

ARNESSEN

ELECTRIC CHIPPING HAMMER

ARNESSEN & HUSKY SPARE PARTS and OPERATING MANUAL

Distributors — Page 20
Arnessen Parts — Pages 2 through 13
Deck Scales, Dollies & High Speed Unit — Page 11
Husky Spare Parts — Pages 14 through 19

**Corrosion
dynamics, INC.**

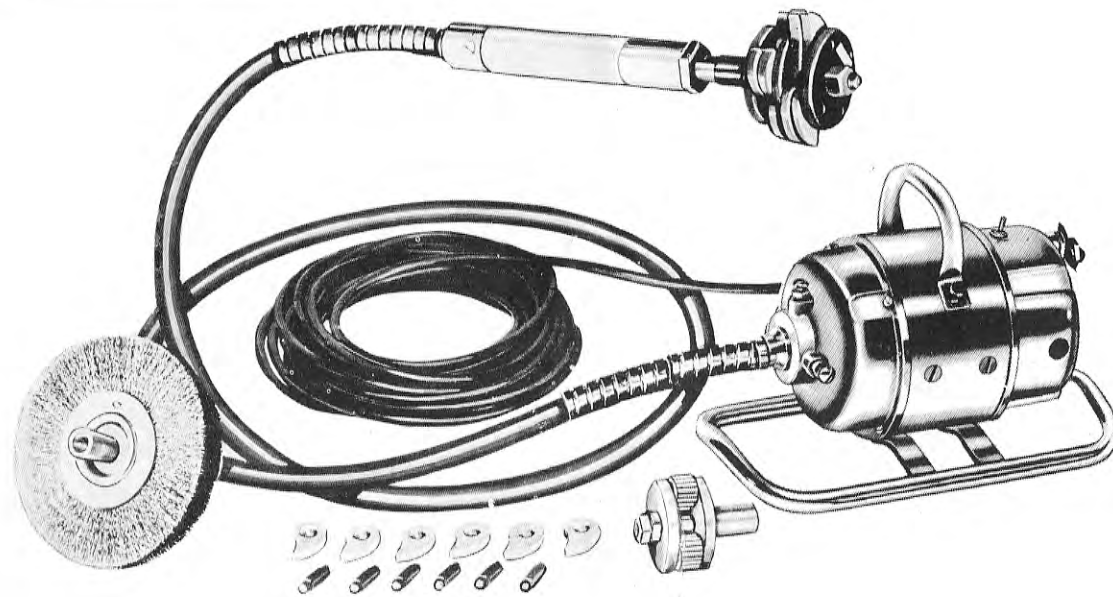
Subsidiary of ARNESSEN ELECTRIC CO., INC.

5 Bond Street, Brooklyn 31, N. Y.

Important!
save this booklet
for future
reference

ARNESSEN ELECTRIC

complete
D.C. and A.C.
units



CHIPPING HAMMER

Complete
CHIPPING HAMMER unit
consists of —

- 1 Heavy-Duty ball bearing Motor of specified voltage with Metal Skids
- 1 Ten-foot Heavy-Duty Swivel type Ball Bearing Flexible Shaft
- 25 ft. of #3 conductor rubber cable
- 1 Double-Finger head
- 1 Single-Wheel head
- 1 Wire-Brush head
- 6 Spare Chipping Fingers
- 6 Spare Pins

NOTE: See back cover for the name and address of your nearest Distributor for Arnessen Electric Chipping Hammers

Specifications of ARNESSEN ELECTRIC CHIPPING HAMMER PARTS

DOUBLE HEAD

Either a Double Finger Head; or a Double Wheel Head.

SINGLE HEAD

Either a Single Finger Head; or a Single Wheel Head.

WIRE BRUSH HEAD

A Wire Wheel, complete with arbor.

SPARE FINGERS

Six spare Chipping Fingers.

SPARE SPACER PINS

Six spare Spacer Pins.

MOTOR

Direct Current Hammers are furnished with a ½ H.P., heavy duty, totally enclosed, ball-bearing motor; Alternating Current Hammers, with a ¾ H.P., heavy duty, Repulsion-Induction motor. Each motor mounted with handle, skid, and toggle switch.

FLEXIBLE SHAFT

A 10 ft. rubber sheathed, steel lined, flexible swivel outer casing with a ball-bearing supported handle; and a flexible steel core.

RUBBER CORD

A 25 ft. length of 3 conductor rubber cable.

| Unit No. | Description | Voltage |
|----------|--|---------------------------------------|
| 3M1 | ARNESSEN ELECTRIC CHIPPING HAMMER Complete | 115 Volts, D.C. |
| 3M2 | ARNESSEN ELECTRIC CHIPPING HAMMER Complete | 230 Volts, D.C. |
| 3M3 | ARNESSEN ELECTRIC CHIPPING HAMMER Complete | 32 Volts, D.C. |
| 3M4 | ARNESSEN ELECTRIC CHIPPING HAMMER Complete | 110/220 Volts, 60 cycle, 1 phase A.C. |
| 3M5 | ARNESSEN ELECTRIC CHIPPING HAMMER Complete | 220 Volts, 50 cycle 1 phase, A.C. |
| 3M6 | ARNESSEN ELECTRIC CHIPPING HAMMER Complete | 110/220 Volts, 60 cycle, 3 phase A.C. |
| 3M7 | ARNESSEN ELECTRIC CHIPPING HAMMER Complete | 220/440 Volts, 50 cycle, 3 phase A.C. |
| 3M8 | ARNESSEN ELECTRIC CHIPPING HAMMER Complete | 110/220 Volts, 50 cycle, 3 phase A.C. |
| 3M9 | ARNESSEN ELECTRIC CHIPPING HAMMER Complete | 220/440 Volts, 50 cycle, 3 phase A.C. |

Net Weight of complete unit—90 lbs.
Gross Shipping Weight, complete unit—110 lbs.

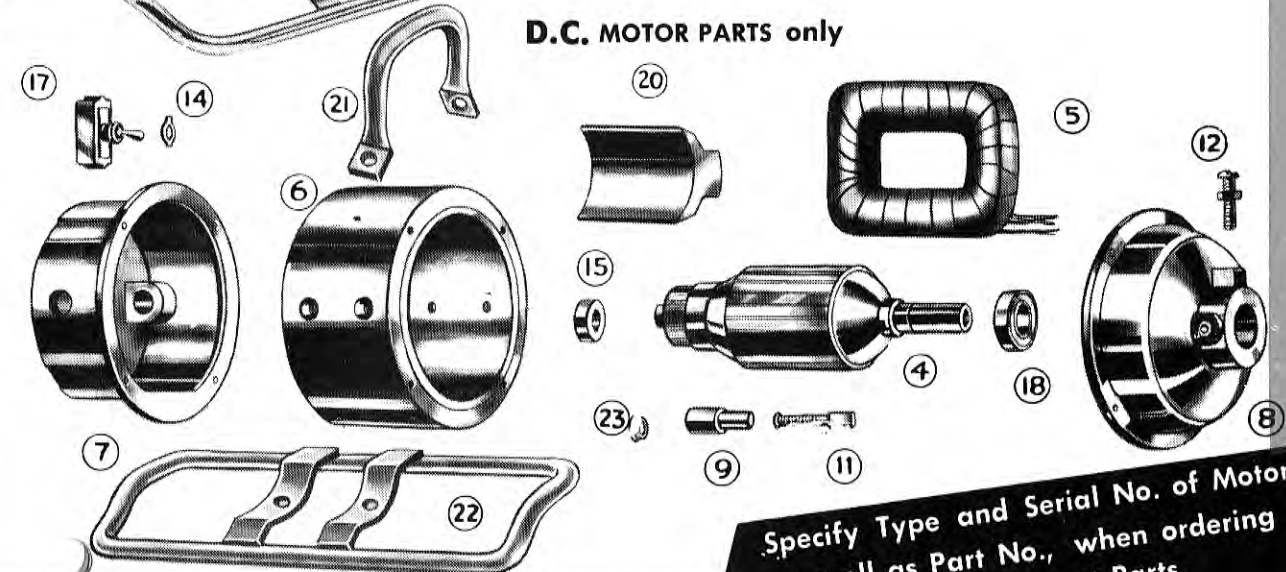
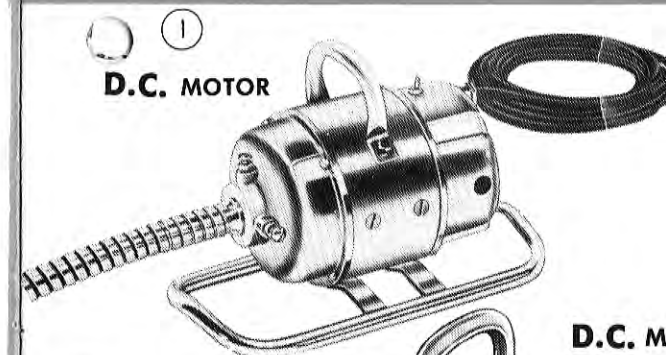
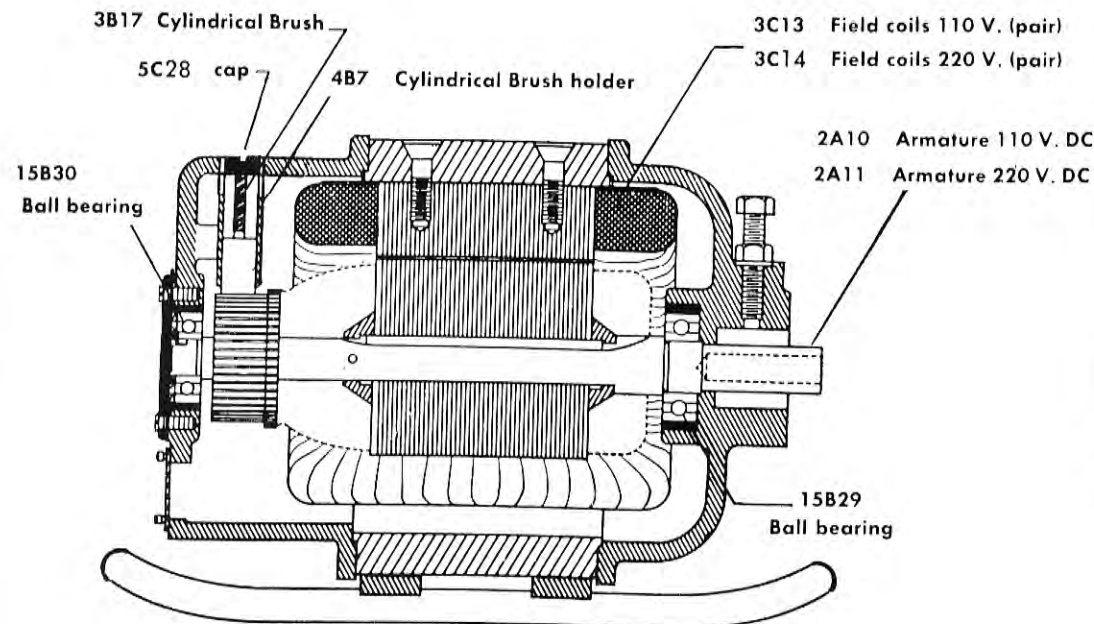
MOTOR REPLACEMENT PARTS

Note: Manufacturer assumes no liability or risk if Hammers are used in areas where volatile or combustible mixtures are used or stored.

| Fig. No. | Part No. | Description |
|----------|----------|--|
| 1 | 6M1 | Motor only for 3M1 Hammer, (rubber cable included) |
| | 6M2 | Motor only for 3M2 Hammer, (rubber cable included) |
| | 6M3 | Motor only for 3M3 Hammer, (rubber cable included) |
| 2 | 6M4 | Motor only for 3M4 Hammer, (rubber cable included) |
| | 6M5 | Motor only for 3M5 Hammer, (rubber cable included) |
| | 6M6 | Motor only for 3M6 Hammer, (rubber cable included) |
| | 6M7 | Motor only for 3M7 Hammer, (rubber cable included) |
| | 6M8 | Motor only for 3M8 Hammer, (rubber cable included) |
| | 6M9 | Motor only for 3M9 Hammer, (rubber cable included) |
| 3 | 2A13 | Armature Assembly complete for 6M4 Motor |
| | 2A14 | Armature Assembly complete for 6M5 Motor |
| | 2A15 | Armature Assembly complete for 6M6 Motor |
| | 2A16 | Armature Assembly complete for 6M7 Motor |
| | 2A17 | Armature Assembly complete for 6M8 Motor |
| | 2A18 | Armature Assembly complete for 6M9 Motor |

| No. | Part No. | Description |
|-----------------|----------|---|
| 4 | 2A10 | Armature Assembly complete for 6M1 Motor |
| | 2A11 | Armature Assembly complete for 6M2 Motor |
| | 2A12 | Armature Assembly complete for 6M3 Motor |
| 5 | 3C13 | Field Coils (set of 2) for 6M1 Motor |
| | 3C14 | Field Coils (set of 2) for 6M2 Motor |
| | 3C15 | Field Coils (set of 2) for 6M3 Motor |
| not illustrated | 3C16 | Stator Coils mounted in steel frame for 6M4 Motor |
| | 3C17 | Stator Coils mounted in steel frame for 6M5 Motor |
| | 3C18 | Stator Coils mounted in steel frame for 6M6 Motor |
| | 3C19 | Stator Coils mounted in steel frame for 6M7 Motor |
| | 3C20 | Stator Coils mounted in steel frame for 6M8 Motor |
| | 3C21 | Stator Coils mounted in steel frame for 6M9 Motor |
| 6 | 2H07 | Field Frame for all D.C. Motors |
| 7 | 1E26 | End Bell, commutator end—for all D.C. Motors |
| 8 | 1E25 | End Bell, coupling end—for all D.C. Motors |

| Fig. No. | Part No. | Description |
|-----------------|----------|--|
| not illustrated | 4B6 | Brushholder—square type (set of 2)—for all D.C. Motors |
| 9 | 4B7 | Brushholders—cylindrical type (set of 2)—for all D.C. Motors |
| 10 | 3D1 | Terminal Tube—for motor mounting |
| not illustrated | 3B16 | Carbon Brush for all D.C. Motors (to fit 4B6 Brushholder) |
| 11 | 3B17 | Carbon Brush for all D.C. Motors (to fit 4B7 Brushholder) |
| 12 | 3D2 | Motor Set Bolt—for holding flexible shaft |
| 13 | 5C25 | Bearing Cap for commutator end of all D.C. Motors |
| 14 | 3P62 | ON-OFF indicator plate for switch |
| 15 | 15B30 | Ball Bearing for commutator end—all D.C. Motors |
| 16 | 11R48 | Ball Bearing Retainer Ring, commutator end—all D.C. Motors |
| 17 | 10S5 | ON-OFF switch—for all Motors |
| 18 | 15B29 | Ball Bearing for coupling end—all D.C. Motors |
| 20 | 4P13 | Pole Piece—all D.C. Motors |
| 21 | TM11 | Carrying Grip Handle—all Motors |
| 22 | TMS | Skid Assembly—all Motors |
| not illustrated | 5C27 | Brushholder Cap, old type, for 4B6 Brushholder |
| 23 | 5C28 | Brushholder Cap, new type, for 4B7 Brushholder |



**A. C. MOTOR
NOT ILLUSTRATED**

Specify Type and Serial No. of Motor as well as Part No., when ordering Replacement Parts

"SWIVEL" FLEXIBLE SHAFT AND PARTS

CARE OF FLEXIBLE SHAFT

The inner core of the flexible shaft must be greased heavily with a good shaft Grease at least twice a month if the Hammer is used frequently.

DO NOT USE OIL

TO GREASE inner core

1. Remove set screws (2) and lock washers located at rear of Grip Handle. This will release the outer rubber shaft casing.
2. Hold Rubber Outer Casing firmly and pull Grip Handle or Clutch Handle from Outer Rubber Casing. The inner core attached to the Handle will then be accessible for greasing. Grease inner core its entire length before ASSEMBLING.
3. Replace Inner Core in Outer Rubber Casing and secure with set screws. Grease at least once a month. Swivel Flexible Shaft fits both the No. 1CL1 Clutch Handle and the 3H7 Grip Handle.

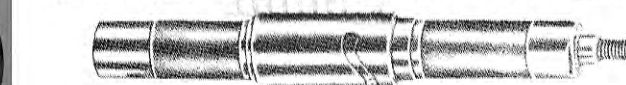
CAUTION — THE CLUTCH HANDLE CONTAINS A DRY CLUTCH. DO NOT GREASE OR OIL

Replacement Part Numbers

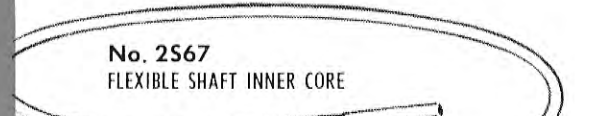
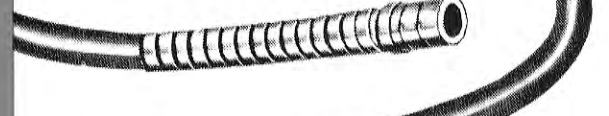
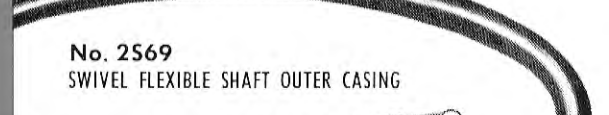
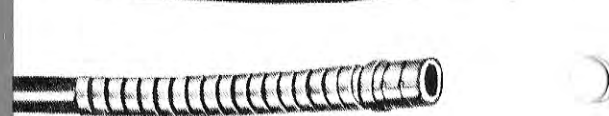
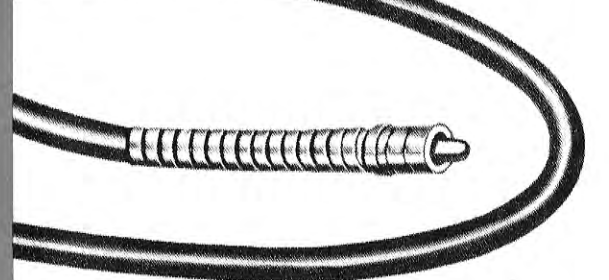
Inner Core Part No. 2567
Outer Casing Part No. 2569
Grip Handle Part No. 2558
Clutch Handle Part No. 1CL1

CORROSION DYNAMICS, INC.
Susiary of Arnessen Electric Co., Inc.
335 Bond Street • Brooklyn 31, New York

No. 2568
SWIVEL FLEXIBLE SHAFT COMPLETE WITH No. 1CL1 CLUTCH HANDLE



No. 2558
SWIVEL FLEXIBLE SHAFT COMPLETE WITH No. 3H7 GRIP HANDLE



CLUTCH HANDLE AND PARTS

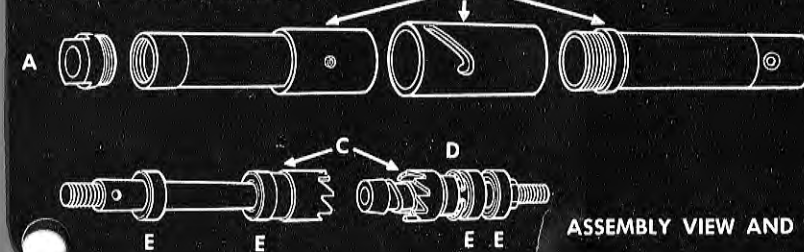


No. 1CL1 CLUTCH HANDLE COMPLETE

The new "CLUTCH" Handle completely revolutionizes the operating control of the Chipping Hammer by giving the operator instant control at the operating end. A slight twist of the Handle starts or stops the rotation of the Heads during scaling operations. It eliminates all possible danger of Chipping Hammer bouncing around deck or at sides of ship while operator is shutting off power at Motor. THE NEW "CLUTCH" HANDLE IS RECOMMENDED BY SHIPS' SAFETY COMMITTEES.

| Fig. No. | Part No. | Description | No. of Pieces |
|----------|----------|---------------------------------|---------------|
| A | 2N27 | Retainer Nut | 1 |
| B | 1CL2 | Clutch Housing | 1 |
| C | 1CL3 | Clutch Inner Assembly | 1 |
| D | 1CL4 | Retainer Ring | 1 |
| E | 15B7 | Ball Bearings | 4 |
| F | CC | Rubber Sleeve (Not Illustrated) | 1 |

No. 1CL1—"CLUTCH HANDLE"



ASSEMBLY VIEW AND PARTS

CAUTION

CARE OF THE "CLUTCH" HANDLE

The new "CLUTCH" Handle is a DRY CLUTCH.
No Oil or Grease should ever be used on this Handle.

GRIP HANDLE AND PARTS



No. 3H7 GRIP HANDLE COMPLETE

The Grip Handle is a Standard part of all Arnessen Electric Chipping Hammers. The "SWIVEL" feature of the Flexible Shaft permits a completely independent rotating action of the Handle, thus eliminating any possibility of kinking or twisting of the Flexible Shaft Hose.

CARE OF THE GRIP HANDLE

After the INNER CORE of the Flexible Shaft has been greased, a sufficient amount of grease should be placed into the GRIP HANDLE before Assembling the Inner Core of the Flexible Shaft. DO NOT USE OIL.

| Fig. No. | Part No. | Description | No. of Pieces |
|----------|----------|----------------------------------|---------------|
| A | 2N27 | Retainer Nut | 1 |
| B | 3H7 | Grip Handle | 1 |
| C | 1253 | Spindle | 1 |
| D | 15B7 | Ball Bearings | 2 |
| E | 1526 | Bearing Spacer | 1 |
| F | 2N30 | Retainer Nut for Spindle Bearing | 1 |

No. 3H7—"GRIP HANDLE"



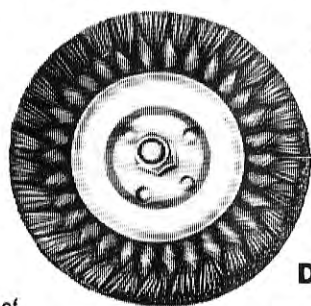
ASSEMBLY VIEW AND PARTS

WIRE BRUSH HEADS AND PARTS

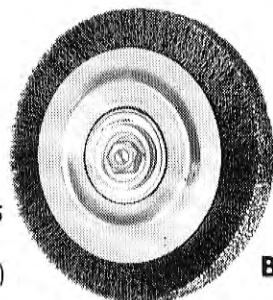
No. 6H4 WIRE BRUSH HEAD

For removing residue of rust, paint and scale remaining after use of Finger or Wheel Heads.

| No. Fig. | No. Part | Description | No. of Pieces |
|----------|----------|---------------------------|---------------|
| A | 5A1 | Arbor for wire brush head | 1 |
| B | 1WP15 | Wire Brush (Regular Type) | 1 |
| C | 2N28 | Stop Nut for Arbor | 1 |
| (or) D | 1WP14 | Wire Brush (Braided Type) | 1 |

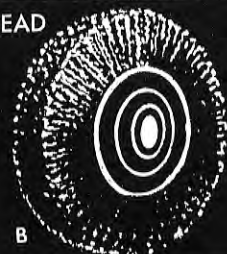


No. 1WP14
Wire Brush
(Braided Type)



No. 1WP15
Wire Brush
(Regular Type)

No. 6H4 WIRE BRUSH HEAD



ASSEMBLY VIEW
AND PARTS

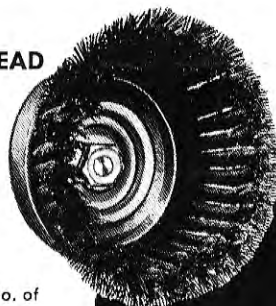


NOTE: Wire Brush Heads should never be used for direct removal of heavy accumulations of rust or paint.

No. 1W15 WIRE CUP BRUSH HEAD

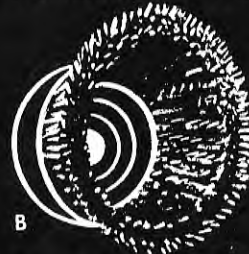
For scouring action on horizontal surfaces, to remove residue of scale remaining after use of Finger or Wheel Heads.

| No. Fig. | No. Part | Description | No. of Pieces |
|----------|----------|--------------------------|---------------|
| A | 5A1 | Arbor for wire cup brush | 1 |
| B | 2G10 | Wire Cup Brush | 1 |
| C | 2N28 | Stop Nut for Arbor | 1 |



WIRE CUP BRUSH HEADS AND PARTS

No. 1W15 WIRE CUP BRUSH HEAD



ASSEMBLY VIEW
AND PARTS

SAFETY GUARD FOR HEADS

No. 6H7—SAFETY GUARD

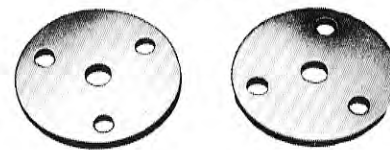
Assures complete safety to operator when used with Finger Heads, Wheel Heads and Brush Heads.

NOTE: ARNESSEN SAFETY GUARDS as well as goggles are recommended by Ships' Safety Committees and should be used in all scaling operations.



SINGLE FINGER HEAD PARTS

COMPONENT PARTS



No. 3P63 Single Finger Head End Plates (2)



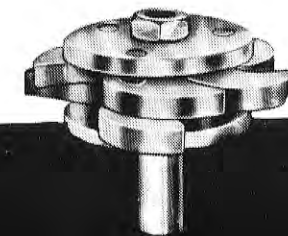
No. 9F1 Chipping Fingers for
Single Finger Head (6)



No. 5A3
Single Finger Head
Hardened Arbor (1)



No. 2N29
Stop Nut for Single
Finger Head (1)



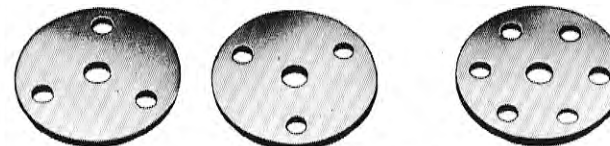
No. 6H1 — SINGLE FINGER HAMMER HEAD—For scaling rust and paint accumulations from smaller surfaces—angles, corners and seams not accessible with the Double Finger Hammer Head.



No. 2P30 Spacer Pins for Single Finger Head (3)

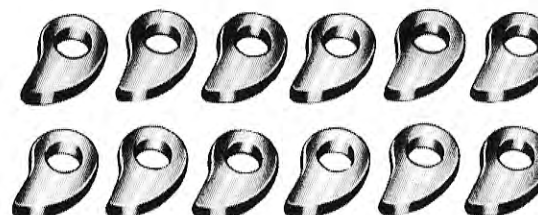
DOUBLE FINGER HEAD PARTS

COMPONENT PARTS



No. 3P63 Double Finger
Head End Plates (2)

No. 3P64 Double Finger
Head Center Plate (1)



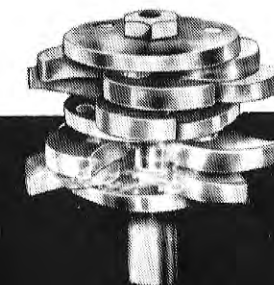
No. 9F1 Chipping Fingers for Double Finger Head (12)



No. 5A2
Double Finger Head
Hardened Arbor (1)



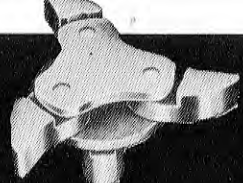
No. 2N29
Stop Nut for Double
Finger Head (1)



No. 6H2—DOUBLE FINGER HAMMER HEAD—The Double Finger Head is used for scaling rust and paint accumulations from hulls, decks, and other large metal surfaces where fast scaling operations are needed.



No. 2P30 Spacer Pins for Double
Finger Head (6)



No. 7CH1 — CORNER FINGER HAMMER HEAD — For removing rust from the very hard-to-get-at places — narrow openings, corners and crevices not accessible with larger heads.

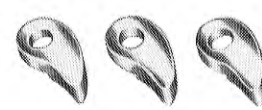
CORNER FINGER HEAD PARTS



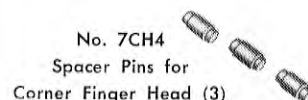
No. 7CH5
Bottom End Plate



No. 7CH2
Top Triangular End Plate



No. 7CH3
Chipping Fingers for
Corner Finger Head (3)



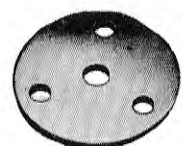
No. 7CH4
Spacer Pins for
Corner Finger Head (3)



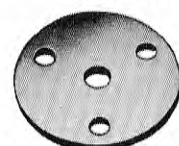
No. 7CH6
Adaptor Nipple for
Corner Finger Head

SINGLE WHEEL HEAD PARTS

COMPONENT PARTS



No. 3P63 Single Wheel
Head End Plates (2)



No. 6 Chipping Wheels for
Single Wheel Head (3)



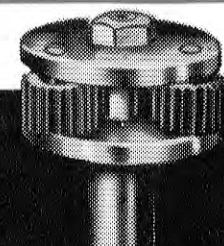
No. 2N29
Stop Nut for Single
Wheel Head (1)



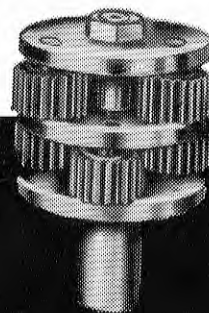
No. 5A3
Single Wheel Head
Hardened Arbor (1)



No. 2P30 Spacer Pins
for Single Wheel Head (3)



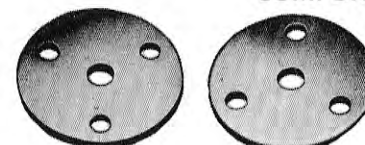
No. 6H5 — SINGLE WHEEL HEAD — Used for scaling rust and paint accumulations from smaller surfaces of light gauge metal and for corners, angles and seams, not accessible with the Double Wheel Head.



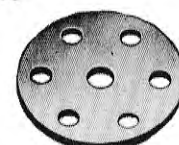
No. 6H6 — DOUBLE WHEEL HEAD — For fast scaling of rust and paint accumulations from large surfaces. Can be safely used on lighter gauge metal surfaces.

DOUBLE WHEEL HEAD PARTS

COMPONENT PARTS



No. 3P63 Double Wheel Head
End Plates (2)



No. 3P64 Double Wheel
Head Center Plate (1)



No. 6 Chipping Wheels for Double Wheel Head (6)



No. 2N29
Stop Nut
for Double
Wheel Head (1)



No. 2P30 Spacer Pins for Double
Wheel Head (6)



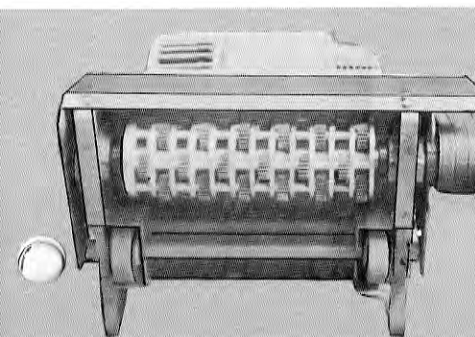
No. 5A2 Double Wheel Head
Hardened Arbor (1)

ARNESSEN

ELECTRIC DECK SCALER

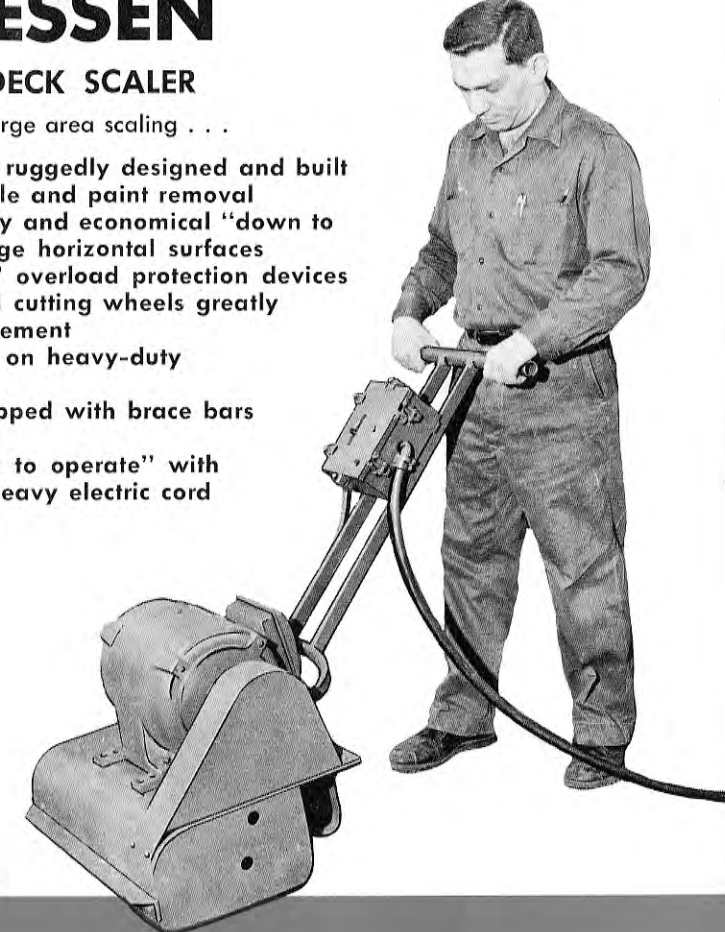
A real high production tool for large area scaling . . .

- **NEW . . . DIFFERENT** — ruggedly designed and built for Heavy Duty rust, scale and paint removal
- 16" cutting path for easy and economical "down to Metal" scaling of large horizontal surfaces
- All units have "built-in" overload protection devices
- High strength alloy steel cutting wheels greatly reduce wear and replacement
- Rotating drum mounted on heavy-duty roller bearings
- Self-propelled and equipped with brace bars to lessen vibration
- Unit is complete "ready to operate" with 25 feet of 3-conductor heavy electric cord



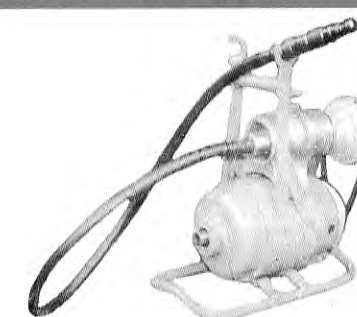
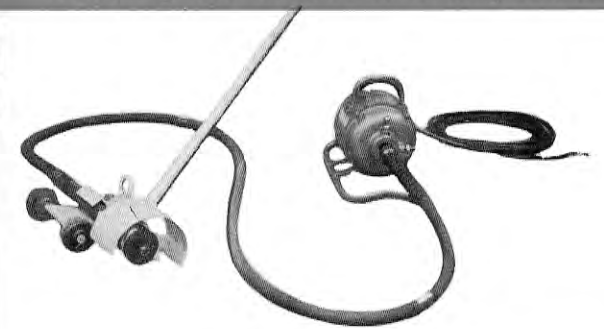
ARNESSEN DECK SCALER DOLLY

Removes rust and paint accumulations from deck surfaces with complete safety to operator. Pressure on working head controlled by lowering handle.



ARNESSEN HIGH-SPEED POWER TAKEOFF UNIT

For buffing, grinding, drilling, and sanding on both interior and exterior applications.



Contact your nearest Corrosion Dynamics Distributor for further details, prices and delivery. (See back cover)

CORROSION DYNAMICS, INC.

Subsidiary of Arnesen Electric Co., Inc.

335 Bond Street, Brooklyn 31, New York

HOW

to assemble and operate the — ARNESSEN ELECTRIC CHIPPING HAMMER



1
Screw Arbor on to end of Flexible Cable Shaft Grip Handle. Long Arbor for Double Heads — Short Arbor for Single Heads.



2
Tighten Arbor securely with wrench then place End Plate over Arbor as shown.



3
For Single Heads insert 3 Spacer Pins into holes of End Plate. For Double Heads add Center Plate and 3 additional Spacer Pins.



4
Place 2 Chipping Fingers over each Spacer Pin — be sure to place Fingers with Tips pointing counter-clockwise.



5
Place other End Plate over Arbor and onto Chipping Fingers. For Double Heads place Center Plate and 6 additional Chipping Fingers before placing other End Plate into position.

6

Screw Stop-Nut on to threaded end of Arbor and tighten securely with wrench. This Stop-Nut must be kept tight at all times.



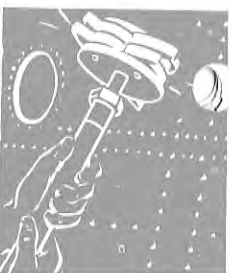
7

Important: Before starting motor be sure to hold Grip Handle firmly in other hand. Never relinquish hold of Grip Handle until motor is stopped.



8

For correct operating position, hold Grip Handle almost parallel to surface being cleaned, with Chipping Finger Tips against surface.



9

With Chipping Fingers held close to surface being cleaned, move Chipping Hammer from side to side with wide sweeping arc-like motions.



10

To assure positive safety to operator, attach Safety-Guard to Hammer Head. We also advise the use of Safety-Goggles while operating.



WHERE

to use the — ARNESSEN ELECTRIC CHIPPING HAMMER



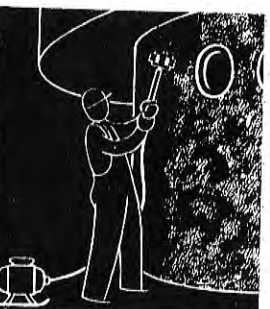
For fast removal of rust from Hulls, Decks, and other large surfaces, use the Double Finger Hammer Head.



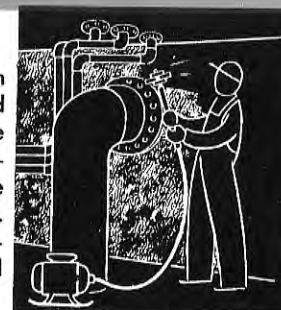
For removing rust from inside Hulls, Plates, etc., use the Double Finger Hammer Head for large surfaces and the Single Finger Hammer Head for smaller surfaces.



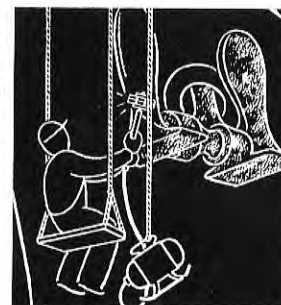
For quick removal of rust from Stacks, use the Double Finger Hammer Head. To obtain a perfectly smooth metal finish, follow up with the Wire Wheel Brush Head.



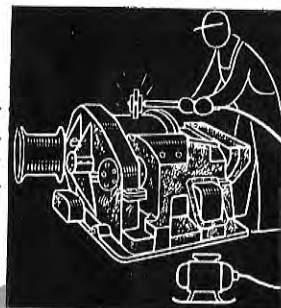
For large surfaces of Upper Structures use the Double Finger Hammer Head. Where metal is light-gauge use the Double Wheel Head.



For small surfaces such as Corners, Angles and Seams, etc., not accessible to the Double Finger Hammer Head, use the Single Finger Hammer Head. Where metal is light-gauge use Single Wheel Head.



For Anchors, Anchor Chains and other small heavy-gauge metal areas, use the Single Finger Hammer Head.



For those extremely "hard-to-get-at" crevices, corners, angles, seams, etc., use the special Corner Finger Hammer Head.

CARE OF CHIPPING HAMMER

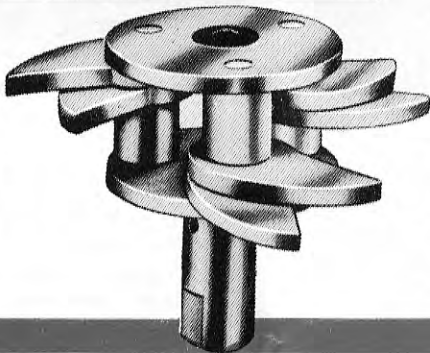
1. Grease end of Motor Shaft thoroughly and fill Motor End Bell recess with heavy grease before attaching the flexible shaft.
2. While Hammer is in use, immerse Head in oil at intervals to aid in cooling and to prevent excessive friction.
3. Rubber Cable supplying power to Motor should be kept clear of obstructions and never used to move Motor.
4. Do not drop or place any heavy object on the Flexible Shaft as it may cause serious damage to Motor.

Use only genuine
ARNESSEN "SPARE PARTS"
for your Chipping Hammer —
Look for Trademark or Part No.

HUSKY FINGER HEADS & PARTS

No. 1 ALL-PURPOSE FINGER HEAD

The No. 1 ALL-PURPOSE FINGER HEAD is used for general all-round use for scaling rust and paint accumulations from small to large surfaces.

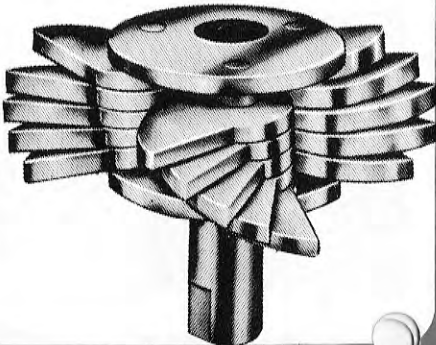


| No. Fig. | No. Part | Description | No. of Pieces |
|----------|----------|------------------------|---------------|
| A | 8SA1 | Head Coupling | 1 |
| B | 8SA3 | Square Hole Base Plate | 1 |
| C | 8SA6 | Long Spacer Pins | 3 |
| D | 8LF9 | Long Fingers | 6 |
| E | 8SA8 | Small Spacers | 2 |
| F | 8SA7 | Large Spacers | 2 |
| G | 8SA4 | Round Hole Top Plate | 1 |
| H | 8SA2 | Long Axis Bolt | 1 |

| No. Fig. | No. Part | Description | No. of Pieces |
|----------|----------|------------------------|---------------|
| A | 8SA1 | Head Coupling | 1 |
| B | 8SA3 | Square Hole Base Plate | 1 |
| C | 8SA6 | Long Spacer Pins | 3 |
| D | 8LF9 | Long Fingers | 15 |
| E | 8SA4 | Round Hole Top Plate | 1 |
| F | 8SA2 | Long Axis Bolt | 1 |

No. 2 HEAVY DUTY FINGER HEAD

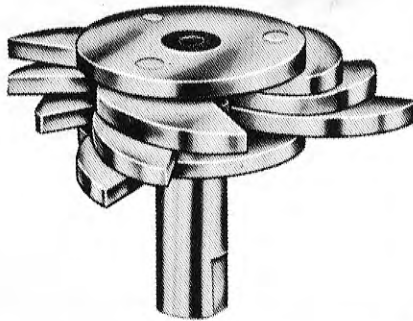
The No. 2 HEAVY DUTY FINGER HEAD is used for scaling rust and paint accumulations from Hulls, Decks, and other large metal surfaces where fast scaling operations are needed.



| No. Fig. | No. Part | Description | No. of Pieces |
|----------|----------|------------------------|---------------|
| A | 8SA1 | Head Coupling | 1 |
| B | 8SA3 | Square Hole Base Plate | 1 |
| C | 8SA5 | Short Spacer Pins | 3 |
| D | 8LF9 | Long Fingers | 9 |
| E | 8SA4 | Round Hole Top Plate | 1 |
| F | 8SA11 | Short Axis Bolt | 1 |

No. 4 LONG FINGER SINGLE HEAD

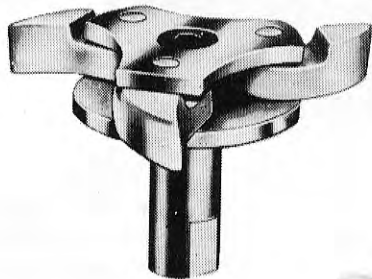
Designed for removing rust and paint from small and average surfaces not accessible to the larger Chipping Heads.



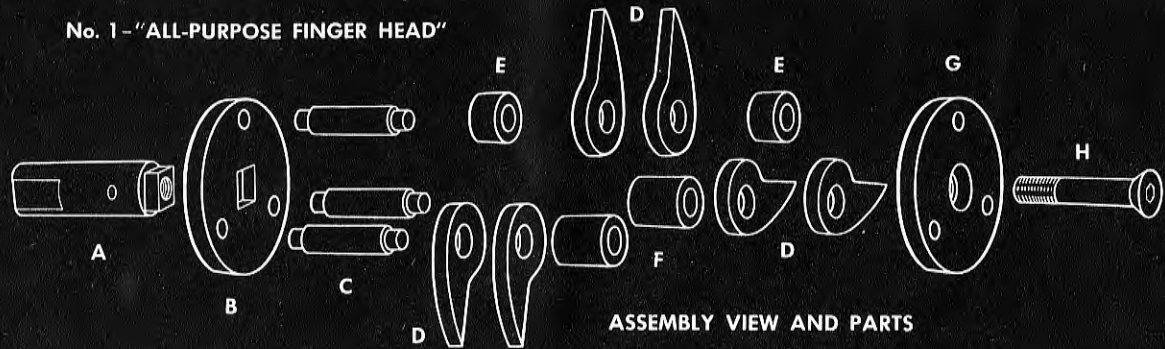
| No. Fig. | No. Part | Description | No. of Pieces |
|----------|----------|--|---------------|
| A | 8SA1 | Head Coupling | 1 |
| B | 8SA17 | Square Hole Base Plate (for Corner Finger Head only) | 1 |
| C | 7CH4 | Spacer Pins | 3 |
| D | 7CH3 | Corner Fingers | 3 |
| E | 8SA13 | Top Triangle Plate | 1 |
| F | 8SA11 | Short Axis Bolt | 1 |

No. 6 CORNER FINGER HEAD

For those hard-to-get-at places Angles, Corners, Crevices, Seams, Machinery and Parts, where pin-pointed, flush chipping is needed.

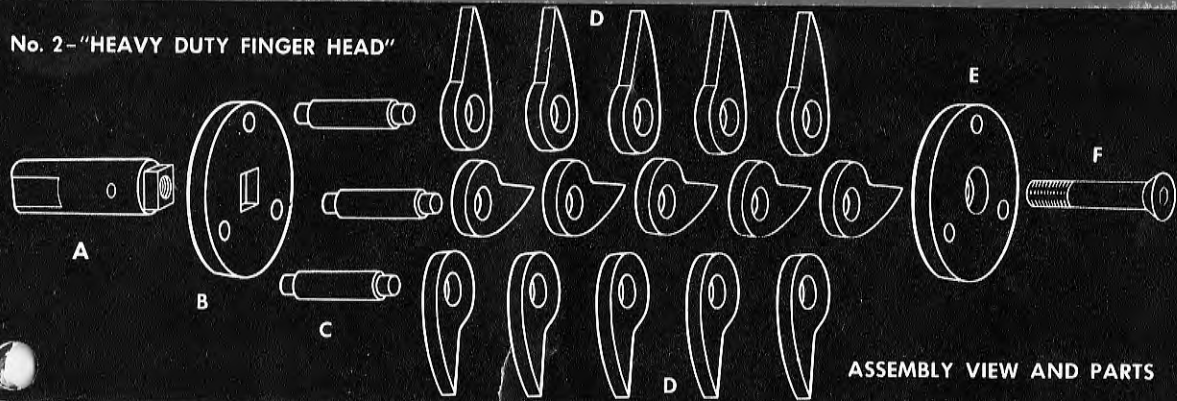


No. 1 - "ALL-PURPOSE FINGER HEAD"



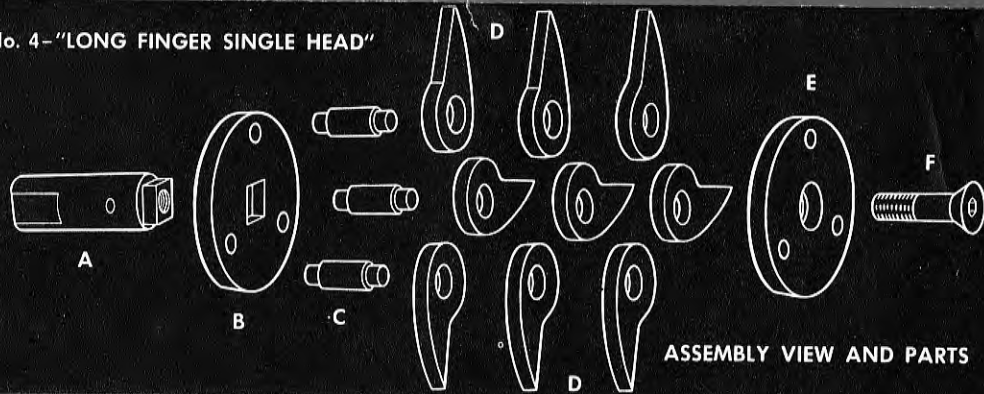
ASSEMBLY VIEW AND PARTS

No. 2 - "HEAVY DUTY FINGER HEAD"



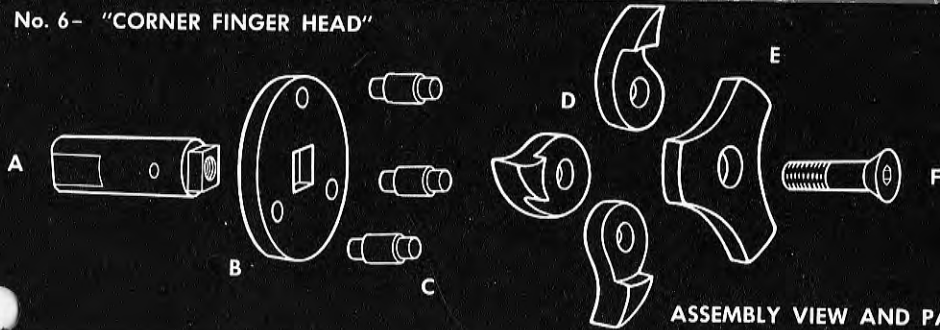
ASSEMBLY VIEW AND PARTS

No. 4 - "LONG FINGER SINGLE HEAD"



ASSEMBLY VIEW AND PARTS

No. 6 - "CORNER FINGER HEAD"



ASSEMBLY VIEW AND PARTS

HUSKY WHEEL HEADS & PARTS

No. 3 CONE TOOTH HEAVY DUTY WHEEL HEAD

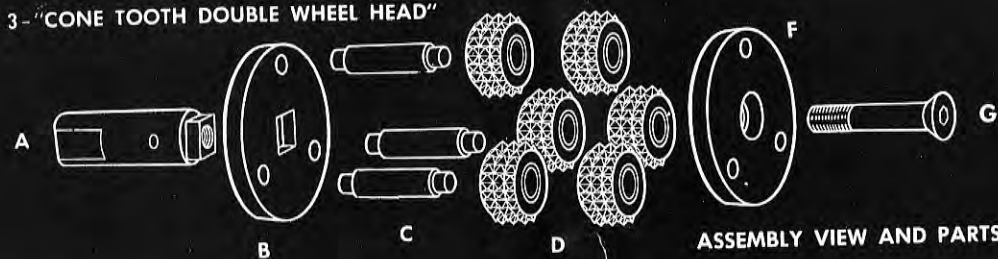
This new CONE TOOTH HEAVY DUTY WHEEL HEAD has been designed for fast scaling of rust and paint accumulations from large lighter metal gauge surfaces.



| No. Fig. | No. Part | Description | No. of Pieces |
|----------|----------|------------------------|---------------|
| A | 8SA1 | Head Coupling | 1 |
| B | 8SA3 | Square Hole Base Plate | 1 |
| C | 8SA6 | Long Spacer Pins | 3 |
| D | 8SA10 | Cone Tooth Wheels | 6 |
| (or) E | 8FT10 | Flat Tooth Wheels | 6 |
| F | 8SA4 | Round Hole Top Plate | 1 |
| G | 8SA2 | Long Axis Bolt | 1 |

Flat Tooth Wheel

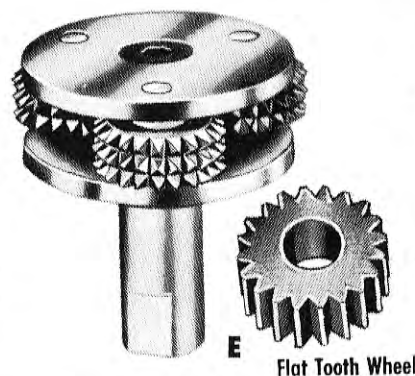
No. 3 - "CONE TOOTH DOUBLE WHEEL HEAD"



ASSEMBLY VIEW AND PARTS

No. 5 CONE TOOTH SINGLE WHEEL HEAD

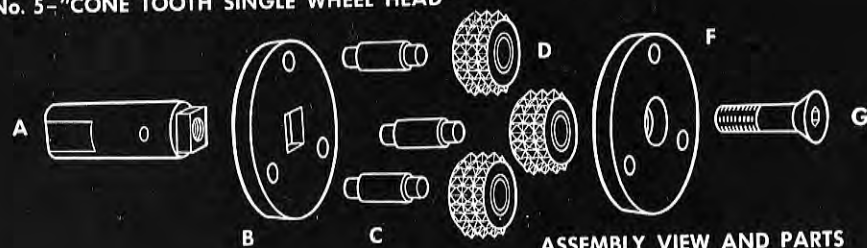
For scaling rust and paint accumulations from smaller areas or lighter areas. It can also be used effectively for Corners, Angles, Seams, etc., not ordinarily accessible to the HEAVY DUTY WHEEL HEAD.



| No. Fig. | No. Part | Description | No. of Pieces |
|----------|----------|------------------------|---------------|
| A | 8SA1 | Head Coupling | 1 |
| B | 8SA3 | Square Hole Base Plate | 1 |
| C | 8SA5 | Short Spacer Pins | 3 |
| D | 8SA10 | Cone Tooth Wheels | 3 |
| (or) E | 8FT10 | Flat Tooth Wheels | 3 |
| F | 8SA4 | Round Hole Top Plate | 1 |
| G | 8SA11 | Short Axis Bolt | 1 |

Flat Tooth Wheel

No. 5 - "CONE TOOTH SINGLE WHEEL HEAD"



ASSEMBLY VIEW AND PARTS

A Partial Listing of Arnessen Users . . .

ACE WATERPROOFING COMPANY
ALCOA STEAMSHIP COMPANY
ALLIED CHEMICAL CORPORATION
AMERICAN ANCHOR & CHAIN CORPORATION

AMERICAN EXPORT LINES
AMERICAN MAIL LINES
AMERICAN SHIP CLEANING
ANACONDA COMPANY

ARGENTINE STATE LINES
ASSOCIATED PIPE & SUPPLY
ATLANTIC COAST CONTRACTING COMPANY

BALDT ANCHOR CHAIN & FORGE
BAUER DREDGING COMPANY
BETHLEHEM TRANSPORTATION
LLOYD BRASILEIRO

CANADIAN NATIONAL STEAMSHIPS
CARIBBEAN STEAMSHIP COMPANY
CHEMICAL FIRE & RUST PROOFING CORPORATION

CHICAGO DULUTH & GEORGIAN
BAY TRANSIT CO.

CLEVELAND CLIFFS IRON COMPANY
MASSACHUSETTS MARITIME ACADEMY
DEPT. OF DEFENSE, CANADA
DISTRICT ENGINEER, MEMPHIS, TENNESSEE

DREIER STRUCTURAL STEEL COMPANY
EPOXY WATERPROOFING & RESTORATION COMPANY

ERIE RAILROAD
FARRELL LINES
FORD MOTOR COMPANY

GRACE LINE
GRANCOLOMBIANA TRANSPORTADORA LTDA.

GYPSUM TRANSPORTATION COMPANY
HANNA MINING COMPANY
HELLENIC LINES, LTD.

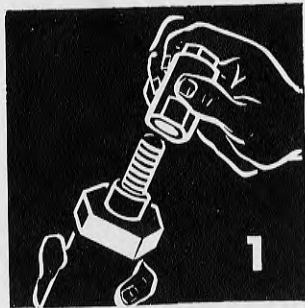
HUDSON RIVER DAY LINE
INTERLAKE STEAMSHIP COMPANY
KEANSBURG STEAMBOAT COMPANY
KILL VAN KULL FERRY
LAKE CHAMPLAIN TRANSPORTATION CO.
LYKES BROS. STEAMSHIP CO.
MAINE MARITIME ACADEMY
MERRITT DREDGING COMPANY
MILITARY SEA TRANSPORTATION SERVICE

MOORE MC CORMACK LINES
MASSACHUSETTS MARITIME ACADEMY
NATIONAL GYPSUM COMPANY
NEW YORK CENTRAL RAILROAD
NEW YORK FIRE DEPARTMENT
NORWEGIAN AMERICAN LINE
PANAMA CANAL LINE
PETROLEOS MEXICANOS
PICKLANDS MATHER & CO.
PITTSBURG STEAMSHIP COMPANY
PAN AMERICAN WORLD AIRWAYS
QUEBEC & ONTARIO TRANSPORTATION CO., LTD.

REPUBLIC STEEL CO.
SHIP TANK SERVICE
SOUTH FERRY, INC.
SWEDISH AMERICAN LINE
STATES MARINE LINES
TUBE & STEEL CORPORATION
UNION SULPHUR & OIL CORPORATION
U. S. COAST GUARD ACADEMY
UNITED STATES LINES
PACIFIC & ATLANTIC STEAMSHIP COMPANY
UNITED PAINTING COMPANY
WESTCHESTER FERRY CORPORATION
WILH. WILHELSEN & CO.
WILSON LINE, INC.
WISCONSIN & MICHIGAN STEAMSHIP CO.

HOW to assemble and operate the

"HUSKY" ELECTRIC CHIPPING HAMMER



1
Attach Head Coupling to the Flexible Shaft "Grip" or "Clutch" Handle.

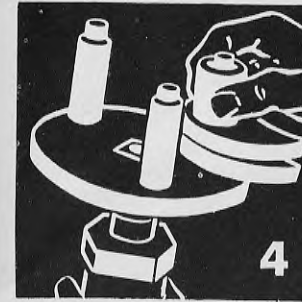


2
Place Square Hole Base Plate over Head Coupling.



3
Insert 3 Long Spacer Pins in holes of Base Plate.

ILLUSTRATIONS SHOW ASSEMBLY VIEWS



4
Place 2 Chipping Fingers on one of the Spacer Pins and then 1 Large Spacer.



5
On next Spacer Pin place 1 Short Spacer, 2 Chipping Fingers and 1 more Short Spacer.

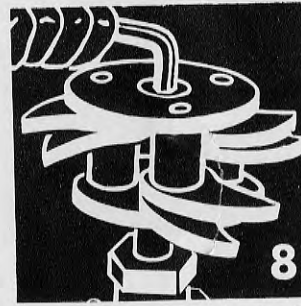


6
On the 3rd Spacer Pin, place 1 Large Spacer and then 2 Chipping Fingers.

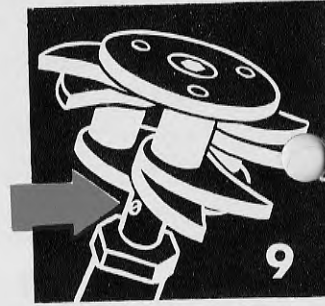
OF THE NO. 1 "ALL-PURPOSE HEAD"



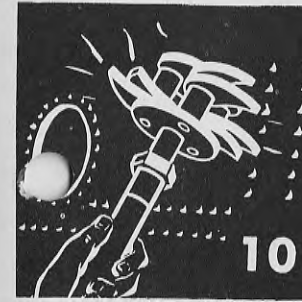
7
Place Round Hole Top Plate on top of the 3 Long Spacer Pins.



8
Insert Long Axis Bolt through top of Round Hole Top Plate and tighten securely with Head Wrench.



9
Tighten Nylon Lock Screw at side of Head Coupling for added rigidity.



10
For correct operating position, hold Handle almost parallel to surface being cleaned with Chipping Fingers against surface.



11
With Chipping Fingers held close to surface to be scaled, move Chipping Hammer from side to side with wide sweeping arc-like motions.



12
For positive safety to operator, attach Safety Guard to Hammer Head. The use of Safety Goggles are also recommended.

CARE of CHIPPING HAMMER

1. Grease end of MOTOR SHAFT thoroughly and fill MOTOR END BELL recess with heavy grease before attaching the FLEXIBLE SHAFT.
2. While HAMMER is in use, immerse HEAD in oil at intervals to aid in cooling and to prevent excessive friction.
3. RUBBER CABLE supplying power to MOTOR should be kept clear of obstructions and never used to move or pull MOTOR.
4. Do not drop or place any heavy object on the FLEXIBLE SHAFT as it may cause serious damage to MOTOR.

5. FLEXIBLE SHAFT should be greased, NOT oiled . . . at least once a month.
6. STANDARD GRIP HANDLE should be greased, NOT oiled . . . at the same time FLEXIBLE SHAFT is greased.
7. CLUTCH HANDLE is a DRY CLUTCH . . . NO OIL OR GREASE IS NECESSARY.

The "HUSKY" ELECTRIC CHIPPING HAMMER should never be used in areas where volatile or combustible mixtures are used or stored.



Use only genuine
"HUSKY" SPARE-PARTS
for your Chipping Hammers

ARNESSEN ELECTRIC CHIPPING HAMMER



ARNESSEN AND HUSKY ELECTRIC CHIPPING HAMMERS . . . Complete Units . . . or Spare Parts . . . can be supplied or serviced on land or sea . . . at any designated port or address through authorized Arnessen Distributors.

Note: State number and quantity of units or parts required.

WRITE — PHONE — OR CABLE Your nearest Distributor or direct to:

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