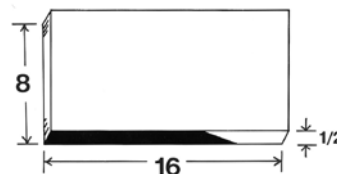
**ZP-10**  
2" x 24" x 1/2"  
Nominal Weight - 7 lbs



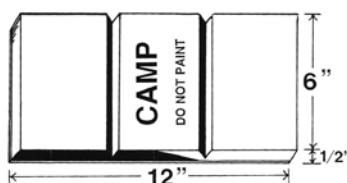
**ZP-11**  
6" x 2 7/8" x 1"  
5/8" Dia. Hole on 4" Centers



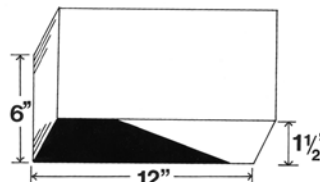
**ZP-5**  
Zinc Plate 6" x 6" x 1"  
Nominal Weight - 9 lbs



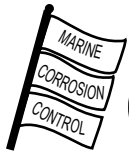
**ZP-16**  
Zinc Plate 8" x 16" x 1/2"



**ZP-6**  
Zinc Plate 6" x 12" x 1/2"  
2 Score. This can be broken  
into 3 Sections.  
Nominal Weight - 9 lbs

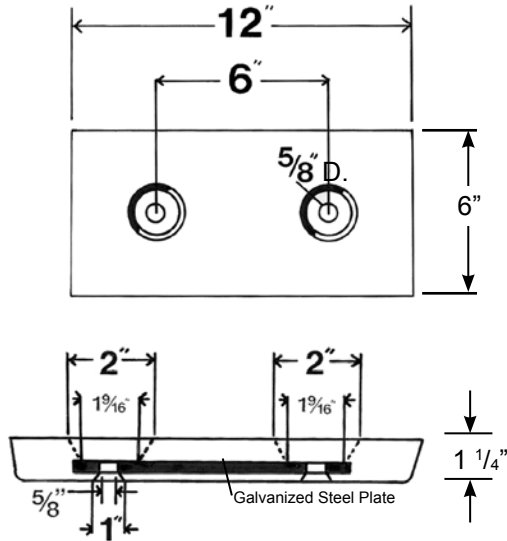


**ZP-32**  
Zinc Plate 6" x 12" x 1 1/2"



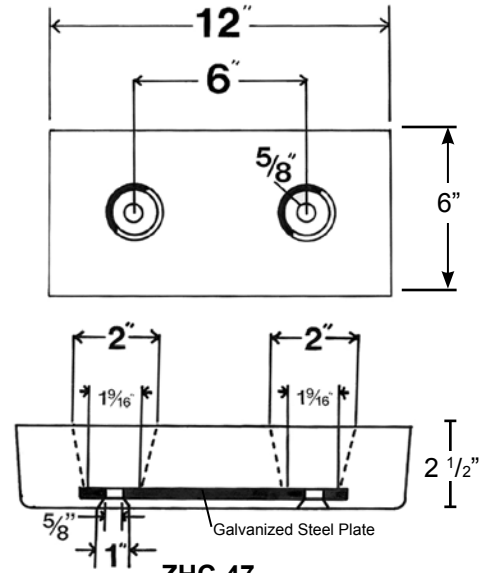
# CAMP

ALL ANODES LISTED ARE OF MIL-SPEC



**ZHC-24**

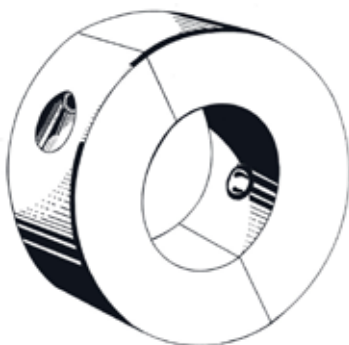
Zinc Anode with cast-in galvanized steel plate



**ZHC-47**

Zinc Anode with cast-in galvanized steel plate

### LARGE COMMERCIAL DONUT COLLARS



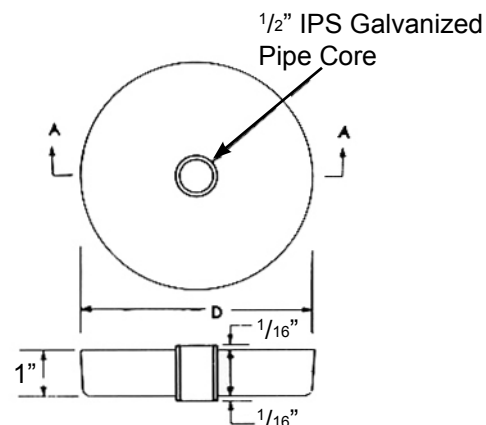
| NO.   | SHAFT  | O.D. DIA. | WIDTH  |
|-------|--------|-----------|--------|
| MC-17 | 4 1/2" | 8"        | 1 1/2" |
| MC-18 | 4 3/4" | 8"        | 1 1/2" |
| MC-19 | 5"     | 8"        | 1 1/2" |
| MC-20 | 5 1/2" | 9 1/2"    | 1 1/2" |
| MC-21 | 6"     | 9 1/2"    | 1 1/2" |
| MC-22 | 6 1/2" | 9 1/2"    | 1 1/2" |

Note: For Added Protection, All Collars Have Cast-In Copper Contacts For Permanent Ground And Cast-In Stainless Bushings

### CONDENSER ZINCS

| CAT. NO. | (D) DIA. | NOM. WT. | CORE          |
|----------|----------|----------|---------------|
| CZA-2    | 2"       | 1 lb.    | A             |
| CZA-3    | 3"       | 2 lbs.   | A             |
| CZA-4    | 4"       | 3 lbs.   | A             |
| CZA-5    | 5"       | 5 lbs.   | A             |
| CZA-6    | 6"       | 7 lbs.   | A             |
| CZA-7    | 7"       | 10 lbs.  | A             |
| CZA-8    | 8"       | 14 lbs.  | A             |
| CZA-9    | 9"       | 16 lbs.  | B (Not Shown) |
| CZA-11   | 11"      | 24 lbs.  | B (Not Shown) |
| CZA-6x6  | ---      | 9 lbs.   | A             |

Core(A) - One 1/2" IPS galvanized steel pipe core  
 Core (B) - Two 1/2" IPS galvanized steel pipe core on 3 1/2" centers (Not Shown)



**CZA-6x6**

