



ACTION DELIVERS!

ACTION COUPLING & EQUIPMENT

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WWW.ACTIONCOUPLING.COM



**Distributor
Edition**

TheCatalogRoom.com

VOLUME 15A

Municipal & Industrial
Couplings, Adapters,
and Related Equipment

ABOUT ACTION

Action Coupling & Equipment, Inc. is located in the heart of Amish Country in Holmesville, Ohio. Action Coupling is the largest manufacturer of high-strength, lightweight couplings and related equipment in the U.S., and has proudly been leading the way since 1991.

As a leading manufacturer, we pride ourselves in exceptional customer care. We are committed to producing high quality couplings, adapters and related equipment that our customers can count on. We rely on our talented personnel, expertise and creative innovations to produce superior products at an affordable price.

The majority of our products are manufactured right here in our facilities in Holmesville by hardworking, small-town American people who care about what they do.

BUILT TOUGH

Action lightweight extruded couplings are made from aircraft grade 6061-T6 aluminum and are hard anodized in-house providing a hardened corrosion resistant finish. We also manufacture heavy duty cast red brass couplings, typically used in both military and industrial environments. With over 24 years of manufacturing and service experience, we can provide the special threads and other requirements needed for most any fire and industrial application. Action stocks over 200 different shapes of extruded aluminum purchased directly from United States mills to provide the best products, service and delivery.



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ACE A+ Series Extruded Fire Hose Couplings

These heavy-duty, lightweight fire hose couplings are made from 6061-T6 high-strength aluminum alloy. Swivels are attached with a piston ring, stainless balls, or roller bearings. No roll-over or still threads are ever used to attach swivels.

Male and swivel have rocker lugs. Sizes from 1" to 6" waterway. The 6061-T6 aircraft aluminum alloy gets a smooth hardcoat finish. Weight is one-third that of cast brass and three times as strong. Comes complete with rings and gaskets. All gaskets are lathe cut and the expansion rings provided are 85-15 red brass.



A+33



A+10



A+15



A+175



A+215



A+25

Forestry Couplings



AF+10 and AF+15

U.S.D.A. Listed. Meets USFS Spec. 5100-108. Certificates of conformance furnished on request. Made of high-strength, lightweight aircraft aluminum 6061-T6 alloy. Hardcoated in our own plant for corrosion and abrasion resistance. Complete with expansion rings and gaskets. Two rocker lugs on swivel only. 1" and 1-1/2" sizes. Available in complete sets only.

Rack Hose Couplings



AR+15

Lightweight, heavy-duty hardcoated 6061-T6 aircraft aluminum alloy. Available in 1-1/2". Rocker lugs on swivel only. Comes complete with rings and gaskets. All gaskets are lathe cut and expansion rings are 85-15 red brass.

Brass Couplings

Our brass castings are cast in the USA from domestic Ingot.

Rack Hose Couplings



ABR+15

Available as a heavy-duty brass coupling in 1-1/2" size. Comes complete with rings and gaskets. All gaskets are lathe cut and the expansion rings are 85-15 red brass. Available in pin lug or rocker lug.

B+ Series Heavy-Duty Brass Couplings

The finest quality brass couplings available

Complete with rings and gaskets. All gaskets are lathe cut and expansion rings are 85-15 red brass. Corrosion resistant and commonly used in salt water applications. Two rocker lugs furnished on male and swivel. Available in 1-1/2", 1-3/4", 2-1/2", 3", 3x2-1/2", and 4". Cast pin lug available in 1-1/2" and 2-1/2". Machined pin lug available in 1-3/4", 2-1/2", 3", 3x2-1/2", and 4".



B+15

B+25

A+ Hard Suction Hose Couplings

Long Handle Female, Rocker Lug Male.

All sizes, sets or females are available in any combination. Hardcoated on 6061-T6 extruded aircraft aluminum alloy.

- A+119 Series: Female only suction hose couplings with long handles. From 2-1/2" to 6". Rings and gaskets included.
- A+1299 Series: Complete sets including long handle female and rocker lug male. From 2-1/2" to 6". Rings and gaskets included.



Expansion Ring Hard Suction Couplings

A+1399

Designed for 4", 5", and 6" lightweight, flexible, spiral, PVC suction hose. Complete with rings and gaskets. Available in hardcoat. Also available in Storz Coupling.

Field-Attachable Hard Suction Couplings Now available in ACTION Storz

AL+1399

Designed for 4", 5", 6" and 8" lightweight, flexible, spiral, PVC suction hose. Complete with collars. See page 6 for Storz version.



Extruded Fire Hose Soft Suction Couplings

A+1980

Male and female sets with rocker lugs. 2-1/2" to 6". Hardcoated finish on 6061-T6 aircraft aluminum alloy. Weight is one-third and three times as strong as brass. Comes complete with rings and gaskets. All gaskets are lathe cut and expansion rings are 85-15 brass. Also available female only or male only.



Collar Type Soft Suction Couplings

AL-Series

Threaded coupling with 3-piece collar for rubber covered or double jacket hose. Hardcoated, durable, rocker lug female, rocker lug male. For soft suction hose only. Field attachable. Provide thread and hose manufacturer. Available in 4", 5", 6", and 8".



Long Handled Collar Type Soft Suction Couplings

AL-LH Series

Threaded coupling with 3-piece collar for rubber covered, or double jacket hose. Hardcoated, durable, long handled female, rocker lug male. For soft suction hose only. Field attachable. Provide thread and hose manufacturer. Available in 4", 5", and 6".



Booster Hose Coupling

Available in 6061-T6 Aluminum and CDA 360A Brass

Hole type with threaded insert into hose waterway. For use on rubber type non-collapsible hose. Available in 1".



Cam Lock Coupling

Also known as cam and groove, snow couplings or quick-disconnect couplings. Two-part design for expansion ring couplings. The body of the coupling is made from hard-anodized, extruded 6061-T6 aluminum, and the body of the cam and groove adapter is made from 356-T6 aluminum with investment stainless steel arms and pull rings. Expansion ring couplings cannot be used in the transportation or distribution of fuel due to copper or copper alloy content in the expansion rings.



LIGHTWEIGHT COUPLINGS
See our website for specials, more info, & new products www.actioncoupling.com | 1-800-327-2779

Cam Lock Adapters



Cam lock adapters are two-part style to offer greater flexibility and quicker delivery. Also known as cam and groove, these lightweight fittings are great for any application. We offer a wide range of threads for adapters.

In-Line Tees



Place these in-line tees anywhere to provide supplemental water outlets between lengths. Comes in a multitude of combinations and designed to meet your needs. The connection is threaded so that it can be easily serviced and if desired, a different connection put in place. Material is 6061-T6 extruded aluminum with the same hard-anodizing that you have come to depend on to protect your investment. Call us with your special application today.

Water Curtain



Protect surrounding structures with a wall of water. Fully adjustable shutter lets you regulate how much water you dedicate to this function. Durable construction using 6061-T6 aluminum that has been hard-anodized. Available in 1-1/2" and 2-1/2" sizes.

Threaded Lightweight Elbow



30° and 45° threaded, lightweight elbows. Available in any thread and may be specified as increasers or reducers. Rocker lug on female. Long handle female and double swivel female also available. Available in 1-1/2" through 6" sizes.

ACE LIGHTWEIGHT ADAPTERS

Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy. Swivels on adapter are attached with a piston ring, stainless balls, or roller bearings. No roll-over or still threads are ever used to attach swivels. All adapters are available in hardcoat or chrome.



AA+122

Used to adapt a hose to a different size nozzle.



AA+153RL

Rocker lug swivel female to rocker lug rigid female adapter.



AA+135

Double swiveling female adapter, with rocker lug, for changing from male thread to swiveling female.



AA+154

Long handle swiveling female to rocker lug male adapter.



AA+136

Male adapter, with rocker lug, for changing from female to male.



AA+154RL

Rocker lug swiveling female to rocker lug male adapter.



AA+137

Rigid female to male adapter with rocker lug.



AA+156

Rigid long handle female to male adapter.



AA+153

Long handle swivel female to rocker lug rigid female adapter.



AA+157

Long handle double female adapter, swiveling both ends.

All-Weather Gauges

Line Gauge

For testing static pressure in nozzles or hose. Rocker lug. Sizes 1" to 3". Equipped with 300 lb. glycerine filled gauge. Body is made of hardcoated 6061-T6 aluminum alloy. Chrome finish also available.



Protected Line Gauge

Made for standpipe use, for testing static pressure with fully enclosed gauge to protect against damage. Rocker lug. Available in any thread. Glycerine filled gauge registers 0 to 300 lbs. Sizes 1-1/2" and 2-1/2". Gauge body is made from hardcoated 6061-T6 aluminum alloy. Chrome finish available.



Cap Gauge

Used to test static pressure on trucks and hydrants. Rocker lug. Sizes 1-1/2" to 3-1/2". Swiveling available with any thread. Glycerine filled gauge registers 0 to 300 lbs. Body is made of hardcoated 6061-T6 aluminum alloy. Chrome finish available. Comes complete with bleeder valve.



Caps & Plugs



Two-Part Cap

1" To 6". Rocker lugs. Available with or without 12" stainless steel chain. Made of extruded 6061-T6 aircraft aluminum alloy. Hardcoat or chrome finish. Also available with long handles in sizes 2-1/2" to 6".



Solid One-Piece Cap

1" To 6". Solid design commonly used for test tables. Available with or without 12" stainless steel chain. Made of extruded 6061-T6 aircraft aluminum alloy. Hardcoat or chrome finish. Also available with long handles in sizes 2-1/2" to 6".



One-Piece Plugs

1" To 6". Rocker lug. Available with or without 12" stainless steel chain. Made of extruded 6061-T6 aircraft aluminum alloy. Hardcoat or chrome finish.

Acucoat

Available on most products

Protect and identify your couplings and adapters with a wide range of colors. This process is applied over the hardcoated surface to provide a long-lasting and durable surface that you will come to depend upon. We coat only the outside exposed body of the union so as not to interfere with bearing surfaces and thread integrity.



GAUGES, CAPS & PLUGS
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Self-Locking Storz Couplings

A+ASAL Series Storz Collar-Type Couplings

Made from 6061-T6 billet aluminum and proudly manufactured in our facility. Our Storz Collar-Type Couplings are self-locking and field-attachable.



Double Jacket couplings (*left*) are heavy duty hard-coated. **Single Jacket** couplings (*right*) come in an innovative design with a burnished finish.



Storz Expansion Ring Coupling

Available in 1-1/2" to 6". Storz and various bowl sizes. Swiveling only. All Storz fittings are lightweight 6061 aluminum forging and the body of the coupling is 6061-T6 aluminum extrusion.

Inquire about your bowl size today.



Storz Conversion Elbows

2-1/2" to 6" threaded, male or female, rigid or swiveling, available in 2-1/2", 4", 5", and 6". The body is available in hardcoat or chrome. Also available as threaded male or female to Storz, or as Storz to Storz. Available as a 30 or 45 degree angle.



Storz Spanners

Four cast Storz spanners are held at instant readiness on an aluminum alloy holder. Holder resists corrosion and abrasion. Long-lasting stainless steel springs.



Storz Adapters

1" to 6" threaded male or female. Available as rigid or swivel. 1" to 6" Storz. Continuous swivel available on 4", 5" and 6" Storz. The body available in hardcoat or chrome.

Rust-proof locks included.



Metal Face Storz Adapters

Permanent mount Storz adapter for hydrant use. Instead of a standard Storz gasket, this adapter utilizes a flat, metal surface that the gasket of the mating connection seals onto.



Storz Cap

1" to 6" sizes available. Complete with locks on 4" and above. 1" through 3" come with chain, 4" and larger come with cable.



Storz Field-Attachable Coupling

ALS-1399 Available in 4", 5", and 6". Designed to be field-attachable, for lightweight, flexible, Spiral Hard Suction hose. Hardcoated. Complete with collars and locks.

Note: Currently small diameter storz forged heads are sourced from AWG Germany and our 4" 5" & 6" are manufactured in house from T-6061 aluminum extrusions.

Dry Hydrant Systems

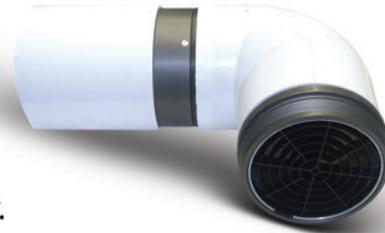
Can be assembled by fire departments

Metal parts are 6061-T6 aircraft aluminum alloy with hardcoated finish. PVC strainer body is made of 6" diameter heavy-duty schedule 40 pipe, drilled with 3/8" diameter holes. Our instructions make installation easy. A great value for the money in firefighting power. Each individual dry hydrant component can be purchased separately depending on your individual needs.



Continuous Swivel Dry Hydrant

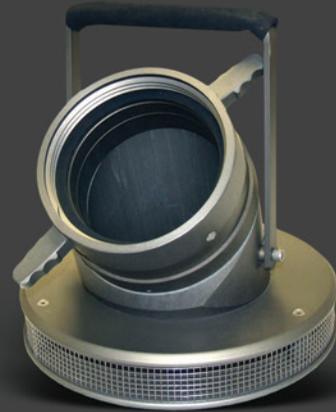
Never worry about how you pull up to your dry hydrant again. This rugged design has 360 degrees of rotation and is ringed axially and radially to prevent eventual leaks due to hose weight problems. Easily installed in line with new, or existing dry hydrants. Made from 6061-T6 extruded aluminum that is hardcoated to black luster.



Low Level Strainer

A+LL

Our Power-Flow Low-Level Strainer is essential for pumpers over 1200 gpm and delivers the maximum water available. A 45 degree elbow with a constant swiveling collar enables the strainer to sit flush in a porta tank. The strainer is made of hardcoated extruded 6061-T6 alloy. Rounded base design ensures you can't snag the sides or bottom of your porta tank. Comes in two elbow sizes (4-1/2" and 6" jumbo) to ensure you get the most water available, a big advantage over smaller elbow sizes which restrict water flow. The 4-1/2" drafts to 1.68" and the 6" drafts to 2" depth. Available connection sizes 2-1/2" through 6" long handled threads or with 4", 5", and 6" Storz. Please specify elbow size, thread or Storz size when ordering. Note: Connection size determines elbow size.



Heavy-Duty Debris Barrel Strainer

Prevents debris and contamination from being transferred from sources such as ponds into holding tanks, tankers, etc. Extruded 6061-T6 aircraft aluminum alloy strainer with extruded aluminum fitting at hose inlet end. Includes eyelet. Available in sizes 2-1/2" to 6".

Basket Strainer/Diffuser

Lightweight 6061-T6 aluminum body with rigid stainless steel mesh. Used for straining debris out of your suction line or for diffusing water out of a hydrant. Available in sizes 2-1/2" to 6".



Sight Glass

This diverse product lets you see the quality and quantity of the water you are drafting. The sight glass can be placed on a dry hydrant system or at the intake on a truck. This product is made from lightweight high impact resistant acrylic tubing and 6061-T6 hardcoat aluminum. Available in sizes 1-1/2" to 6" with swivel female to male connections. Use for drafting purposes only.



Power Jet Siphon

Unbeatable for moving water through suction hoses between portable tanks. Completely dependable venturi action. Tough, lightweight aluminum alloy body resists abrasion and corrosion. 1-1/2" inlet, any thread. Available in 4" to 6" discharge, specify outlet thread if other than NH. Hardcoat finish. Available with Storz.

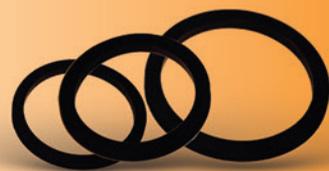
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DRY HYDRANTS & STRAINERS

Repair & Replacement Parts

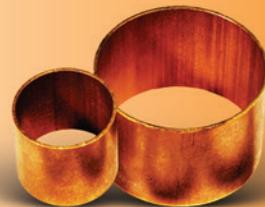
Gaskets

Action gaskets are lathe cut. Use for swivel and replacement tail gaskets, 3/4" through 6". If ordering for tail gaskets, specify bowl size or hose O.D. and type of hose (single jacket, double jacket, rubber covered, or hard suction).



Expansion Rings

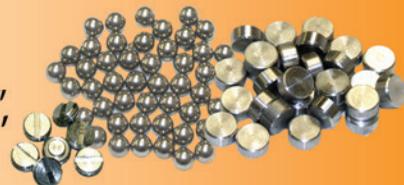
We use 85-15 seamless brass for all expansion rings to assure maximum expansion without danger of breakage. One edge is chamfered to lessen danger of cutting the hose liner.



Note: Copper for this product is no longer available in the U.S. and is sourced from a worldwide market.

Bearings and Plugs

Stainless steel ball bearings for swivel attachment on select 2-1/2", 3", and 3-1/2" swivels. Roller bearings for 4" through 6" swivels. Plugs for bearing retainer.



Mounting Plates

For mounting equipment on firefighting vehicles. Rigid male or swivel female with rocker lugs. Made of tough extruded, lightweight 6061-T6 aluminum alloy, hardcoated. 1" through 6". Storz mounting plate holds 4" or 5" Storz fittings. Hardcoat or Anolite finish.



Ring Extractor

An indispensable tool for reusing couplings. Extracts expansion ring from hose bowl after hose has been severed. Chrome plated shaft with generous size hand grip.



Combination Holder Set

Keep four steel combination Storz and Universal Spanners at instant readiness. Aluminum holder resists corrosion and abrasion. Long lasting stainless steel springs. Wrenches & Holder sold as a set or individually.



Folding Spanner Wrench

We understand that compact design is essential in any tool that you might carry with you. For this reason we introduced our lightweight folding spanner wrench. Strong enough for the toughest connections and small enough to fit in any jacket pocket. Made from 356-T6 aluminum with stainless steel pivot.



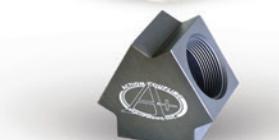
Triple Holder Set

Cast aluminum holder keeps hydrant wrench and two universal spanners ready for instant access. Stainless steel springs and roll pin. Hydrant wrench is medium duty. Wrenches & Holder sold as a set or individually.



Hose Mender

Use this handy connection to mend single jacket or double jacket hose with simple field attachable collars. Made of 6061-T6 aluminum in 4"-5" sizes.



Simple Action "Y"

This flexible design allows you to configure your specific needs utilizing various adapters for your application. Available in 2-1/2" only.

Action Manifold

This manifold utilizes a 2-1/2" trunk with six garden hose valves and is quite useful in a variety of applications. 6061-T6 aluminum and standard yellow brass valves are used to configure whatever outlet pattern you need.



Action "Bear Claw" Manifold

Do you have needs for multiple lines for your hazmat station? Get a grip with Action's "Bear Claw" manifold. The "Bear Claw" manifold has five GHT (Garden Hose Thread) valve outlets and is supplied with a 1-1/2" or 2-1/2" inlet. Can be used at the end of a hose or directly to a hydrant. Maximum operation pressure of 125 psi. Made from 6061-T6 aluminum and brass valves.

Hydrant Gate Valve



Lightweight anodized aluminum wedge seat Hydrant Gate Valve with a brass non-rising stem and crank handle. This high-strength valve is designed to exceed U.S. Forest Service FSS standards. It features a 2.5" NST female inlet and a 2.5" NST male outlet. The Hydrant Gate Valve is designed for either structural or wildland firefighting. Available in red. Made in the USA.

Gated WYE Valve

Durable, lightweight WYE hose valves are constructed of high-quality aluminum with anodized hose threads built for rugged use. The valve opens and closes with a quarter turn. Polymer ball and seat/seal mechanism with o-rings provides a reliable seal and ease of operation at working pressures of 600 psi. These valves are made in the USA, and meet or exceed GSA requirements for use by the US Forest Service. This includes all raw materials and quality control procedures.



Single Jacket Hose Clamp

The Hose Clamp is easy to operate while wearing gloves. It has an offset handle that enables more control by users. The Hose Clamp is made in the USA and is constructed from high quality cast aluminum and brass. It is built to be used with today's lightweight single jacket hoses in 1" and 1-1/2" sizes. When clamped on the hose, a locking device made of brass, locks the clamp safely in the closed position. The Hose Clamp also has a built-in spanner wrench for use on fittings 2-1/2" and smaller.



GREEN MACHINE

Action's Floor Model Coupling Machine

The **920 Series** includes the following features:

- Floor model, 2 HP single or three phase motor
- Hi/Low pump for high speed approach, low speed expand
- Quiet operation
- Two-way controls (left and right hand) with foot pedal optional
- Expansion units designed so that segment holders cannot be expanded when properly set up
- Cylinder 4" bore

The **930 Super Series** is designed for continuous duty and includes the same features as the 920 series with the following upgrades:

- 3 HP motor
- Forced air oil cooler and auto fan
- Three-way controls (left and right hand and foot controls)
- Cylinder 5" bore



Expansion Units

Complete expansion unit assemblies for attaching 1" through 6" couplings. Note: different expansion unit assemblies must be ordered for specific use. Action expansion units are compatible with some other manufacturers' expanders. If ordering for machines other than Action Green Machines, specify manufacturer's make and model. Repair or replacement parts for Action expansion units may be ordered, including segments only, segment holders,



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ACTION DELIVERS!

"Action Delivers" is not just our motto. It is our commitment to provide our customers with the best service, quality, delivery and value. The majority of our products are manufactured in our facility, allowing us to provide rapid processing and shipping.

At Action Coupling and Equipment, we are committed to producing high quality couplings and adapters. We continually improve our products and the process by which they are made to provide you, our customers, the best quality and value for your money.

It is our goal to be the best at what we do, not only for the sake of our reputation, but for the safety of those who rely on our product.

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TERMS OF SALE

Pricing - Prices herein are **subject to change without notice**. The possession of this schedule does not necessarily convey the offer to sell or the privilege to buy at the prices listed.

Acceptance Of Order - Orders and directions for shipment are subject to acceptance by Action Coupling and Equipment, Inc.

Terms - Net 30 with approved credit. We have the right to charge interest on all accounts over 30 days at a rate of 1-1/2% per month. Outside the U.S. and Canada, an irrevocable letter of credit is required on a U.S. Bank. There is a \$50.00 charge for all returned checks. Wire transfer fees are the responsibility of the customer. Replacement checks must be certified.

Shipping - F.O.B. Holmesville, Ohio. Freight allowed on orders weighing 2000 lbs or more to any point in the contiguous United States (with the exception of the 920 and 930 Expanders). Fuel surcharges not included. No allowance on UPS, Parcel Post, Express or Air Shipments.

Minimum Order - No Minimum order required.

Taxes - All prices and quotations do not reflect any sales tax (local, state, federal or any other taxes). Any taxes levied now or later will be charged to the customer.

Special Orders - Special orders made to the customer's specification, once accepted, may not be canceled or returned. This includes special stamping, bowl sizes, and finishes - including Chrome.

Return Goods - No returns will be accepted without an Action Return Goods Authorization (RGA) number and are subject to a restocking charge. Goods over one year old will not be accepted for return. The RGA number must be marked on the outside of the returned box.

Claims - Any shortages in shipments must be reported immediately upon receipt of the shipment. Failure to report claim within 30 days of shipment could result in refusal to process claim by Action. Claims on lost or damaged goods are the responsibility of the buyer and should be reported to the carrier.

Limited Warranty - Action Coupling and Equipment, Inc. warrants its products to be free from defects in material and workmanship for a period of one year from the date of shipment.

Since the seller cannot control the end use of the products, Action will not be responsible for any damages other than the repair, replacement or refunded price of that product at Action's discretion. Any modification or alteration of the product terminates the warranty.

Thread and Stamping Charges

Special thread charges are added to your NET price NOT list.

Special Thread Charges - Threads other than National Standard (NH or NST) or Iron Straight Pipe (NPSH, IPT, and SIPT) or GHT add the following charges:
Couplings and Adapters 1" - 3" Qty 1 -10 add \$3.50 Qty 11-49 add \$3.00 to NET per end/unit for all orders less than 50.
Couplings and Adapters 3-1/2" - 6" Qty 1 -10 add \$6.00 Qty 11-49 add \$5.00 to NET per end/unit for all orders less than 50.
NPT (Tapered Pipe Thread) is considered a special thread and cannot be provided on a swivel.

NOTE: Tapered Pipe Thread (NPT) cannot be furnished on a swivel. Rigid only.
NPT Thread will be furnished to ANSI B2.1-1968. NPT requires additional material by the Government Specifications and calls for a longer thread therefore causing the added thread charge.
BSP threads will conform to standard NH thread length unless specified otherwise.

Stamping - Standard stamping is ACTION and the thread. Standard stamping size is 1/4". All specials are non-cancelable.

For all other stamping add the following charges:

Special Stamping - Same description (**letters or numbers**) on each coupling with 12 spaces only.
(Between lugs on 1", 1-1/2", & 2" will be fewer)
One End \$1.00 - Both Ends \$1.50

Consecutive numbering - A different number only on each coupling with 12 spaces only.
(Between lugs on 1", 1-1/2", & 2" will be fewer)
One End \$1.50 - Both Ends \$2.00

Special Stamping & Consecutive numbering - Letters and numbers together with 12 spaces only.
(Between lugs on 1", 1-1/2", & 2" will be fewer)
One End \$2.00 - Both Ends \$2.50

Laser Engraving - Now all your parts can be laser engraved using different sized lettering, your logo, initials, Fire Department names, etc. Call for pricing. All specials are non-cancelable & non-returnable.

Acucoat - Protect and identify your couplings and adapters with a wide range of colors. This process is applied overtop of the hardcoat surface, so as not to interfere with bearing surfaces and thread integrity. We coat only the outside exposed body of the union. Standard colors: black, white, yellow, red, blue, orange, and green.



INFORMATION NEEDED TO ORDER COUPLINGS

1. NEED NOMINAL HOSE SIZE (**I.D. OF HOSE**)
2. NEED THREAD SIZE AND THREAD
3. NEED BOWL SIZE (**O.D. OF HOSE**)
Outside Circum. of Hose divided by 3.1417 = Bowl size
4. OPTIONS: SPECIAL THREAD OR SPECIAL STAMPING

*PLEASE SPECIFY SPECIAL THREAD NAME OR DIMENSIONS

*THREAD SPEC. OR SAMPLE MAY BE REQUIRED

EXAMPLES: 1-3/4" (HOSE) X 1-1/2" (NH THREAD) X 2-1/8" (BOWL SIZE)

2-1/2" (HOSE) X 2-1/2" (THREAD) X 3" (BOWL SIZE)
SPECIAL THREAD (3.00 X 8) NY CORP
STAMP FEMALE BAND ONLY CONSECUTIVELY:
99-001 (THRU) 99-010

*******ALL COUPLINGS COME WITH EXPANSION RINGS AND GASKETS*******



A- Aluminum Couplings - Hardcoated, heavy-duty, lightweight fire hose couplings are made from 6061-T6 high-strength aluminum alloy; complete with expansion rings and gaskets. Sold as complete sets but can order female or male only

Please specify thread when ordering.

***For Acucoat Color Coating:
Add 50% to NET**

| PART # | Hose X Thread | (Hose O.D.) | LIST |
|-------------|-----------------|-------------|-------|
| A10 | 1" | 1-5/32 | 22.20 |
| A10 | 1" | 1-3/16 | 22.20 |
| A10 | 1" | 1-1/4 | 22.20 |
| A10 | 1" | 1-9/32 | 24.17 |
| A10 | 1" | 1-5/16 | 23.93 |
| A10 | 1" | 1-3/8 | 24.17 |
| A10 | 1" | 1-7/16 | 23.50 |
| A10 | 1" | 1-1/2 | 23.50 |
| A10 | 1" | 1-9/16 | 23.50 |
| A15 | 1-1/2" | 1-11/16 | 24.39 |
| A15 | 1-1/2" | 1-3/4 | 24.12 |
| A15 | 1-1/2" | 1-13/16 | 24.15 |
| A15 | 1-1/2" | 1-7/8 | 26.50 |
| A15 | 1-1/2" | 1-15/16 | 24.89 |
| A15 | 1-1/2" | 2 | 25.81 |
| A15 | 1-1/2" | 2-1/16 | 25.31 |
| A175 | 1-3/4" X 1-1/2" | 2-1/16 | 31.50 |
| A175 | 1-3/4" X 1-1/2" | 2-3/16 | 31.50 |
| A175 | 1-3/4" X 1-1/2" | 2-1/4 | 31.50 |
| A175 | 1-3/4" X 1-1/2" | 2-1/8 | 30.89 |
| A175 | 1-3/4" X 1-1/2" | 2-5/32 | 30.89 |
| A20 | 2" | 2-3/16 | 40.70 |
| A20 | 2" | 2-1/4 | 40.70 |
| A20 | 2" | 2-9/32 | 40.70 |
| A20 | 2" | 2-5/16 | 40.29 |
| A20 | 2" | 2-3/8 | 40.29 |
| A20 | 2" | 2-13/32 | 40.29 |
| A20 | 2" | 2-7/16 | 40.29 |
| A20 | 2" | 2-15/32 | 40.29 |
| A20 | 2" | 2-1/2 | 40.29 |
| A20 | 2" | 2-9/16 | 40.70 |
| A215 5-PART | 2" X 1-1/2" | 2-3/16 | 72.74 |
| A215 5-PART | 2" X 1-1/2" | 2-5/16 | 72.74 |
| A215 5-PART | 2" X 1-1/2" | 2-3/8 | 72.74 |
| A215 5-PART | 2" X 1-1/2" | 2-7/16 | 72.74 |
| A215 5-PART | 2" X 1-1/2" | 2-15/32 | 72.74 |
| A215 5-PART | 2" X 1-1/2" | 2-1/2 | 72.74 |



Female only 2/3 net price. Male only 1/2 net price.

Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

Pin Lug Aluminum Couplings - 1" thru 3-1/2" add \$10.00 to NET.
Pin Lug Aluminum Couplings - 4" and up add \$15.00 to NET.
For hard suction sizes or other bowl size requirements, refer to A-1980.

***For cost on Stamping & Thread info
see Page B**

A- Aluminum Couplings - Hardcoated, heavy-duty, lightweight fire hose couplings are made from 6061-T6 high-strength aluminum alloy; complete with expansion rings and gaskets. Sold as complete sets but can order female or male only
Please specify thread when ordering.

***For Acucoat Color Coating:
Add 50% to NET**

| PART # | Hose X Thread SIZE | (Hose O.D.) BOWL | LIST |
|---------------|-----------------------|---------------------|--------|
| A25 | 2-1/2" | 2-11/16 | 47.62 |
| A25 | 2-1/2" | 2-3/4 | 46.24 |
| A25 | 2-1/2" | 2-13/16 | 45.79 |
| A25 | 2-1/2" | 2-7/8 | 45.58 |
| A25 | 2-1/2" | 2-15/16 | 45.58 |
| A25 | 2-1/2" | 3 | 45.58 |
| A25 | 2-1/2" | 3-1/16 | 47.62 |
| A30 | 3" | 3-5/16 | 84.91 |
| A30 | 3" | 3-3/8 | 84.91 |
| A30 | 3" | 3-13/32 | 84.91 |
| A30 | 3" | 3-1/2 | 84.91 |
| A30 | 3" | 3-17/32 | 84.91 |
| A30 | 3" | 3-9/16 | 84.91 |
| A33 | 3" X 2-1/2" | 3-5/16 | 82.81 |
| A33 | 3" X 2-1/2" | 3-3/8 | 82.81 |
| A33 | 3" X 2-1/2" | 3-13/32 | 82.81 |
| A33 | 3" X 2-1/2" | 3-1/2 | 82.81 |
| A33 | 3" X 2-1/2" | 3-17/32 | 82.81 |
| A33 | 3" X 2-1/2" | 3-9/16 | 82.81 |
| A33 | 3" X 2-1/2" | 3-5/8 | 86.74 |
| A33 | 3" X 2-1/2" | 3-23/32 | 86.74 |
| A35 5-PART | 3" X 2-1/2" | 3-5/16 | 156.08 |
| A53 | 3-1/2" | 4-1/16 | 131.29 |
| A533 3-PART * | 3-1/2" X 3" | 3-13/16 | 134.77 |
| A533 3-PART * | 3-1/2" X 3" | 4-1/16 | 134.77 |
| A533 5-PART | 3-1/2" X 3" | 4-1/16 | 158.48 |
| A535 5-PART | 3-1/2" X 2-1/2" | 3-13/16 | 161.36 |
| A535 5-PART | 3-1/2" X 2-1/2" | 4-1/16 | 161.36 |



*Special Expansion Unit Required.
*Special Expansion Unit Required.

Female only 2/3 net price. Male only 1/2 net price.

Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

Pin Lug Aluminum Couplings - 1" thru 3-1/2" add \$10.00 to NET.
Pin Lug Aluminum Couplings - 4" and up add \$15.00 to NET.
For hard suction sizes or other bowl size requirements, refer to A-1980.

***For cost on Stamping & Thread info
see Page B**

A- Aluminum Couplings - Hardcoated, heavy-duty, lightweight fire hose couplings are made from 6061-T6 high-strength aluminum alloy; complete with expansion rings and gaskets. Sold as complete sets but can order female or male only
Please specify thread when ordering.

***For Acucoat Color Coating:
Add 50% to NET**

| PART# | Hose X Thread SIZE | (Hose O.D.) BOWL | LIST |
|-------|-----------------------|---------------------|--------|
| A40 | 4" | 4-1/4 | 143.43 |
| A40 | 4" | 4-9/32 | 143.43 |
| A40 | 4" | 4-5/16 | 143.43 |
| A40 | 4" | 4-3/8 | 149.65 |
| A40 | 4" | 4-1/2 | 149.65 |
| A40 | 4" | 4-17/32 | 149.65 |
| A40 | 4" | 4-9/16 | 149.65 |
| A40 | 4" | 4-5/8 | 149.65 |
| A40 | 4" | 4-3/4 | 149.65 |
| A45 | 4-1/2" | 5 | 178.20 |
| A45 | 4-1/2" | 5-1/4 | 178.20 |
| A45 | 4-1/2" | 5-5/16 | 178.20 |
| A45 | 4-1/2" | 5-3/8 | 178.20 |
| A50 | 5" | 5-9/32 | 221.43 |
| A50 | 5" | 5-5/16 | 220.39 |
| A50 | 5" | 5-3/8 | 220.39 |
| A50 | 5" | 5-13/32 | 221.43 |
| A50 | 5" | 5-15/32 | 221.43 |
| A50 | 5" | 5-17/32 | 221.43 |
| A50 | 5" | 5-5/8 | 221.43 |
| A50 | 5" | 5-3/4 | 221.43 |
| A60 | 6" | 6-5/16 | 292.62 |
| A60 | 6" | 6-3/8 | 292.62 |
| A60 | 6" | 6-15/32 | 292.62 |
| A60 | 6" | 6-3/4 | 292.62 |



Female only 2/3 net price. Male only 1/2 net price.

Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

Pin Lug aluminum couplings - 1" thru 3-1/2" add \$10.00 to NET.
Pin Lug Aluminum couplings - 4" and up add \$15.00 to NET.
For hard suction sizes or other bowl size requirements, refer to A-1980.

***For cost on Stamping & Thread info
see Page B**

AF- Forestry Couplings - Meets USFS Spec. 5100-108. Certificates of conformance furnished on request.

Made of high-strength, lightweight aircraft aluminum 6061-T6 alloy. Hardcoated in our plant for corrosion and abrasion resistance. Complete with expansion rings and gaskets. Two rocker lugs on swivel only.

| PART# | SIZE | (Hose O.D.) BOWL | LIST | |
|-------|--------|---------------------------------------|-------|------------|
| AF10 | 1" | 1-3/16, 1-5/32, 1-1/4 | 21.89 | NPSH-(FSS) |
| AF10 | 1" | 1-9/32, 1-5/16, 1-7/16, 1-1/2, 1-9/16 | 22.70 | |
| AF15 | 1-1/2" | 1-11/16, 1-3/4 | 25.50 | NH-(FSS) |
| AF15 | 1-1/2" | 2-1/16 | 26.55 | |



AR- Aluminum Rack Hose Couplings - Lightweight, heavy-duty 6061-T6 aircraft aluminum alloy, hardcoated.

Comes complete with rings and gaskets.

| PART# | SIZE | (Hose O.D.) BOWL | LIST | |
|-------|--------|---------------------|-------|------------|
| AR15 | 1-1/2" | 1-11/16 | 23.79 | Rocker Lug |



ACG- Cam Lock Couplings - Also know as cam and groove; snow couplings or quick-disconnect couplings. 2-Part Design utilizing NPT threads. These lightweight fittings are great for any application. We offer a wide range of bowl sizes for expansion ring couplings. The body of the coupling is made from extruded 6061-T6 aluminum that has been hard anodized. The cam arms are investment stainless steel and are equipped with pull rings. Expansion ring couplings can not be used with the transportation or distribution of fuel due to the copper or copper alloy content in the expansion rings. The Cam body is cast aluminum with stainless steel arms and pull rings.

| PART# | HOSE SIZE | (Hose O.D.) BOWL | LIST | PART# | HOSE SIZE | (Hose O.D.) BOWL | LIST |
|-------|-----------|------------------------|--------|-------|-----------|---------------------|--------|
| ACG10 | 1" | 1-5/32, 1-3/16, 1-1/4 | 74.89 | ACG50 | 5" | 5-9/32, 5-5/16 | 578.89 |
| ACG10 | 1" | 1-5/16 | 76.53 | ACG50 | 5" | 5-3/8, 5-13/32 | 578.89 |
| ACG10 | 1" | 1-7/16, 1-1/2 | 76.12 | ACG50 | 5" | 5-15/32, 5-3/4 | 578.89 |
| ACG15 | 1-1/2" | 1-11/16 | 104.79 | ACG60 | 6" | 6-5/16, 6-3/8 | 742.70 |
| ACG15 | 1-1/2" | 1-3/4 | 104.55 | ACG60 | 6" | 6-15/32, 6-3/4 | 742.70 |
| ACG15 | 1-1/2" | 1-13/16 | 104.58 | | | | |
| ACG15 | 1-1/2" | 1-7/8 | 106.77 | | | | |
| ACG15 | 1-1/2" | 1-15/16 | 105.27 | | | | |
| ACG15 | 1-1/2" | 2 | 106.17 | | | | |
| ACG15 | 1-1/2" | 2-1/16 | 105.70 | | | | |
| ACG20 | 2" | 2-3/16, 2-1/4, 2-9/16 | 128.03 | | | | |
| ACG20 | 2" | 2-5/16, 2-3/8 | 127.65 | | | | |
| ACG20 | 2" | 2-7/16, 2-1/2 | 127.65 | | | | |
| ACG25 | 2-1/2" | 2-11/16, 3-1/16 | 174.62 | | | | |
| ACG25 | 2-1/2" | 2-3/4, 2-7/8, 3 | 173.36 | | | | |
| ACG25 | 2-1/2" | 2-13/16 | 172.93 | | | | |
| ACG30 | 3" | 3-5/16, 3-9/16 | 204.91 | | | | |
| ACG40 | 4" | 4-9/32, 4-5/16, 4-3/8 | 351.93 | | | | |
| ACG40 | 4" | 4-1/2, 4-17/32, 4-9/16 | 357.81 | | | | |
| ACG40 | 4" | 4-5/8, 4-3/4 | 357.81 | | | | |



Female only 2/3 net price. Male only 1/2 net price.

Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:

Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50

Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50

NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

B- Brass Couplings - The finest quality brass couplings available. Made from 85-15 cast red brass. Complete with rings and gaskets. Two rocker lugs on male and swivel. Certificates of conformance can be furnished upon request.

| PART# | Hose X Thread SIZE | (Hose O.D.) BOWL | LIST |
|-------|-----------------------|---------------------|------|
| B15 | 1-1/2" | 1-3/4 | Call |
| B15 | 1-1/2" | 1-13/16 | Call |
| B15 | 1-1/2" | 1-15/16 | Call |
| B15 | 1-1/2" | 2 | Call |
| B15 | 1-1/2" | 2-1/16 | Call |
| B175 | 1-3/4" X 1-1/2" | 2-1/16 | Call |
| B175 | 1-3/4" X 1-1/2" | 2-3/16 | Call |
| B175 | 1-3/4" X 1-1/2" | 2-1/8 | Call |
| B25 | 2-1/2" | 2-13/16 | Call |
| B25 | 2-1/2" | 2-7/8 | Call |
| B25 | 2-1/2" | 2-15/16 | Call |
| B25 | 2-1/2" | 3 | Call |
| B30 | 3" | 3-17/32 | Call |
| B30 | 3" | 3-9/16 | Call |
| B33 | 3" X 2-1/2" | 3-17/32 | Call |
| B33 | 3" X 2-1/2" | 3-9/16 | Call |
| B35 | 3-1/2" X 3" | 4-1/16 | Call |
| B40 | 4" | 4-3/8 | Call |
| B40 | 4" | 4-17/32 | Call |
| B40 | 4" | 4-9/16 | Call |
| B40 | 4" | 4-5/8 | Call |

Rocker Lug Picture



***Pin Lug Charges:**

1-1/2" - 2-1/2" no charge
3" - 4" add \$15.00 to NET

***For Pin Lug Couplings add PL to the Part #**

examples: B15PL
B25PL

****If you need a bowl size that is not listed above please call for availability and price.****

ABR- Brass Rack Hose Coupling - Rocker lug or pin lug on swivel. Comes complete with rings and gaskets.

| PART# | SIZE | (Hose O.D.) BOWL | LIST | |
|---------|--------|---------------------|------|------------|
| ABR15 | 1-1/2" | 1-11/16 | call | Rocker Lug |
| ABR15PL | 1-1/2" | 1-11/16 | call | Pin Lug |



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:

Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50

NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

Female only 2/3 net price. Male only 1/2 net price.

LIGHTWEIGHT SUCTION HOSE COUPLINGS

A119 - Long Handle Female Only - Hardcoated, durable finish on 6061-T6 extruded aircraft aluminum alloy. Rings and gaskets included. Specify Hard or Soft Suction hose for proper gasket. Not for use on Spiral Hard Suction Hose.

| A119 Nominal Hose Size | Thread Size 2-1/2" | Thread Size 3" | Thread Size 3-1/2" | Thread Size 4" | Thread Size 4-1/2" | Thread Size 5" | Thread Size 6" |
|------------------------------|--------------------------|----------------------|--------------------------|----------------------|--------------------------|----------------------|----------------------|
| 2-1/2" | 46.60 | 86.65 | | | | | |
| 3" | 72.65 | 71.45 | | | | | |
| 3-1/2" | 120.78 | 118.98 | 101.32 | 150.38 | 168.76 | | |
| 4" | | | 121.96 | 122.07 | 150.45 | 207.96 | 290.52 |
| 4-1/2" | | | | 171.65 | 139.05 | 204.38 | 284.23 |
| 5" | | | | 202.69 | 211.00 | 173.03 | 281.87 |
| 6" | | | | 257.81 | 269.60 | 289.85 | 223.49 |

A119C - Chrome
2-1/2" - 3-1/2" add \$50.00
4" - 6" add \$75.00

Provide bowl size and thread.

Example: 5"x4-1/2"x5-3/8"-NH

***For Acucoat Color Coating:
Add 50% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT SUCTION HOSE COUPLINGS

A1299 - Complete set. Long Handle Female, Rocker Lug Male . Hardcoated, durable finish on 6061-T6 extruded aircraft aluminum alloy. Rings and gaskets included. Specify Hard or Soft Suction hose for proper gasket. Not for use on Spiral Hard Suction Hose.

| A1299 Nominal Hose Size | Thread Size 2-1/2" | Thread Size 3" | Thread Size 3-1/2" | Thread Size 4" | Thread Size 4-1/2" | Thread Size 5" | Thread Size 6" |
|-------------------------------|--------------------------|----------------------|--------------------------|----------------------|--------------------------|----------------------|----------------------|
| 2-1/2" | 71.52 | 130.34 | | | | | |
| 3" | 109.69 | 107.92 | | | | | |
| 3-1/2" | 182.38 | 179.58 | 153.07 | 226.67 | 254.25 | | |
| 4" | | | 184.07 | 184.27 | 226.81 | 313.07 | 436.94 |
| 4-1/2" | | | | 260.01 | 211.12 | 309.12 | 428.92 |
| 5" | | | | 309.96 | 322.38 | 265.27 | 428.74 |
| 6" | | | | 390.69 | 408.45 | 438.78 | 339.23 |

A1299C - Chrome

2-1/2" - 3-1/2" add \$75.00 to NET
4" add \$100.00 to NET
4-1/2" add \$125.00 to NET
5" - 6" add \$150.00 to NET

Provide bowl size and thread.

Example: 5"x4-1/2"x5-3/8"-NH

***For Acucoat Color Coating:
Add 50% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

Female only 2/3 NET price. Male only 1/2 NET price.

LIGHTWEIGHT SUCTION HOSE COUPLINGS

A1980 - Complete set. Rocker Lug Female, Rocker Lug Male. Hardcoated, durable finish on 6061-T6 extruded aircraft aluminum alloy. Rings and gaskets included. Specify Hard or Soft Suction hose for proper gasket. Not for use on Spiral Hard Suction Hose.

| A1980 Nominal Hose Size | Thread Size 2-1/2" | Thread Size 3" | Thread Size 3-1/2" | Thread Size 4" | Thread Size 4-1/2" | Thread Size 5" | Thread Size 6" |
|-------------------------------|--------------------------|----------------------|--------------------------|----------------------|--------------------------|----------------------|----------------------|
| 2-1/2" | 45.01 | 15.12 | | | | | |
| 3" | 84.45 | 82.67 | | | | | |
| 3-1/2" | 157.16 | 154.36 | 127.83 | 188.81 | 216.40 | | |
| 4" | | | 158.85 | 146.41 | 188.96 | 262.60 | 386.47 |
| 4-1/2" | | | | 222.16 | 173.27 | 258.65 | 378.43 |
| 5" | | | | 272.12 | 284.54 | 214.80 | 378.27 |
| 6" | | | | 352.83 | 370.61 | 388.32 | 288.76 |

A1980C - Chrome

2-1/2" - 3-1/2" add \$75.00 to NET
4" add \$100.00 to NET
4-1/2" add \$125.00 to NET
5" - 6" add \$150.00 to NET

Provide bowl size and thread.

Example: 5"x4-1/2"x5-3/8"-NH
3-Part or 5-Part

***For Acucoat Color Coating:
Add 50% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

Female only 2/3 NET price. Male only 1/2 NET price.

EXPANSION RING TYPE COUPLINGS

A1399 - Threaded Expansion Ring Type Coupling for Spiral Hard Suction Hose . Designed for lightweight, flexible, Spiral Hard Suction hose. Hardcoated, durable, Long Handle Female, Rocker Lug Male. Complete with rings and gaskets. Provide thread and hose manufacturer: Goodyear, Kuriyama, Pacific Echo, or other.

| Hose Size | Thread 4" | Thread 4-1/2" | Thread 5" | Thread 6" |
|-----------|-----------|---------------|-----------|-----------|
| 4" | 263.23 | 294.71 | | |
| 5" | | 370.09 | 337.01 | 380.57 |
| 6" | | 407.23 | 419.13 | 398.17 |



****Hose sample may be required****

Female only 2/3 NET. Male only 1/2 NET.

***For cost on Stamping & Thread info
see Page B**

AS1399 - Storz Expansion Ring Type Coupling for Spiral Hard Suction Hose . Designed for lightweight, flexible, Spiral Hard Suction hose. Hardcoated, durable, Hose By Storz. Complete with locks. Provide hose manufacturer: Goodyear, Kuriyama, Pacific Echo, or other.

| Hose Size | Storz 4" | Storz 5" | Storz 6" |
|-----------|----------|----------|----------|
| 4" | 342.38 | | |
| 5" | 378.50 | 429.36 | 625.94 |
| 6" | | 512.32 | 606.73 |



****Hose sample may be required****

1/2 Set or 1 end use 1/2 NET.

***For cost on Stamping & Thread info
see Page B**

COLLAR TYPE COUPLINGS

AL1399 - Threaded Coupling with 2-piece Spiral Collar. Designed to be field attachable for lightweight, flexible, Spiral Hard Suction hose. Hardcoated, durable, Long Handle Female, Rocker Lug Male.
Provide thread and hose manufacturer: Goodyear, Kuriyama, Pacific Echo, or other.

| Hose Size | Thread 4" | Thread 4-1/2" | Thread 5" | Thread 6" |
|-----------|-----------|---------------|-----------|-----------|
| 4" | 262.07 | | | |
| 5" | | 332.92 | 316.25 | 406.90 |
| 6" | | 436.78 | 408.36 | 381.48 |



****Hose sample may be required****

Female only 2/3 NET. Male only 1/2 NET.

Also Available in Rocker Lug Female

***For cost on Stamping & Thread info see Page B**

ALS1399 - Storz Coupling with 2-piece Spiral Collar. Designed to be field attachable for lightweight, flexible, Spiral Hard Suction hose. Hardcoated, durable. Complete with collars and locks.
Provide thread and hose manufacturer: Goodyear, Kuriyama, Pacific Echo, or other.

| Hose Size | Storz 4" | Storz 5" | Storz 6" |
|-----------|----------|----------|----------|
| 4" | 413.23 | | |
| 5" | 431.21 | 481.48 | 706.11 |
| 6" | | 571.55 | 692.36 |



****Hose sample may be required****

1/2 Set or 1 end use 1/2 NET.

***For cost on Stamping & Thread info see Page B**

COLLAR TYPE COUPLINGS

AL-Series - Threaded Coupling with 3-piece Collar for Rubber Covered or Double Jacket Hose .

Hardcoated, durable, Rocker Lug Female, Rocker Lug Male. For Soft Suction Hose only. Field Attachable.
Provide thread and hose manufacturer.

| PART # | SIZE | LIST | |
|--------|-------------------|--------|----------|
| AL440 | 4" X 4" RL/RL | 193.25 | SJ or DJ |
| AL445 | 4" X 4-1/2" RL/RL | 233.00 | SJ or DJ |
| AL450 | 4" X 5" RL/RL | 275.09 | SJ or DJ |
| AL540 | 5" X 4" RL/RL | 254.80 | SJ or DJ |
| AL545 | 5" X 4-1/2" RL/RL | 242.90 | SJ or DJ |
| AL550 | 5" X 5" RL/RL | 244.13 | SJ or DJ |
| AL560 | 5" X 6" RL/RL | 343.73 | SJ or DJ |
| AL660 | 6" X 6" RL/RL | 463.71 | SJ or DJ |

You must specify whether hose is SJ or DJ.



Female only 2/3 NET. Male only 1/2 NET.

***For cost on Stamping & Thread info
see Page B**

Hose sample may be required

AL-LH Series - Threaded Coupling with 3-piece Collar for Rubber Cover or Double Jacket Hose .

Hardcoated, durable, Long Handle Female, Rocker Lug Male. For Soft Suction Hose only. Field Attachable.
Provide thread and hose manufacturer.

| PART # | SIZE | LIST | |
|---------|-------------------|--------|----------|
| AL440LH | 4" X 4" LH/RL | 214.09 | SJ or DJ |
| AL445LH | 4" X 4-1/2" LH/RL | 253.84 | SJ or DJ |
| AL450LH | 4" X 5" LH/RL | 295.92 | SJ or DJ |
| AL540LH | 5" X 4" LH/RL | 275.63 | SJ or DJ |
| AL545LH | 5" X 4-1/2" LH/RL | 263.73 | SJ or DJ |
| AL550LH | 5" X 5" LH/RL | 264.96 | SJ or DJ |
| AL560LH | 5" X 6" LH/RL | 364.57 | SJ or DJ |
| AL660LH | 6" X 6" LH/RL | 484.55 | SJ or DJ |

You must specify whether hose is SJ or DJ.



Female only 2/3 NET. Male only 1/2 NET.

***For cost on Stamping & Thread info
see Page B**

Hose sample may be required

STORZ EXPANSION RING COUPLINGS

AS1299 Storz Expansion Ring Type Coupling for Rubber Covered Hose or Double Jacket Hose. Complete sets, hardcoated, durable. Complete with expansion rings and locks. **COMES W/PRESSURE GASKET MUST SPECIFY SUCTION.**
Specify if hose is SJ or DJ. Provide bowl size and hose manufacturer.. HOSE X STORZ X BOWL

| Hose Size | Storz 4" | Storz 5" | Storz 6" |
|-----------|----------|----------|----------|
| 4" | 263.28 | 444.34 | |
| 4-1/2" | 331.48 | 334.80 | |
| 5" | 373.67 | 375.25 | |
| 6" | 405.71 | 437.11 | 601.25 |



1/2 Set or 1 end available.

ACS Storz Expansion Ring Bowl for smaller diameter hose. Complete set. Storz Swivel Adapter Style w/circlip. **COMES W/PRESSURE GASKET MUST SPECIFY SUCTION.**
Must provide bowl size. HOSE X STORZ X BOWL

| PART# | HOSE | STORZ | LIST |
|-----------|--------|--------|--------|
| ACS-1515 | 1-1/2" | 1-1/2" | 94.38 |
| ACS-15175 | 1-3/4" | 1-1/2" | 101.21 |
| ACS-1520 | 2" | 1-1/2" | 124.98 |
| ACS-20175 | 1-3/4" | 2" | 124.67 |
| ACS-2020 | 2" | 2" | 148.44 |
| ACS-2525 | 2-1/2" | 2-1/2" | 159.48 |
| ACS-3025 | 2-1/2" | 3" | 186.84 |
| ACS-2530 | 3" | 2-1/2" | 203.75 |
| ACS-3030 | 3" | 3" | 207.76 |



1/2 Set or 1 end use 1/2 NET.

ASAL Storz Collar Type Coupling for Rubber Covered Hose or Double Jacket Hose. Complete sets, hardcoated, durable. Complete with locks. Field Attachable. **COMES W/PRESSURE GASKET**
Specify if hose is SJ or DJ. Provide hose manufacturer. HOSE X STORZ

| Hose Size | Storz 4" | Storz 5" | Storz 6" |
|-----------|----------|----------|----------|
| 4" | 220.03 | 346.00 | |
| 5" | 314.25 | 273.75 | |
| 6" | | 530.88 | 498.40 |



**A+ASAL=SJ HOSE
NEW SJ**



1/2 Set or 1 end use 1/2 NET.

(ASAL-5040 DJ = 5" HOSE X 4" STORZ DJ HOSE)

*For cost on Stamping & Thread info see Page B

*For Acucoat Color Coating: Add 50% to NET

STORZ ADAPTERS

AASS - Storz to Storz Adapter. Hardcoated. Complete with locks on 4" and above.

COMES W/PRESSURE GASKET MUST SPECIFY SUCTION GASKET

| Storz | Storz 1" | Storz 1-1/2" | Storz 2" | Storz 2-1/2" | Storz 3" | Storz 4" | Storz 5" | Storz 6" |
|--------|----------|--------------|----------|--------------|----------|----------|----------|----------|
| 1" | | 86.75 | 86.75 | | | | | |
| 1-1/2" | 86.75 | | 86.75 | 92.53 | | | | |
| 2" | 86.75 | 86.75 | | 104.11 | 80.98 | | | |
| 2-1/2" | | 92.53 | 104.11 | | 107.57 | 186.03 | 187.36 | |
| 3" | | | 80.98 | 107.57 | | 179.30 | 188.55 | |
| 4" | | | | 186.03 | 179.30 | | 225.57 | 348.17 |
| 5" | | | | 187.36 | 188.55 | 225.57 | | 378.25 |
| 6" | | | | | | 348.17 | 378.25 | |

AASS-CS - With Swivel Storz. *Specify which side swivels*
Available on 3", 4", 5", & 6" only.
Add \$29.50 to NET

*For Acucoat Color Coating:
Add 50% to NET

*For cost on Stamping & Thread info
see Page B



STORZ ADAPTERS

AAS137 - Rigid Female to Storz Adapter. Hardcoated. Complete with locks on 4" and above.

COMES W/PRESSURE GASKET MUST SPECIFY SUCTION GASKET

| Rigid Female | Storz 1" | Storz 1-1/2" | Storz 2" | Storz 2-1/2" | Storz 3" | Storz 4" | Storz 5" | Storz 6" |
|--------------|----------|--------------|----------|--------------|----------|----------|----------|----------|
| 3/4"-1" | 46.28 | 47.42 | | | | | | |
| 1-1/2" | 48.59 | 48.59 | 57.84 | 74.05 | 72.88 | | | |
| 2" | | 53.21 | 57.84 | 75.19 | 72.88 | | | |
| 2-1/2" | | 60.17 | 60.17 | 53.21 | 62.46 | 150.38 | 238.28 | |
| 3" | | | | 90.23 | 72.88 | 178.13 | 239.46 | |
| 3-1/2" | | | | | | 200.11 | 247.55 | |
| 4" | | | | | | 214.00 | 256.78 | 293.80 |
| 4-1/2" | | | | | | 216.30 | 263.73 | 336.59 |
| 5" | | | | | | 229.03 | 268.36 | 355.11 |
| 6" | | | | | | 262.59 | 293.80 | 356.28 |

AAS137-CS - With Swivel Storz.
Available on 3", 4", 5", & 6" only.
Add \$29.50 to NET.

***For Acucoat Color Coating:
Add 50% to NET**

AAS137LH - Rigid LH Female to Storz Adapter
2-1/2" - 6" only. Add \$10.00 to NET.

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

STORZ ADAPTERS

AAS136 - Rigid Male to Storz Adapter. Hardcoated. Complete with locks on 4" and above.

COMES W/PRESSURE GASKET MUST SPECIFY SUCTION GASKET

| Rigid Male | Storz 1" | Storz 1-1/2" | Storz 2" | Storz 2-1/2" | Storz 3" | Storz 4" | Storz 5" | Storz 6" |
|------------|----------|--------------|----------|--------------|----------|----------|----------|----------|
| 3/4"-1" | 40.48 | 52.07 | | | | | | |
| 1-1/2" | 46.28 | 52.07 | 52.07 | 65.94 | 72.88 | | | |
| 2" | | 57.84 | 57.84 | 56.69 | 72.88 | | | |
| 2-1/2" | | 63.63 | 60.17 | 57.84 | 59.00 | 148.07 | 197.80 | |
| 3" | | | | 79.40 | 62.46 | 163.09 | 202.42 | |
| 3-1/2" | | | | | | 193.17 | 218.61 | |
| 4" | | | | | | 161.96 | 200.11 | 268.36 |
| 4-1/2" | | | | | | 178.13 | 202.42 | 272.98 |
| 5" | | | | | | 185.07 | 208.21 | 325.03 |
| 6" | | | | | | 201.28 | 225.57 | 328.51 |

AAS136-CS - With Swivel Storz.

Available on 3", 4", 5", & 6" only.
Add \$29.50 to NET.

***For Acucoat Color Coating:
Add 50% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

STORZ ADAPTERS

AAS154RL - Rocker Lug Swivel Female to Storz Adapter. Hardcoated. Complete with locks on 4" and above.
COMES W/PRESSURE GASKET MUST SPECIFY SUCTION GASKET

| Swivel Female | Storz 1-1/2" | Storz 2" | Storz 2-1/2" | Storz 3" | Storz 4" | Storz 5" | Storz 6" |
|---------------|--------------|----------|--------------|----------|----------|----------|----------|
| 1-1/2" | 61.32 | 64.78 | 79.84 | | | | |
| 2" | 64.78 | 67.11 | 77.50 | | | | |
| 2-1/2" | 76.34 | 79.84 | 105.25 | 122.61 | 190.86 | 225.57 | |
| 3" | | | 161.96 | 130.71 | 207.05 | 277.13 | |
| 3-1/2" | | | | | 235.98 | 263.73 | |
| 4" | | | | | 234.82 | 260.25 | 301.90 |
| 4-1/2" | | | | | 252.15 | 254.48 | 321.57 |
| 5" | | | | | 266.05 | 260.25 | 351.63 |
| 6" | | | | | 303.05 | 327.36 | 362.05 |

AAS154RL-CS - With Swivel Storz.
Available on 3", 4", 5", & 6" only.
Add \$29.50 to NET.

***For Acucoat Color Coating:
Add 50% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

STORZ ADAPTERS

AAS154 - Long Handle Swivel Female to Storz Adapter. Hardcoated. Complete with locks on 4" and above.
COMES W/PRESSURE GASKET MUST SPECIFY SUCTION GASKET

| LH Swivel Female | Storz 2-1/2" | Storz 3" | Storz 4" | Storz 5" | Storz 6" |
|------------------|--------------|----------|----------|----------|----------|
| 2-1/2" | 126.09 | 143.44 | 211.69 | 246.40 | |
| 3" | 182.80 | 151.55 | 227.88 | 297.96 | |
| 3-1/2" | | | 256.82 | 284.57 | |
| 4" | | | 255.65 | 281.09 | 322.73 |
| 4-1/2" | | | 272.98 | 275.32 | 342.40 |
| 5" | | | 286.88 | 281.09 | 372.46 |
| 6" | | | 323.88 | 348.19 | 382.88 |

AAS154-CS - With Swivel Storz.
Available on 3", 4", 5", & 6" only.
Add \$29.50 to NET.

***For Acucoat Color Coating:
Add 50% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

STORZ ACCESSORIES

SCAP- Storz Caps . Hardcoated. Complete with locks on 4" and above.

1" thru 3" Storz Caps come with a chain instead of a cable

COMES W/SUCTION GASKET MUST SPECIFY PRESSURE GASKET

| PART # | SIZE | LIST |
|--------|--------|--------|
| SCAP10 | 1" | 42.38 |
| SCAP15 | 1-1/2" | 54.98 |
| SCAP20 | 2" | 56.13 |
| SCAP25 | 2-1/2" | 56.13 |
| SCAP30 | 3" | 67.59 |
| SCAP40 | 4" | 89.34 |
| SCAP50 | 5" | 124.86 |
| SCAP60 | 6" | 198.15 |



Available with Petcock (includes drill and tap)

Add \$18.40 to NET.

*For Acucoat Color Coating:
Add 35% to NET

All Caps Drilled and Tapped with 1/4" NPT Hole
Add \$5.40 to NET.

STORZ MOUNTING PLATES

SMP-450 Storz Mounting Plate. Holds 4" & 5" Storz fittings.

| PART # | SIZE | LIST |
|---------|---------|-------|
| SMP-450 | 4" & 5" | 48.13 |



*For Acucoat Color Coating:
Add 25% to NET

STORZ GASKETS

(Molded Synthetic Rubber)

GSP - Storz Pressure Gaskets

| PART # | SIZE | LIST |
|--------|--------|-------|
| GSP20 | 2" | 4.46 |
| GSP25 | 2-1/2" | 5.55 |
| GSP30 | 3" | 6.67 |
| GSP40 | 4" | 8.88 |
| GSP50 | 5" | 9.98 |
| GSP60 | 6" | 25.50 |

GSS - Storz Suction Gaskets

| PART # | SIZE | LIST |
|--------|--------|-------|
| GSS10 | 1" | 4.40 |
| GSS15 | 1-1/2" | 4.44 |
| GSS20 | 2" | 4.46 |
| GSS25 | 2-1/2" | 7.76 |
| GSS30 | 3" | 6.67 |
| GSS40 | 4" | 14.42 |
| GSS50 | 5" | 16.65 |
| GSS60 | 6" | 25.50 |



STORZ ELBOWS

ASE- Threaded Swivel Female to Storz with 30 Degree Elbow. Also available in Rigid Female and Male.

Swivel Storz available on 4", 5", and 6" only. The body available in hardcoated or chrome finish.

Stainless steel locks included on 4" and above. **For 45 Degree Elbow add \$10.00.**

COMES W/PRESSURE GASKET MUST SPECIFY SUCTION GASKET

| Swivel Female | Storz 2-1/2" | Storz 4" | Storz 5" |
|---------------|--------------|----------|----------|
| 2-1/2" | 204.75 | 229.03 | 299.59 |
| 3" | 218.63 | 232.50 | 314.61 |
| 3-1/2" | | 240.61 | 328.51 |
| 4" | | 237.13 | 331.98 |
| 4-1/2" | | 253.34 | 334.30 |
| 5" | | 255.63 | 334.30 |
| 6" | | 259.11 | 340.09 |



ASECS With Swivel Storz

Available on 3", 4", 5", & 6" only.
Add \$29.50 to NET.

***For Chrome:**

2-1/2" - 4" add \$80.00
4" - 6" add \$100.00

ASEM Male to Storz

Use Above Pricing.

***For cost on Stamping & Thread info see Page B**

ASELH Long Handle Swivel Female to Storz

Add \$10.00 to NET.

***For Acucoat Color Coating:
Add 50% to NET**

ASESS Rigid Storz to Swivel Storz with 30 Degree Elbow. Hardcoated. Complete with locks on 4" and above.

| Swivel Storz | Rigid Storz 2-1/2" | Rigid Storz 4" | Rigid Storz 5" |
|--------------|--------------------|----------------|----------------|
| 2-1/2" | 254.48 | | |
| 4" | | 397.92 | 481.17 |
| 5" | | 475.40 | 460.36 |
| 6" | | 610.75 | |



ASESSCS Double Swivel Storz

Add \$29.50 to NET.

Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:

Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50

Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50

NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

DRY HYDRANT AND WATER DELIVERY EQUIPMENT

Metal parts are 6061-T6 aircraft aluminum alloy, with durable hardcoated finish. PVC Strainer body is made of 6" diameter heavy-duty Schedule 40 PVC pipe, drilled with 1140 3/8" diameter drain holes. Each individual dry hydrant component can be purchased separately depending on your individual needs.

A+132 Male Dry Hydrant Adapter with 45 or 90 Degree PVC Elbow or 180 Degree straight piece. **Specify Threads.**

| SIZE | LIST |
|-------------|--------|
| 4" & 4-1/2" | 216.30 |
| 5" & 6" | 225.57 |



Degree Elbows A+132-45, A+132-90, A+132-180

A+132F Long Handle Female Dry Hydrant Adapter with 45 or 90 Degree PVC Elbow or 180 Degree straight piece.

| SIZE | LIST | <u>Specify Threads</u> |
|-------------|--------|-------------------------------|
| 4" & 4-1/2" | 282.90 | |
| 5" & 6" | 371.09 | |



Degree Elbows A+132F-45, A+132F-90, A+132F-180

A+S132 Storz Dry Hydrant Adapter with 45 or 90 Degree PVC Elbow or 180 Degree straight piece.

| SIZE | LIST |
|------|--------|
| 4" | 313.84 |
| 5" | 371.09 |
| 6" | 442.67 |

Degree Elbows A+S132-45, A+S132-90, A+S132-180

CS - Continuous Swivel Coupling for Stand Pipe. Allows for complete 360 Degree of rotation of Hydrant Elbow.

| LIST |
|--------|
| 176.90 |

A+131- Dry Hydrant Cap. Rocker Lug with Cable Attached.

Specify Thread.

| PART# | SIZE | LIST |
|----------|--------|--------|
| A+131-40 | 4" | 121.59 |
| A+131-45 | 4-1/2" | 128.11 |
| A+131-50 | 5" | 149.80 |
| A+131-60 | 6" | 172.55 |



A+130- Dry Hydrant Plug. Rocker Lug with Cable Attached.

Specify Thread.

| PART# | SIZE | LIST |
|----------|--------|--------|
| A+130-40 | 4" | 104.23 |
| A+130-45 | 4-1/2" | 128.11 |
| A+130-50 | 5" | 136.75 |
| A+130-60 | 6" | 163.86 |

A+133- PVC Strainer with 3/8" drain holes & removable cap.

| PART# | SIZE | LIST |
|---------|------|--------|
| A+133-A | 6" | 168.36 |
| A+133-B | 8" | 319.69 |

W/ 8" x 6" Reducing Adapter



***For Flapper on Dry Hydrant**

Add \$40.00 to NET

A+134- Underwater Strainer Support

| PART# | SIZE | LIST |
|---------|------|-------|
| A+134-A | 6" | 64.34 |
| A+134-B | 8" | 64.34 |



INFORMATION NEEDED TO ORDER ADAPTERS

1. NEED COMPLETE DESCRIPTION
(FEMALE X FEMALE - MALE X MALE - FEMALE X MALE)
2. NEED THREAD SIZE AND THREAD FOR EACH END
3. SPECIFY IF EITHER END ON THE FEMALE IS SWIVEL OR RIGID
AND/OR ROCKER LUG OR LONG HANDLE
4. SPECIFY ANY SPECIAL THREADS - THREAD SAMPLE MAY BE NEEDED
USE CITY NAME AND/OR OD OF MALE & TPI (THREADS PER INCH)
EXAMPLE: DETROIT (3.125 X 7.5)
5. IF EITHER END IS PIPE THREAD, YOU MUST SPECIFY TAPERED
OR STRAIGHT

***DO NOT LIST "IPT" AS A THREAD TYPE - YOU MUST SPECIFY NPSH OR NPT**

"NPT" - NATIONAL PIPE TAPERED - SEALS THREAD TO THREAD

"NPSH" - NATIONAL PIPE STRAIGHT - SEALS AGAINST A GASKET

6. IF YOU WANT SPECIAL STAMPING/LASER ENGRAVING, YOUR
ORDER WILL BE CONFIRMED FOR YOUR APPROVAL AND
WILL BE NON-RETURNABLE
7. ACUCOAT COLOR COATING IS AVAILABLE ON ALL ADAPTERS.
STANDARD COLORS ARE: BLACK, WHITE, YELLOW, RED,
BLUE, ORANGE, & GREEN. THESE ARE NON-RETURNABLE

******* ALL ADAPTERS INCLUDE GASKETS*******



LIGHTWEIGHT ADAPTERS

AA135 Rocker Lug Double Swivel Female Adapter.

Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy. Double swivel female adapter with rocker lugs for changing from male thread to swiveling female. Swivels on adapters are attached with a piston ring, stainless balls, or roller bearings. No roll-over or still threads are ever used to attach swivels.

| AA135 Swivel Female | Swivel Female 1" | Swivel Female 1-1/2" | Swivel Female 2" | Swivel Female 2-1/2" | Swivel Female 3" | Swivel Female 3-1/2" | Swivel Female 4" | Swivel Female 4-1/2" | Swivel Female 5" | Swivel Female 6" |
|---------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|----------------------|------------------|------------------|
| 1" | 21.98 | 30.09 | | | | | | | | |
| 1-1/2" | 30.09 | 32.40 | 43.96 | 49.76 | | | | | | |
| 2" | | 43.96 | 43.96 | 55.54 | | | | | | |
| 2-1/2" | | 49.76 | 55.54 | 43.96 | 89.07 | 126.09 | 133.03 | 136.51 | 182.76 | 270.67 |
| 3" | | | | 89.07 | 68.25 | 135.34 | 155.00 | 172.36 | 201.27 | 306.52 |
| 3-1/2" | | | | 126.09 | 135.34 | 130.72 | 156.16 | 172.36 | 214.00 | 313.47 |
| 4" | | | | 133.03 | 155.00 | 156.16 | 111.05 | 138.80 | 219.78 | 269.52 |
| 4-1/2" | | | | 136.51 | 172.36 | 172.36 | 138.80 | 131.87 | 219.78 | 272.98 |
| 5" | | | | 182.76 | 201.27 | 214.00 | 219.78 | 219.78 | 214.00 | 303.05 |
| 6" | | | | 270.67 | 306.52 | 313.47 | 269.52 | 272.98 | 303.05 | 242.91 |

AA135-C - Chrome

- 1" - 2" add \$40.00 to NET
- 2-1/2" - 3" add \$75.00 to NET
- 3-1/2" - 6" add \$125.00 to NET

***For Acucoat Color Coating:
Add 35% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT ADAPTERS

AA153RL Rigid Rocker Lug Female by Rocker Lug Swivel Female Adapter. Also available in Long Handle Swivel Female. Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy. The swivels on adapters are attached with a piston ring, stainless balls or roller bearings. No roll-over or still threads are ever used to attach swivels.

| AA153RL Swivel Female | Rigid Female 1-1/2" | Rigid Female 2" | Rigid Female 2-1/2" | Rigid Female 3" | Rigid Female 3-1/2" | Rigid Female 4" | Rigid Female 4-1/2" | Rigid Female 5" | Rigid Female 6" |
|-----------------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|-----------------|
| 1-1/2" | 37.03 | 45.12 | 61.32 | | | | | | |
| 2" | 43.96 | 45.12 | 74.03 | | | | | | |
| 2-1/2" | 53.21 | 71.72 | 78.67 | 106.43 | 151.54 | 134.18 | 202.43 | 254.47 | 414.11 |
| 3" | | | 109.89 | 96.01 | 186.23 | 244.07 | 263.74 | 331.98 | 397.91 |
| 3-1/2" | | | 137.65 | 164.25 | 215.16 | 307.69 | 349.32 | 382.87 | 517.05 |
| 4" | | | 120.31 | 215.16 | 266.05 | 240.60 | 257.96 | 335.45 | 431.45 |
| 4-1/2" | | | 178.14 | 263.74 | 344.71 | 284.56 | 267.20 | 374.78 | 505.47 |
| 5" | | | 288.03 | 294.96 | 349.32 | 375.92 | 386.34 | 416.40 | 467.31 |
| 6" | | | 384.03 | 512.43 | 517.05 | 388.65 | 404.85 | 411.78 | 434.92 |

*For Acucoat Color Coating:
Add 35% to NET

*For cost on Stamping & Thread info
see Page B

AA153RL-C - Chrome

1-1/2" - 2" add \$25.00 to NET
2-1/2" - 3" add \$50.00 to NET
3-1/2" - 6" add \$100.00 to NET



AA153 - Rigid Female to Long Handle Swivel Female .

Add \$10.00 to NET. Not Available in 1-1/2" and 2".

AA153-C - Rigid Female to Long Handle Swivel Female . Chrome.

Add \$10.00 to NET Price for Long Handle then add for Chrome.
1-1/2" - 2" add \$25.00 to NET
2-1/2" - 3" add \$50.00 to NET
3-1/2" - 6" add \$100.00 to NET



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT ADAPTERS

AA157 Long Handle Double Swivel Female Adapter .

Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy. Swivels on adapters are attached with stainless balls or roller bearings. No roll-over or still threads are ever used to attach swivels.

| AA157 LH Swivel Female | LH Swivel Female 2-1/2" | LH Swivel Female 3" | LH Swivel Female 3-1/2" | LH Swivel Female 4" | LH Swivel Female 4-1/2" | LH Swivel Female 5" | LH Swivel Female 6" |
|------------------------------|-------------------------------|---------------------------|-------------------------------|---------------------------|-------------------------------|---------------------------|---------------------------|
| 2-1/2" | 65.94 | 127.23 | 183.92 | 156.16 | 171.20 | 247.54 | 321.58 |
| 3" | 127.23 | 120.31 | 204.74 | 179.29 | 229.03 | 248.69 | 323.87 |
| 3-1/2" | 183.92 | 204.74 | 201.27 | 180.45 | 264.89 | 283.40 | 330.83 |
| 4" | 156.16 | 179.29 | 180.45 | 185.07 | 211.69 | 247.54 | 286.87 |
| 4-1/2" | 171.20 | 229.03 | 264.89 | 211.69 | 198.96 | 229.03 | 290.34 |
| 5" | 247.54 | 248.69 | 283.40 | 247.54 | 229.03 | 289.18 | 320.40 |
| 6" | 321.58 | 323.87 | 330.83 | 286.87 | 290.34 | 320.40 | 318.09 |

AA157-C - Chrome

2-1/2" - 3" add \$75.00 to NET.
3-1/2" - 6" add \$125.00 to NET.

***For Acucoat Color Coating:
Add 35% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT ADAPTERS

AA136 Rocker Lug Double Male Adapter .

Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy.
Double male adapter with rocker lugs for changing from female to male.

| AA136 Male | Male 1" | Male 1-1/2" | Male 2" | Male 2-1/2" | Male 3" | Male 3-1/2" | Male 4" | Male 4-1/2" | Male 5" | Male 6" |
|------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|---------|
| 3/4" | 20.94 | 38.18 | 50.90 | 46.27 | | | | | | |
| 1" | 18.52 | 35.86 | 50.90 | 40.48 | | | | | | |
| 1-1/2" | 35.87 | 19.67 | 32.40 | 34.70 | | | | | | |
| 2" | 50.91 | 32.40 | 33.55 | 35.86 | 93.70 | | | | | |
| 2-1/2" | 40.49 | 34.70 | 35.86 | 25.45 | 65.93 | 86.75 | 99.48 | 114.52 | 213.99 | |
| 3" | | | 93.70 | 65.93 | 60.15 | 116.83 | 137.65 | 146.9 | 334.28 | |
| 3-1/2" | | | | 86.75 | 116.83 | 94.85 | 116.83 | 141.12 | 318.09 | |
| 4" | | | | 99.48 | 137.65 | 116.83 | 102.95 | 150.37 | 144.59 | 194.33 |
| 4-1/2" | | | | 114.52 | 146.90 | 141.12 | 150.37 | 113.36 | 138.8 | 185.07 |
| 5" | | | | 213.99 | 334.28 | 318.09 | 144.59 | 138.80 | 117.98 | 159.63 |
| 6" | | | | | | | 194.33 | 185.07 | 159.63 | 166.57 |

AA136-C - Chrome

3/4" - 2" add \$20.00 to NET.
2-1/2" - 3" add \$25.00 to NET.
3-1/2" - 6" add \$50.00 to NET.

***For Acucoat Color Coating:
Add 35% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT ADAPTERS

AA137 Rigid Female by Male Rocker Lug Adapter .

Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy.

| AA137 Rigid Female | Male 3/4" | Male 1" | Male 1-1/2" | Male 2" | Male 2-1/2" | Male 3" | Male 3-1/2" | Male 4" | Male 4-1/2" | Male 5" | Male 6" |
|--------------------|-----------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|---------|
| 3/4" | 15.05 | 17.35 | 24.30 | 55.53 | 40.48 | | | | | | |
| 1" | 17.35 | 15.05 | 24.30 | 55.53 | 39.33 | | | | | | |
| 1-1/2" | 25.45 | 24.30 | 25.45 | 24.30 | 24.30 | 99.48 | | | | | |
| 2" | 41.65 | 38.18 | 24.30 | 38.18 | 39.33 | 99.48 | | | | | |
| 2-1/2" | 47.43 | 46.27 | 24.30 | 26.61 | 27.76 | 54.37 | 65.93 | 113.36 | 129.55 | 141.12 | 201.27 |
| 3" | | | 91.38 | 90.23 | 63.62 | 64.78 | 124.93 | 128.40 | 145.75 | 198.95 | 204.73 |
| 3-1/2" | | | | | 68.25 | 149.22 | 166.57 | 116.83 | 131.87 | 192.02 | 262.57 |
| 4" | | | | | 122.61 | 126.08 | 136.50 | 119.15 | 151.53 | 196.64 | 254.47 |
| 4-1/2" | | | | | 138.80 | 171.20 | 173.50 | 145.75 | 143.43 | 144.59 | 211.68 |
| 5" | | | | | 173.50 | 203.58 | 182.76 | 176.98 | 179.29 | 181.60 | 202.42 |
| 6" | | | | | 277.60 | 274.14 | 268.35 | 225.55 | 234.81 | 235.97 | 216.30 |

AA137-C - Chrome

3/4" - 2" add \$20.00 to NET.
2-1/2" - 3" add \$25.00 to NET.
3-1/2" - 6" add \$50.00 to NET.

***For Acucoat Color Coating:
Add 35% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT ADAPTERS

AA154RL Rocker Lug Swivel Female by Rocker Lug Male Adapter .

Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy. Swivels on adapters are attached with a piston ring, stainless balls or roller bearings. No roll-over or still threads are ever used to attach swivels.

AA154RL

| Swivel Female | Male 1-1/2" | Male 2" | Male 2-1/2" | Male 3" | Male 3-1/2" | Male 4" | Male 4-1/2" | Male 5" | Male 6" |
|---------------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|---------|
| 1-1/2" | 35.86 | 41.65 | 46.27 | | | | | | |
| 2" | 41.65 | 42.80 | 69.40 | | | | | | |
| 2-1/2" | 46.27 | 71.72 | 69.40 | 108.73 | 134.18 | 116.83 | 173.50 | 353.95 | 427.97 |
| 3" | | | 111.05 | 98.32 | 186.23 | 215.15 | 235.97 | 331.97 | 399.05 |
| 3-1/2" | | | 133.02 | 185.07 | 215.15 | 277.60 | 316.93 | 382.87 | 517.04 |
| 4" | | | 138.80 | 213.99 | 249.85 | 234.81 | 278.77 | 375.92 | 382.87 |
| 4-1/2" | | | 202.42 | 263.73 | 343.54 | 260.25 | 264.88 | 381.70 | 447.64 |
| 5" | | | 257.95 | 294.95 | 349.32 | 347.00 | 372.45 | 431.45 | 432.60 |
| 6" | | | 478.87 | 512.42 | 517.04 | 378.24 | 436.07 | 425.67 | 393.27 |

AA154RL-C - Chrome

- 1-1/2" - 2" add \$25.00 to NET.
- 2-1/2" - 3" add \$50.00 to NET.
- 3-1/2" - 6" add \$100.00 to NET.

***For Acucoat Color Coating:
Add 35% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT ADAPTERS

AA154 Long Handle Swivel Female by Rocker Lug Male Adapter .

Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy. Swivels on adapters are attached with stainless balls or roller bearings. No roll-over or still threads are ever used to attach swivels.

| AA154 LH Swivel Female | Male 2-1/2" | Male 3" | Male 3-1/2" | Male 4" | Male 4-1/2" | Male 5" | Male 6" |
|------------------------------|----------------|------------|----------------|------------|----------------|------------|------------|
| 2-1/2" | 91.62 | 130.96 | 156.40 | 139.04 | 195.73 | 376.18 | 450.20 |
| 3" | 133.27 | 120.53 | 208.44 | 237.38 | 258.20 | 354.20 | 421.27 |
| 3-1/2" | 155.24 | 207.29 | 237.38 | 299.82 | 339.16 | 405.09 | 539.27 |
| 4" | 161.02 | 236.22 | 272.07 | 257.02 | 301.00 | 398.13 | 405.09 |
| 4-1/2" | 224.64 | 285.96 | 365.76 | 282.47 | 287.11 | 403.93 | 469.87 |
| 5" | 280.18 | 317.18 | 371.53 | 369.22 | 394.67 | 453.67 | 454.82 |
| 6" | 501.09 | 534.64 | 539.27 | 400.47 | 458.29 | 447.89 | 415.49 |

AA154-C - Chrome

2-1/2" - 3" add \$50.00 to NET.
3-1/2" - 6" add \$100.00 to NET.

***For Acucoat Color Coating:
Add 35% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT ADAPTERS

AA156 Rigid Long Handle Female by Male Adapter .

Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy.

| AA156 Rigid LH Female | Male 2-1/2" | Male 3" | Male 3-1/2" | Male 4" | Male 4-1/2" | Male 5" | Male 6" |
|-----------------------------|----------------|------------|----------------|------------|----------------|------------|------------|
| 2-1/2" | 106.52 | 101.94 | 116.83 | 174.09 | 188.98 | 285.19 | 350.48 |
| 3" | 113.39 | 111.10 | 193.57 | 190.13 | 233.65 | 262.29 | 343.60 |
| 3-1/2" | 122.55 | 187.84 | 175.25 | 213.04 | 235.95 | 232.51 | 320.70 |
| 4" | 151.19 | 184.41 | 209.61 | 171.80 | 213.04 | 223.34 | 268.01 |
| 4-1/2" | 170.66 | 208.45 | 232.51 | 188.98 | 210.75 | 263.43 | 302.37 |
| 5" | 211.89 | 247.40 | 261.15 | 199.29 | 205.02 | 281.76 | 325.28 |
| 6" | 395.14 | 423.78 | 423.78 | 258.85 | 272.60 | 304.67 | 344.75 |

AA156-C - Chrome

2-1/2" - 3" add \$25.00 to NET.
3-1/2" - 6" add \$50.00 to NET.

***For Acucoat Color Coating:
Add 35% to NET**

***For cost on Stamping & Thread info
see Page B**



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

CAM & GROOVE ADAPTERS

ACGA - Cam-Lock Adapters. Lightweight aluminum. 2-Part Design. The cam arms are investment 316 stainless steel and are equipped with pull rings. All Cam & Groove connections conform to A-A-59326 (MIL-C-27487). Please specify what thread is required.

Style A = Cam Male X Threaded Female
Style B = Cam Female X Threaded Male

Style D = Cam Female X Threaded Female
Style F = Cam Male X Threaded Male

| PART # | CAM | THREAD | LIST |
|------------|---------------|---------------|--------|
| ACGA-15A | 1-1/2" Male | 1-1/2" Female | 50.31 |
| ACGA-15B | 1-1/2" Female | 1-1/2" Male | 69.17 |
| ACGA-15D | 1-1/2" Female | 1-1/2" Female | 74.98 |
| ACGA-15F | 1-1/2" Male | 1-1/2" Male | 44.50 |
| ACGA-20A | 2" Male | 2" Female | 66.82 |
| ACGA-20B | 2" Female | 2" Male | 85.86 |
| ACGA-20D | 2" Female | 2" Female | 90.54 |
| ACGA-20F | 2" Male | 2" Male | 62.17 |
| ACGA-2015A | 2" Male | 1-1/2" Female | 52.89 |
| ACGA-2015D | 2" Female | 1-1/2" Female | 76.59 |
| ACGA-25A | 2-1/2" Male | 2-1/2" Female | 68.33 |
| ACGA-25B | 2-1/2" Female | 2-1/2" Male | 95.23 |
| ACGA-25D | 2-1/2" Female | 2-1/2" Female | 97.56 |
| ACGA-25F | 2-1/2" Male | 2-1/2" Male | 66.02 |
| ACGA-30A | 3" Male | 3" Female | 110.67 |
| ACGA-30B | 3" Female | 3" Male | 139.62 |
| ACGA-30D | 3" Female | 3" Female | 144.27 |
| ACGA-30F | 3" Male | 3" Male | 106.00 |
| ACGA-40A | 4" Male | 4" Female | 218.36 |
| ACGA-40B | 4" Female | 4" Male | 226.51 |
| ACGA-40D | 4" Female | 4" Female | 228.45 |
| ACGA-40F | 4" Male | 4" Male | 202.08 |
| ACGA-50A | 5" Male | 5" Female | 338.88 |
| ACGA-50B | 5" Female | 5" Male | 325.51 |
| ACGA-50D | 5" Female | 5" Female | 389.44 |
| ACGA-50F | 5" Male | 5" Male | 274.95 |
| ACGA-60A | 6" Male | 6" Female | 400.07 |
| ACGA-60B | 6" Female | 6" Male | 436.06 |
| ACGA-60D | 6" Female | 6" Female | 486.03 |
| ACGA-60F | 6" Male | 6" Male | 350.07 |



***For Acucoat Color Coating:
Add 50% to NET**

Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Adapt., 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Adapt., 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT CAPS

CAP - Two-Part Swivel Female Cap. Rocker lug and long handle available with or without 12" stainless steel chain. Made of extruded 6061-T6 aircraft aluminum alloy. Hardcoated or chrome finish. Also available in solid.

| SIZE | PART # | LIST WITH | | LIST WITHOUT | | LIST LH WITH | | LIST LH WITHOUT | |
|--------|--------|-----------|--------|--------------|----------|--------------|----------|-----------------|-------|
| | | CHAIN | PART# | CHAIN | | PART# | CHAIN | PART# | CHAIN |
| 1" | CAP10A | 38.18 | CAP10B | 28.93 | | | | | |
| 1-1/2" | CAP15A | 31.23 | CAP15B | 21.98 | | | | | |
| 2" | CAP20A | 42.80 | CAP20B | 33.55 | | | | | |
| 2-1/2" | CAP25A | 61.31 | CAP25B | 52.06 | CAP25LHA | 83.53 | CAP25LHB | 74.28 | |
| 3" | CAP30A | 89.07 | CAP30B | 79.82 | CAP30LHA | 111.29 | CAP30LHB | 102.04 | |
| 3-1/2" | CAP35A | 115.67 | CAP35B | 106.42 | CAP35LHA | 137.89 | CAP35LHB | 128.64 | |
| 4" | CAP40A | 124.93 | CAP40B | 115.68 | CAP40LHA | 147.16 | CAP40LHB | 137.91 | |
| 4-1/2" | CAP45A | 131.89 | CAP45B | 122.64 | CAP45LHA | 154.11 | CAP45LHB | 144.86 | |
| 5" | CAP50A | 155.02 | CAP50B | 145.77 | CAP50LHA | 177.24 | CAP50LHB | 167.99 | |
| 6" | CAP60A | 179.29 | CAP60B | 170.04 | CAP60LHA | 201.51 | CAP60LHB | 192.26 | |

CAP-C - Chrome Caps

- 1" - 2" add \$25.00 to NET.
- 2-1/2" - 3" add \$50.00 to NET.
- 3-1/2" - 6" add \$75.00 to NET.

***For Acucoat Color Coating:
Add 35% to NET**

***For cost on Stamping & Thread info
see Page B**

CAP-S - Solid Caps

- 1" - 4" add \$10.00 to NET.
- 4-1/2" - 6" add \$20.00 to NET.

**All Caps Drilled and Tapped with 1/4" NPT Hole
Add \$5.40 to NET.**

**All Caps with Petcock/Bleeder includes drill and tap
Add \$18.40 to NET.**

LH Solid Caps only available in 4" - 6"



TWO-PART CAP



SOLID CAP

Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Charge, 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Charge, 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

LIGHTWEIGHT PLUGS

PLUG - One Piece Rocker Lug Male. Available with or without 12" stainless steel chain. Made of extruded 6061-T6 aircraft aluminum alloy. Hardcoated or chrome finish.

| SIZE | PART # | LIST WITH | PART# | LIST WITHOUT |
|--------|---------|-----------|---------|--------------|
| | | CHAIN | | CHAIN |
| 1" | PLUG10A | 41.65 | PLUG10B | 32.40 |
| 1-1/2" | PLUG15A | 46.27 | PLUG15B | 37.02 |
| 2" | PLUG20A | 57.83 | PLUG20B | 48.58 |
| 2-1/2" | PLUG25A | 64.78 | PLUG25B | 55.53 |
| 3" | PLUG30A | 69.40 | PLUG30B | 60.15 |
| 3-1/2" | PLUG35A | 75.18 | PLUG35B | 65.93 |
| 4" | PLUG40A | 106.42 | PLUG40B | 97.17 |
| 4-1/2" | PLUG45A | 131.89 | PLUG45B | 122.64 |
| 5" | PLUG50A | 141.12 | PLUG50B | 131.87 |
| 6" | PLUG60A | 170.03 | PLUG60B | 160.78 |



***For Acucoat Color Coating:
Add 35% to NET**

PLUG-C - Chrome Plug

1" - 2" add \$20.00 to NET.
2-1/2" - 3" add \$25.00 to NET.
3-1/2" - 6" add \$50.00 to NET.

***For cost on Stamping & Thread info
see Page B**

**All Plugs Drilled and Tapped with 1/4" NPT Hole
Add \$5.40 to NET.**

**All Plugs with Petcock includes drill and tap
Add \$18.40 to NET.**

SS - Screens/Strainers for Suction Adapters. Strainers must be installed at time of manufacture of adapter. Also available to replace existing strainer. Strainers are installed on swivel side.

| SIZE | PART # | LIST |
|--------|--------|-------|
| 2-1/2" | SS25 | 22.68 |
| 3" | SS30 | 74.85 |
| 3-1/2" | SS35 | 74.85 |
| 4" | SS40 | 74.85 |
| 4-1/2" | SS45 | 74.85 |
| 5" | SS50 | 82.79 |
| 6" | SS60 | 82.79 |



Thread Charges: Other than National Standard (NH or NST), Iron Pipe (NPSH or SIPT) or GHT add:
Spec. Thd. Charge, 3/4" thru 3" Qty. 1-10 add \$3.50 Qty. 11-49 add \$3.00 to NET per end/unit for orders less than 50
Spec. Thd. Charge, 3-1/2" thru 6" Qty. 1-10 add \$6.00 Qty. 11-49 add \$5.00 to NET per end/unit for orders less than 50
NPT (Tapered Pipe) is considered a Special Thread and cannot be furnished on a swivel.

ACCESSORIES

A+122 Nozzle Adapter - Made from hardcoated extruded 6061-T6 lightweight aircraft aluminum alloy. Overall length is 6". Female to Male Nozzle Adapter.

| PART # | SIZE | LIST | LIST |
|------------|-----------------|-----------|------------|
| | | QTY. 1-10 | QTY. 11-UP |
| A+122-2515 | 2-1/2" X 1-1/2" | 119.15 | 117.99 |
| A+122-3025 | 3" x 2-1/2" | 168.21 | 166.58 |



***Acucoat Color Coating for all:
Add 35% to NET**

A-ASB Smooth Bore Tips. Hardcoated. Lengths vary per orifice. Call for details. Female to Orifice Tip.

Must Specify Orifice Size

| PART # | BASE | LIST | LIST |
|---------|---------------|-----------|------------|
| | | QTY. 1-10 | QTY. 11-UP |
| A-ASB-2 | 1-1/2" Female | 182.65 | 180.88 |



ORIFICE SIZES: 3/8", 1/2", 5/8", 3/4", 7/8" 15/16", 1", 1-1/8", 1-1/4"

A+153 Line Gauge - For testing static pressure in nozzle or hose. Rocker Lug. Equipped with 300 PSI. Glycerin filled gauge. Body is made of 6061-T6 aluminum alloy, hardcoated, with 2-1/2" diameter gauge.

| PART # | SIZE | LIST |
|----------|--------|--------|
| A+153-10 | 1" | 122.09 |
| A+153-15 | 1-1/2" | 125.31 |
| A+153-20 | 2" | 129.06 |
| A+153-25 | 2-1/2" | 134.42 |
| A+153-30 | 3" | 163.86 |



Chrome available - call for pricing. Spec thread charge per end.

A+154 Cap Gauge - Used to test static pressure on trucks and hydrants. Rocker Lug. Glycerin filled gauge registers 0 to 300 PSI. Body is made of 6061-T6 aluminum alloy, hardcoated, with 2-1/2" diameter gauge. Complete with petcock/bleeder valve.

| PART# | SIZE | LIST |
|----------|--------|--------|
| A+154-15 | 1-1/2" | 160.48 |
| A+154-20 | 2" | 163.16 |
| A+154-25 | 2-1/2" | 176.01 |
| A+154-30 | 3" | 188.86 |
| A+154-35 | 3-1/2" | 201.72 |



Chrome available - call for pricing.

A+155 Line Gauge Fully Protected - Made for standpipe use, with fully enclosed gauge to protect against damage. Rocker Lug. Available in any thread. Glycerin filled gauge registers 0 to 300 PSI. Gauge body is made from 6061-T6 aluminum alloy, hardcoated, with 2-1/2" diameter liquid filled gauge centered in a 3-15/32" protective aluminum housing. Measures Static Pressure.

| PART# | SIZE | LIST |
|----------|--------|--------|
| A+155-15 | 1-1/2" | 282.74 |
| A+155-25 | 2-1/2" | 293.45 |



Chrome available - call for pricing. Spec thread charge per end.

ACCESSORIES

Mounting Plates - For securing firefighting apparatus on vehicles or in cabinets. Rigid male or swivel female with rocker lug. Made of tough, extruded, lightweight 6061-T6 aluminum alloy, hardcoated. Must specify Thread.

For cost on Stamping & Thread info see Page B

Rigid Male

| PART # | SIZE | LIST |
|--------|--------|-------|
| M10 | 1" | 19.67 |
| M15 | 1-1/2" | 19.67 |
| M20 | 2" | 20.82 |
| M25 | 2-1/2" | 20.82 |
| M30 | 3" | 46.28 |
| M35 | 3-1/2" | 53.21 |
| M40 | 4" | 60.16 |
| M45 | 4-1/2" | 67.10 |
| M50 | 5" | 70.55 |
| M60 | 6" | 79.83 |



***Acucoat Color Coating for all:
Add 50% to NET**

Swivel Female

| PART # | SIZE | LIST |
|--------|--------|--------|
| FEM10 | 1" | 27.76 |
| FEM15 | 1-1/2" | 27.76 |
| FEM20 | 2" | 30.08 |
| FEM25 | 2-1/2" | 30.08 |
| FEM30 | 3" | 68.26 |
| FEM35 | 3-1/2" | 79.83 |
| FEM40 | 4" | 89.08 |
| FEM45 | 4-1/2" | 93.69 |
| FEM50 | 5" | 99.47 |
| FEM60 | 6" | 109.57 |

Chrome available - M10-C

1" - 2" add \$20.00 to NET.
2-1/2" - 3" add \$25.00 to NET.
3-1/2" - 6" add \$50.00 to NET.

Chrome available - FEM10-C

1" - 2" add \$25.00 to NET.
2-1/2" - 3" add \$50.00 to NET.
3-1/2" - 6" add \$100.00 to NET.

Decorative Clock Couplings - The decorative clock coupling can be ordered in any Acucoat color and laser engraved to your specifications. These clocks are great for service awards and can also be used as a desktop pencil holder.

LIST
141.67



ACCESSORIES

ABS-4 Barrel Strainer - Prevents contamination of water being transferred from sources such as ponds into holding tanks, tankers, etc. Made from extruded 6061-T6 aircraft aluminum alloy with Swivel Female end.

| PART # | SIZE | LIST |
|----------|--------|--------|
| ABS-4-15 | 1-1/2" | 336.44 |
| ABS-4-25 | 2-1/2" | 291.90 |
| ABS-4-30 | 3" | 283.50 |
| ABS-4-35 | 3-1/2" | 332.33 |
| ABS-4-40 | 4" | 381.15 |
| ABS-4-45 | 4-1/2" | 408.45 |
| ABS-4-50 | 5" | 418.96 |
| ABS-4-60 | 6" | 358.19 |

Must specify thread

***Acucoat Color Coating for all:
Add 50% to NET**



ABSR-4 Barrel Strainer - Lightweight Barrel Strainer - Rigid Female end.

| PART # | SIZE | LIST |
|-----------|------|--------|
| ABSR-4-50 | 5" | 183.10 |
| ABSR-4-60 | 6" | 216.50 |

ABS-1 Basket Strainer/Diffuser - Lightweight 6061-T6 aluminum body with rigid stainless steel mesh. Used for straining debris out of your suction line or for diffusing water out of a hydrant. **Must specify thread.**

| PART # | SIZE | LIST |
|----------|--------|--------|
| ABS-1-25 | 2-1/2" | 128.52 |
| ABS-1-30 | 3" | 133.88 |
| ABS-1-35 | 3-1/2" | 139.23 |
| ABS-1-40 | 4" | 153.15 |
| ABS-1-45 | 4-1/2" | 158.51 |
| ABS-1-50 | 5" | 189.57 |
| ABS-1-60 | 6" | 208.85 |



A-LL Low Level Strainers - Our low level strainer is essential for pumpers over 1200 gpm and delivers the maximum water available. A 45 degree elbow with a constant swiveling collar enables the strainer to sit flush in a porta-tank. The strainer is made of hardcoated high-strength extruded 6061-T6 aluminum alloy. Rounded base design ensures you can't snag the sides or bottom of your porta-tank. Please specify thread or storz size when ordering.

| PART # | SIZE | LIST | STORZ | LIST |
|--------|--------|--------|----------|--------|
| A-LL25 | 2-1/2" | 390.85 | | |
| A-LL30 | 3" | 420.92 | | |
| A-LL40 | 4" | 507.77 | A-LL40-S | 538.96 |
| A-LL45 | 4-1/2" | 512.22 | | |
| A-LL50 | 5" | 560.11 | A-LL50-S | 584.60 |
| A-LL60 | 6" | 640.28 | A-LL60-S | 723.80 |



2-1/2" - 4-1/2" Drafts down to 1.68"

5" - 6" Drafts down to 2"

For attached Jet Siphon Add \$106.25 to NET only on 5" & 6".

Low Level Strainers with Jet Siphon includes 1-1/2" connection with 1-1/2" plug. This allows you to continue to use the Strainer as a Low Level Strainer.

ACCESSORIES

A1135 Power Jet Siphon - Unbeatable for moving water through suction hoses between portable tanks. Completely dependable venturi action. Tough, lightweight aluminum alloy body resists abrasion and corrosion. 1-1/2" inlet, any thread. **Specify outlet thread if other than NH.** Available with Storz.

| PART # | SIZE | LIST | | STORZ | LIST |
|----------|--------|--------|---|----------|--------|
| A1135-40 | 4" | 145.92 |  | S1135-40 | 186.09 |
| A1135-45 | 4-1/2" | 167.34 | | S1135-50 | 214.20 |
| A1135-50 | 5" | 174.04 | | S1135-60 | 244.99 |
| A1135-60 | 6" | 204.83 | | | |

SG-154 Sight Glass - This diverse product lets you see the quality and quantity of the water you are drafting. The sight glass can be placed on a dry hydrant system or at the intake on a truck. Made from light weight high impact resistant acrylic tubing and 6061-T6 hardcoated aluminum. With swivel female to male connections. Use for drafting only. **Must specify thread.**

| PART # | SIZE | LIST |
|----------|--------|--------|
| SG154-25 | 2-1/2" | 116.66 |
| SG154-30 | 3" | 137.87 |
| SG154-40 | 4" | 190.89 |
| SG154-45 | 4-1/2" | 243.92 |
| SG154-50 | 5" | 296.94 |
| SG154-60 | 6" | 349.73 |



WC Water Curtain - Protect surrounding structures with a wall of water. Fully adjustable shutter lets you regulate how much water you dedicate to this function. Durable construction using 6061-T6 aluminum that has been hardcoated. **Must specify thread.**

| PART # | SIZE | LIST |
|--------|--------|--------|
| WC15 | 1-1/2" | 304.95 |
| WC25 | 2-1/2" | 372.72 |



LIGHTWEIGHT ELBOWS

AE Lightweight Elbows - 30 and 45 Degree Elbows are machined from tough extruded 6061-T6 aircraft aluminum alloy. Available in any thread and may be specified as increasers or reducers, rocker lug on female, long handle female and double swivel female are also available. Hardcoated or chrome finish.

30 DEGREE (Heavy Duty)

| PART # | SIZE | LIST |
|------------|--------|--------|
| AE15-15-30 | 1-1/2" | 197.60 |
| AE25-25-30 | 2-1/2" | 185.98 |
| AE30-30-30 | 3" | 234.80 |
| AE35-35-30 | 3-1/2" | 308.02 |
| AE40-40-30 | 4" | 354.52 |
| AE45-45-30 | 4-1/2" | 377.76 |
| AE50-50-30 | 5" | 406.82 |
| AE60-60-30 | 6" | 435.88 |

45 DEGREE (Heavy Duty)

| PART # | SIZE | LIST |
|------------|--------|--------|
| AE15-15-45 | 1-1/2" | 203.41 |
| AE25-25-45 | 2-1/2" | 191.79 |
| AE30-30-45 | 3" | 254.56 |
| AE35-35-45 | 3-1/2" | 319.65 |
| AE40-40-45 | 4" | 377.76 |
| AE45-45-45 | 4-1/2" | 401.01 |
| AE50-50-45 | 5" | 430.07 |
| AE60-60-45 | 6" | 459.13 |

90 DEGREE (w/cast aluminum elbow)

| PART # | SIZE | LIST |
|------------|--------|--------|
| AE15-15-90 | 1-1/2" | 215.03 |
| AE25-25-90 | 2-1/2" | 209.22 |



***For cost on Stamping & Thread info see Page B**

***For Increasing or reducing elbows, use the price listed for the largest end.**

***Increasing or reducing, non-standard, elbow part# example:
AE30-NH.25-NH-30
3" Swivel Female-NH x 2-1/2" Male-NH
30 Degree Elbow**

Chrome - example: AE15-15-30-C

1-1/2" - 3" add \$75.00 to NET.
3-1/2" - 6" add \$125.00 to NET.

***Acucoat Color Coating:
Add 50% to NET**

Long Handle Swivel Female to Male

example: AELH25-25-30 or chrome AELH25-25-30-C
Add \$10.00 to NET.

Rocker Lug Swivel Female to Rocker Lug Swivel Female

example: AEFF25-25-30 or chrome AEFF25-25-30-C
Add \$15.00 to NET.

Rocker Lug Swivel Female to Long Handle Swivel Female

example: AEFLLH25-25-30 or AEFLLH25-25-30-C
Add \$20.00 to NET.

EXPANSION RINGS

RINGS Expansion Rings - We use 85-15 brass for all expansion rings to assure maximum expansion without danger of breakage. One edge is chamfered to lessen danger of cutting hose.

| PART # | O.D. | Length | Thickness | Each LIST | |
|------------|---------|--------|-----------|-----------|-------------------------------|
| RINGS-1010 | 1" | 1" | 0.05 | 2.81 | |
| RINGS-1014 | 1" | 1-1/4" | 0.05 | 2.81 | Standard for 1" |
| RINGS-1534 | 1-1/2" | 3/4" | 0.05 | 2.81 | Standard for 1-1/2" Rack Hose |
| RINGS-1578 | 1-1/2" | 7/8" | 0.05 | 2.92 | Not Common - Non-Returnable |
| RINGS-1510 | 1-1/2" | 1" | 0.05 | 3.13 | |
| RINGS-1514 | 1-1/2" | 1-1/4" | 0.05 | 3.21 | Standard for 1-1/2" |
| RINGS-175 | 1-3/4" | 1-1/4" | 0.05 | 3.53 | |
| RINGS-214 | 2" | 1-1/4" | 0.05 | 3.93 | |
| RINGS-212 | 2" | 1-1/2" | 0.05 | 3.93 | Standard for 2" |
| RINGS-2515 | 2-7/16" | 1-1/2" | 0.062 | 4.82 | Standard for 2-1/2" |
| RINGS-30 | 3" | 2" | 0.07 | 10.85 | |
| RINGS-35 | 3-1/2" | 2" | 0.092 | 16.29 | |
| RINGS-40 | 4" | 2" | 0.092 | 21.19 | |
| RINGS-45 | 4-1/2" | 2" | 0.092 | 26.91 | |
| RINGS-50 | 5" | 2" | 0.092 | 34.00 | |
| RINGS-60 | 6" | 2" | 0.092 | 43.17 | |

Special cut expansion rings available, call for pricing.

BALL 1/4" Stainless Steel Ball Bearings - For swivel attachments or rocker lug couplings 3" - 3-1/2", long handle couplings 2-1/2" - 3-1/2", and all swivel adapters 2-1/2" - 3-1/2".

| PART # | SWIVEL | No. of Balls | LIST TOTAL |
|---------|--------|--------------|------------|
| BALL-25 | 2-1/2" | 39 | 14.35 |
| BALL-30 | 3" | 46 | 16.55 |
| BALL-35 | 3-1/2" | 52 | 18.75 |
| BALL-40 | 4" | 58 | 19.87 |

4" Brass Only

ROLLER Metal Roller Bearings - For 4" - 6" couplings.

| PART # | SIZE | No. of Rollers | LIST TOTAL |
|-----------|--------|----------------|------------|
| ROLLER-40 | 4" | 40 | 14.35 |
| ROLLER-45 | 4-1/2" | 45 | 16.55 |
| ROLLER-50 | 5" | 49 | 16.66 |
| ROLLER-60 | 6" | 57 | 19.87 |



RPLUG Retaining Plugs - For Ball Bearing and Roller Bearing

| PART # | | LIST |
|---------|------------------------------------|------|
| RPLUG-A | Retaining Plug for Ball Bearings | 1.11 |
| RPLUG-B | Retaining Plug for Roller Bearings | 1.11 |

LATHE CUT SWIVEL GASKETS

Swivel Gaskets - The swivel gasket is located inside the swivel or female on a coupling or adapter.

| PART # | Description | I.D. | O.D. | Thickness | Each LIST | |
|--------|-------------------------|--------|--------|-----------|-----------|-----------------------|
| G12000 | 3/4" Garden Hose Swivel | 0.75 | 1.0625 | 1/8" | 1.04 | |
| G12005 | 1" Swivel | 1.0312 | 1.4375 | 1/8" | 1.04 | Also for Booster Hose |
| G12011 | 1-1/2" NPSH Swivel | 1.5312 | 2.0625 | 1/8" | 1.04 | |
| G12015 | 1-1/2" NH Swivel | 1.5781 | 2.0625 | 1/8" | 1.04 | |
| G12012 | 1-1/2" X-Large Swivel | 1.2187 | 2.250 | 1/8" | 1.04 | |
| G12038 | 2" Swivel | 2.0625 | 2.625 | 1/8" | 1.33 | |
| G12042 | 2-1/2" NPSH Swivel | 2.4375 | 3.1875 | 3/16" | 1.60 | |
| G12041 | 2-1/2" NH Swivel | 2.500 | 3.2187 | 3/16" | 1.60 | |
| G12040 | 2-1/2" X-Large Swivel | 2.5625 | 3.250 | 3/16" | 1.60 | |
| G12043 | 2-1/2" Swivel (3-Part) | 2.5625 | 3.1875 | 3/16" | 1.60 | |
| G12060 | 3" Swivel | 3.125 | 3.7812 | 1/4" | 2.37 | |
| G12070 | 3-1/2" Swivel | 3.5937 | 4.4062 | 1/4" | 3.04 | |
| G12080 | 4" Swivel | 4.0937 | 5.1562 | 1/4" | 4.37 | |
| G12086 | 4-1/2" Swivel | 4.5937 | 5.9062 | 1/4" | 4.91 | |
| G12090 | 5" Swivel | 5.0937 | 6.4062 | 1/4" | 5.89 | |
| G12100 | 6" Swivel | 6.0937 | 7.1562 | 1/4" | 8.31 | |

Special cut swivel gaskets available, call for pricing.

LATHE CUT TAIL GASKETS

Tail Gaskets - Tail gaskets go into the bowl of the coupling.

| PART # | Description | I.D. | O.D. | Thickness | LIST |
|---------------|---|-------------------|--------|-----------|------|
| G12003 | 1" SJ Tail | 1.0312 | 1.3125 | 3/16" | 1.04 |
| G12004 | 1" SJ Tail, Thin Wall | 1.1562 | 1.3125 | 3/16" | 1.04 |
| G12001 | 1" DJ Tail | 1.0625 | 1.5625 | 3/16" | 1.04 |
| G12020 | 1-1/2" SJ Tail, Rack (Alum) | 1.5625 | 1.9062 | 3/16" | 1.04 |
| G12017 | 1-1/2" DJ Tail, Thin Wall | 1.7812 | 2.0937 | 3/16" | 1.04 |
| G12016 | 1-1/2" DJ Tail | 1.625 | 2.0312 | 3/16" | 1.04 |
| G12014 | 1-1/2" Tail 2" & 2-1/16" Bowl Alum | | | 3/16" | 1.04 |
| G12007 | 1-1/2" Tail, Brass Rack Hose | 1.6093 | 1.7812 | 3/16" | 1.04 |
| G12021 | 1-3/4" Tail, 2-1/8" Bowl, Thin | 1.875 | 2.2812 | 3/16" | 1.24 |
| G12030 | 1-3/4" Tail, 2-1/4" 2-3/16" Bowl | 1.8437 | 2.3125 | 3/16" | 1.24 |
| G12022 | 1-3/4" Tail, 2-1/8" Bowl, DJ | 1.8437 | 2.2812 | 3/16" | 1.24 |
| G12023 | 1-3/4" Tail, 2-1/16" Bowl, SJ | 1.8437 | 2.2187 | 3/16" | 1.24 |
| G12034 | 2" Tail | 2.25 | 2.625 | 3/16" | 1.41 |
| G12036 | 2" DJ Tail | | | | 1.41 |
| G12103 | 2" 3-Part | | | | 1.41 |
| G12046 | 2-1/2" SJ Tail, 2-15/16", 2-7/8" Bowl | 2.5625 | 3.0312 | 1/4" | 1.60 |
| G12047 | 2-1/2" Tail, 2-11/16", 2-13/16" Bowl Alum | 2.5312 | 2.875 | 1/4" | 1.60 |
| G12045 | 2-1/2" Tail, Thin Wall, DJ | 2.8125 | 3.1562 | 1/4" | 1.60 |
| G12044 | 2-1/2" DJ Tail | 2.625 | 3.1562 | 1/4" | 1.60 |
| G12062 | 3" SJ Tail | 3.0625 | 3.625 | 1/4" | 2.37 |
| G12061 | 3" Tail, Thin Wall DJ | 3.2812 | 3.7812 | 1/4" | 2.37 |
| G12060 | 3" DJ Tail (Same as Swivel) | 3.125 | 3.7812 | 1/4" | 2.37 |
| G12070 | 3-1/2" DJ Tail | 3.5937 | 4.4062 | 1/4" | 3.04 |
| G12080 | 4" DJ Tail, 4-15/16" Same as Swivel | 4.093 | 5.156 | 1/4" | 4.37 |
| G12080-4-58 | 4" Tail Gasket 4-5/8" Bowl | 4.093 | 4.903 | 1/4" | 7.60 |
| G12080-4-1116 | 4" Tail Gasket 4-11/16" Bowl | 4.093 | 5.006 | 1/4" | 7.60 |
| G12080-4-34 | 4" Tail Gasket 4-3/4" Bowl | 4.093 | 5.006 | 1/4" | 7.60 |
| G12081 | 4" SJ Tail, 4-5/16", 4-3/8", 4-1/4", 4-7/16", 4-9/32" | 4.063 | 4.531 | 1/4" | 4.37 |
| G12082 | 4" DJ Tail, 4-9/16", 4-17/32", 4-1/2" | 4.063 | 4.719 | 1/4" | 4.37 |
| GASKET-Spec | 4-1/2" DJ Tail | SPECIFY BOWL SIZE | | 1/4" | 4.91 |
| GASKET-Spec | 5" DJ Tail | SPECIFY BOWL SIZE | | 1/4" | 5.59 |
| G12091 | 5" Tail, 5-3/8" Bowl | 5.0937 | 5.5937 | 1/4" | 5.59 |
| GASKET-Spec | 6" DJ Tail | SPECIFY BOWL SIZE | | 1/4" | 8.31 |

Special cut tail gaskets available, call for pricing.

ACTION EXPANDERS

Model 920 Expansion Machine - Floor model, 2 HP single or three phase. Hi-Low pump for high speed approach, low speed expand. Quiet operation. Two-way controls (left and right hand) with foot pedal optional. Expansion machine is designed so that the segment holders cannot be expanded when following correct procedures.

| PART # | | |
|------------------|-------------------|---------|
| W/O FOOT PEDAL | VOLTS/PHASE | LIST |
| MODEL 920A-220-S | 220V-Single Phase | 9227.83 |
| MODEL 920A-220-3 | 220V-3 Phase | 9976.22 |
| MODEL 920A-440-3 | 440V-3 Phase | 9976.22 |

| PART # | | |
|------------------|-------------------|----------|
| W/FOOT PEDAL | VOLTS/PHASE | LIST |
| MODEL 920B-220-S | 220V-Single Phase | 9436.57 |
| MODEL 920B-220-3 | 220V-3 Phase | 10184.95 |
| MODEL 920B-440-3 | 440V-3 Phase | 10184.95 |



Expansion unit assemblies not included in price

Freight not included on expansion machines
Detailed information on expansion machines
available upon request

***Cost for our factory representative to train on expansion machine at Action Coupling's location \$400.00 per day.**

Machine Size = 2' wide x 18" dept x 4' tall

ExpHolder - Holder for Expansion Unit Assemblies

Model 930 Expansion Machine - Designed for continuous duty. Same features as Model 920, but with the following upgrades: 3 HP motor, forced air oil cooler and auto fan, three-way controls (left and right hand and foot controls). Cylinder - 5" bore with 25 ton force. Comes with foot pedal.

| PART # | | LIST |
|------------------|---------------------|----------|
| MODEL 930A-220-3 | 220 Volts - 3 Phase | 11048.55 |
| MODEL 930A-440-3 | 440 Volts - 3 Phase | 11048.55 |

Expansion unit assemblies not included in price

Freight not included on expansion machines
Detailed information on expansion machines available upon request

***Cost for our factory representative to train on expansion machine at Action Coupling's location \$400.00 per day.**

EXPANSION UNIT ASSEMBLIES

Complete expansion unit assemblies for attaching 1" - 6" couplings. Action Coupling's Expansion units are sometimes compatible with other manufacturer's expanders.

If ordering for machines other than Action's Green Expansion Machines, you must specify the manufacturer's name, make, and model.

| PART #/SIZE | Description | LIST | |
|---|--|--------|---------------------------|
| 1" Expan | Expansion Unit Assembly-Complete | 404.15 | |
| 1" Expan-Oversized | Expansion Unit Assembly Oversized-Complete | 452.25 | Call for details |
| 1-1/2" Expan | Expansion Unit Assembly-Complete | 346.02 | |
| 1-1/2" RH Expan | Rack Hose Expansion Unit Assembly-Complete | 415.56 | |
| 1-3/4" Expan | Expansion Unit Assembly-Complete | 419.54 | |
| 2" Expan | Expansion Unit Assembly-Complete | 939.88 | |
| *Sizes 2-1/2", 3"X2-1/2", & 3" do not come with an Adjusting Ring - they are furnished with the machine* | | | |
| 2-1/2" Expan | Expansion Unit Assembly-Complete | 460.59 | |
| 3" X 2-1/2" Expan | Expansion Unit Assembly-Complete | 545.73 | |
| 3" Expan | Expansion Unit Assembly W/O Drawbar | 591.86 | Uses 17030-A Drawbar |
| *Sizes 3-1/2" thru 6" do not come with an Adjusting Ring - they must be purchased, our part #17165-A* | | | |
| 3-1/2" Expan | Expansion Unit Assembly W/O Drawbar & Adjusting Ring | 766.29 | Uses 17040-A or B Drawbar |
| 4" Expan | Expansion Unit Assembly W/O Drawbar & Adjusting Ring | 674.03 | Uses 17040-A or B Drawbar |
| 4-1/2" Expan | Expansion Unit Assembly W/O Drawbar & Adjusting Ring | 674.03 | Uses 17040-A or B Drawbar |
| 5" Expan | Expansion Unit Assembly W/O Drawbar & Adjusting Ring | 700.24 | Uses 17040-A or B Drawbar |
| 6" Expan | Expansion Unit Assembly W/O Drawbar & Adjusting Ring | 811.40 | Uses 17040-A or B Drawbar |



Ring Extractor - An indispensable tool for recoupling. Extracts expansion rings from hose bowl. Chrome plated shaft with generous size hand grip. Replacement prongs available (2 ea).

| PART # | LIST | |
|----------------------|--------|----------|
| AREX | 220.66 | |
| PRONGS (Replacement) | 73.75 | (2 EACH) |



EXPANSION UNIT REPLACEMENT PARTS

Expansion units 1" - 3" fits most coupling machines. Specify manufacturer and model of expander.

| SIZE | PART# | Description | LIST | SIZE | PART# | Description | LIST |
|-----------|---------|--------------------|--------|-----------|---------|----------------|--------|
| 1" | 17080-A | Segments Only | 154.57 | 1" | 17045-A | Segment Holder | 129.95 |
| 1" | 17081-A | Segments Oversized | 221.99 | 1-1/2" | 17050-A | Segment Holder | 126.27 |
| 1-1/2" | 17090-A | Segments Only | 129.15 | 1-1/2" RH | 17050-A | Segment Holder | 126.27 |
| 1-1/2" RH | 17085-A | Segments Only | 242.77 | 1-3/4" | 17055-A | Segment Holder | 130.04 |
| 1-3/4" | 17095-A | Segments Only | 216.37 | 2" | 17060-A | Segment Holder | 196.14 |
| 2" | 17100-A | Segments Only | 417.32 | 2-1/2" | 17065-A | Segment Holder | 192.55 |
| 2-1/2" | 17105-A | Segments Only | 245.59 | 3"X2-1/2" | 17070-A | Segment Holder | 141.77 |
| 3"X2-1/2" | 17115-A | Segments Only | 330.35 | 3" | 17065-A | Segment Holder | 192.55 |
| 3" | 17110-A | Segments Only | 646.92 | | | | |

| SIZE | PART# | Description | LIST | SIZE | PART# | Description | LIST |
|-----------|---------|-------------|--------|-----------|---------|----------------|--------|
| 1" | 17010-A | Drawbar | 144.22 | 1" | 17145-A | Adjusting Ring | 111.15 |
| 1-1/2" | 17015-A | Drawbar | 151.25 | 1-1/2" | 17150-A | Adjusting Ring | 58.30 |
| 1-1/2" RH | 17015-A | Drawbar | 151.25 | 1-1/2" RH | 17150-A | Adjusting Ring | 58.30 |
| 1-3/4" | 17020-A | Drawbar | 159.90 | 1-3/4" | 17150-A | Adjusting Ring | 58.30 |
| 2" | 17025-A | Drawbar | 417.50 | 2" | 17155-A | Adjusting Ring | 117.57 |
| 2-1/2" | 17030-A | Drawbar | 222.25 | 2-1/2" | 17160-A | Adjusting Ring | 113.42 |
| 3"X2-1/2" | 17035-A | Drawbar | 314.05 | 3"X2-1/2" | 17160-A | Adjusting Ring | 113.42 |
| 3" | 17030-A | Drawbar | 222.25 | 3" | 17160-A | Adjusting Ring | 113.42 |

| SIZE | PART# | Description | LIST | SIZE | PART# | Description | LIST |
|-----------|---------|-------------------|------|-----------|---------|-----------------|--------|
| 1" | 18000-A | O'Ring | 1.30 | 1" | 17186 | Drawbar Adapter | 68.17 |
| 1" OS | 18005-A | O'Ring (Set of 2) | 2.62 | 1-1/2" | 17185-A | Drawbar Adapter | 68.17 |
| 1-1/2" | 18010-A | Retaining Spring | 3.64 | 1-1/2" RH | 17185-A | Drawbar Adapter | 68.17 |
| 1-1/2" RH | 18010-A | Retaining Spring | 3.64 | 1-3/4" | 17185-A | Drawbar Adapter | 68.17 |
| 1-3/4" | 18010-A | Retaining Spring | 3.64 | 2" | 17190-A | Drawbar Adapter | 192.90 |
| 2" | 18010-A | Retaining Spring | 3.64 | | | | |
| 2-1/2" | 18020-A | Retaining Spring | 5.10 | | | | |
| 3"X2-1/2" | 18020-A | Retaining Spring | 5.10 | | | | |
| 3" | 18020-A | Retaining Spring | 5.10 | | | | |
| 3-1/2" | 18020-A | Retaining Spring | 5.10 | | | | |

*Retaining Springs are included with segments and complete expansion unit assemblies.

EXPANSION UNIT REPLACEMENT PARTS

Expansion units 3-1/2" - 6" varies by segments only. Specify manufacturer and model of expander.

| SIZE | PART# | Description | LIST | PART# | Description | LIST |
|--------|---------|---------------|--------|---------|----------------------|--------|
| 3-1/2" | 17120-A | Segments Only | 490.44 | 2000-01 | 930 Cylinder Adapter | 257.65 |
| 4" | 17125-A | Segments Only | 602.70 | 2000-02 | 920 Cylinder Adapter | 257.65 |
| 4-1/2" | 17130-A | Segments Only | 602.70 | 17170-A | Nose Piece | 288.92 |
| 5" | 17135-A | Segments Only | 753.37 | | 5000 PSI Gauge | 95.15 |
| 6" | 17140-A | Segments Only | 798.57 | | | |

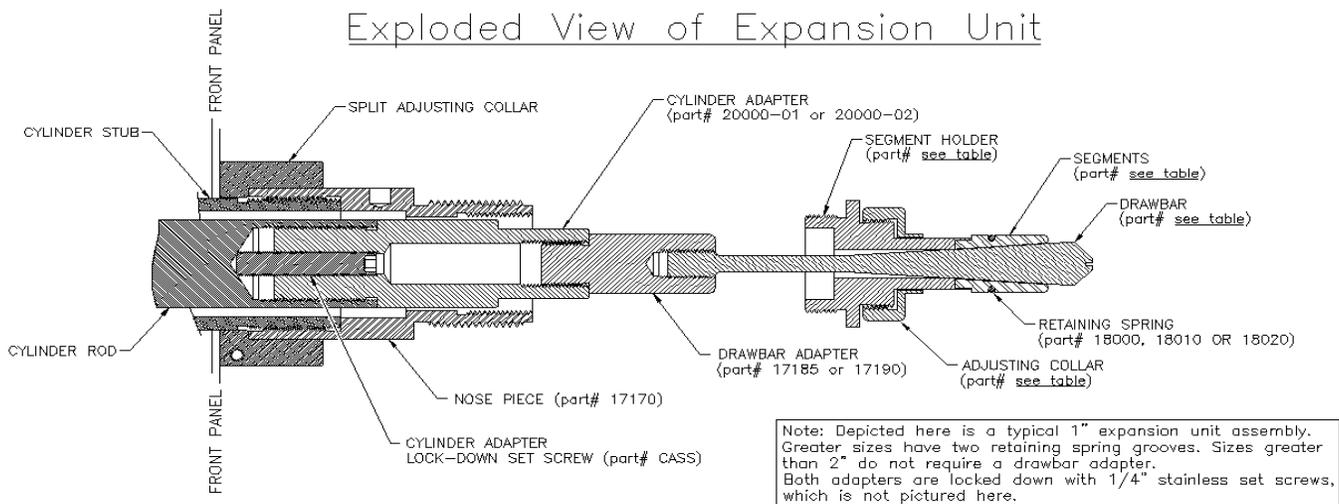
| SIZE | PART# | Description | LIST |
|-----------|---------|----------------|--------|
| 3-1/2"-6" | 17075-A | Segment Holder | 355.59 |

| SIZE | PART# | Description | LIST |
|-----------|---------|-------------|--------|
| 3-1/2"-6" | 17040-A | 930 Drawbar | 508.52 |
| 3-1/2"-6" | 17040-B | 920 Drawbar | 508.52 |

| SIZE | PART# | Description | LIST |
|-----------|---------|----------------|--------|
| 3-1/2"-6" | 17165-A | Adjusting Ring | 277.75 |

| SIZE | PART# | Description | LIST |
|-------|---------|------------------|------|
| 4"-6" | 18030-B | Retaining Spring | 4.10 |

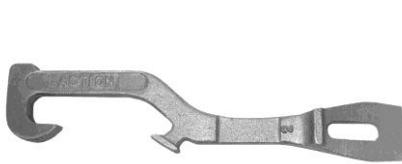
*Retaining Springs are included with segments and complete expansion unit assemblies.



SPANNERS AND WRENCHES

| PART# | LIST | Description |
|-----------|--------|---|
| A-01 | 18.43 | Universal Spanner |
| A-02 | 17.28 | Pocket Folding Spanner Wrench |
| A-07 | 40.33 | Adj. Hydrant Wrench Single Head Spanner |
| A-46 | 51.85 | Double Wrench Holder Only |
| A-48 | 70.28 | Triple Wrench Holder Only |
| A-246-2 | 82.94 | (2) Universal Spanners w/Double Wrench Holder ((2)A-01 + A-46 |
| A-248-3-7 | 149.75 | Triple Wrench Holder, Adj. Hydrant Wrench Single Head Spanner, and (2) Universal Spanners (A-45 + A-07 + (2)A-01) |
| A-ASW | 24.18 | Storz Spanner Wrench (Steel) for 4", 5", & 6" *Newly designed in 2016* These wrenches fit storz head 2"-6" & depress locks on all 4", 5", & 6" Action heads |
| A-ASLW | 39.74 | Storz Spanner Wrench (Steel) for 4" & 5" Locks |
| A-ASLWH | 180.67 | (4) Storz/Universal Spanner (Steel) with Holder |
| A-ASWH | 124.41 | (4) Storz Spanner Wrenches (Steel) with Holder *Newly designed in 2016* These wrenches fit storz head 2"-6" & depress locks on all 4", 5", & 6" Action heads |
| A-AWH | 38.02 | Storz Spanner Wrench Holder Only |

***Acucoat Color Coating:
Add 35% to NET**



A-01



A-02



A-07



A-46



A-48



A-246-2



A-248-3-7



A-ASW



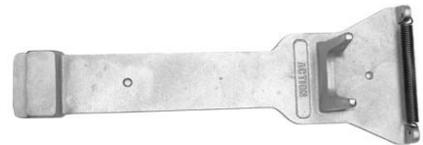
A-ASLW



A-ASLWH



A-ASWH



A-AWH

Manifold



| PART# | LIST |
|--|--------|
| MAN-25-NH.25-NH-34-GHT WITHOUT SUPPORTS | 528.58 |

| PART# | LIST |
|---|--------|
| MAN-S-25-NH.25-NH-34-GHT WITH SUPPORTS | 701.36 |

This manifold utilizes a 2-1/2" trunk with (6) GHT (Garden Hose Thread) valves and is quite useful in a variety of applications. The body is made of 6061-T6 aluminum with standard yellow brass valves and used to configure whatever pattern you need.

Bear Claw

The Bear Claw Manifold has (5) GHT (Garden Hose Thread) valve outlets and is supplied with a 1-1/2" or 2-1/2" inlet. With a maximum operating pressure of 125 PSA. Made of 6061-T6 aluminum and brass valves.

| PART# | LIST |
|---------|--------|
| BC15-NH | 244.16 |
| BC25-NH | 266.40 |



Hose Mender

Action Hose Mender is used for field repair of large diameter soft suction hose. The Mender utilizes a standard collar and shank design for 4" and 5" single jacket or double jacket hose. The collar bolts are 3/8-16 SS cap screws. The shank materials is standard 6061-T6 aluminum. Single jacket design has a silver luster finish on the collar with shot blasted shanks. Double jacket design is hard anodized to Mill-A-8625 Type III, Class 1.

| PART# | LIST |
|--------------|--------|
| MENDER-40 SJ | 140.32 |
| MENDER-40 DJ | 214.43 |
| MENDER-50 SJ | 178.53 |
| MENDER-50 DJ | 268.14 |



SJ Hose Clamp

The single jacket Hose Clamp is easy to operate while wearing gloves. It has an offset handle that enables more control by users. The Hose Clamp is made in the USA and is constructed from high quality cast aluminum and brass. It is built to be used with today's light weight single jacket hoses in 1" and 1-1/2" sizes. When clamped on the hose, a locking device, made of brass, locks the clamp safely in the closed position. The Hose Clamp also has a built in spanner wrench for use on fittings 2-1/2" or smaller.

| PART# | LIST |
|-------|--------|
| HC-SJ | 102.38 |



Gated WYE Valve

Durable, lightweight WYE hose valves are constructed of high-quality aluminum with anodized hose threads built for rugged use. The valve opens and closes with a quarter turn. Polymer ball and seat/seal mechanism with o-rings provide a reliable seal and ease of operation at working pressures of 600 psi. These valves are made in the USA, and meet or exceed GSA requirements for use by the US Forest Service. This includes all raw materials and quality control procedures. Red valves are available in the following sizes:

| PART# | LIST |
|---|--------|
| GWV-E-1F-NPSH.(2) 1M-NPSH 1" SWIVEL FEMALE-NPSH INLET X (2) 1" MALE-NPSH OUTLETS | 365.65 |
| GWV-E-15F-NH.(2) 1M-NPSH 1-1/2" SWIVEL FEMALE-NH INLET X (2) 1" MALE-NPSH OUTLETS | 437.43 |
| GWV-E-15F-NH.(2) 15M-NH 1-1/2" SWIVEL FEMALE-NH INLET X (2) 1-1/2" MALE-NH OUTLETS | 411.11 |
| GWV-E-25F-NH.(2) 15M-NH 2-1/2" SWIVEL FEMALE-NH INLET X (2) 1-1/2" MALE-NH OUTLETS | 442.82 |



Hydrant Gate Valve

Lightweight anodized aluminum wedge seat Hydrant Gate Valve with a brass non-rising stem and crank handle. This high-strength valve is designed to exceed US Forest Service FSS standards. It features a 2.5" NST female inlet and a 2.5" NST male outlet. The Hydrant Gate Valve is designed for either structural or wildland firefighting. Available in red. Made in the USA.

PART#

HGV-R-25-NH.25-NH

2-1/2" SWIVEL FEMALE-NH INLET X 2-1/2" MALE-NH OUTLET

LIST

386.36



Action Booster Hose Cplg

The Action Booster Hose Coupling is available in 6061-T6 aluminum. Hole type with threaded insert into hose waterway. For use on rubber type non-collapsible hose. Available in 1".

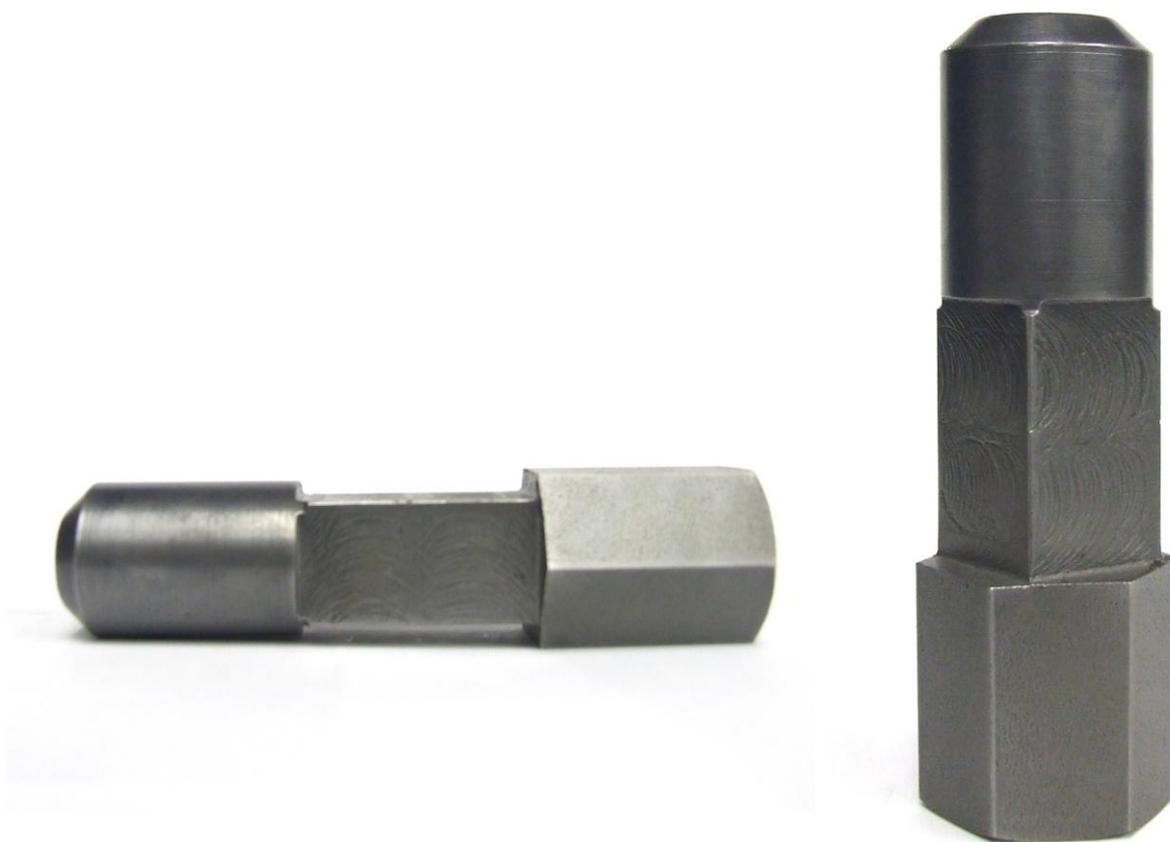
| PART# | LIST |
|--|--------|
| BH10-1-716-NH 1" X 1-7/16" BOOSTER HOSE CPLG-NH | 121.65 |
| BH10-1-12-NH 1" X 1-1/2" BOOSTER HOSE CPLG-NH | 121.65 |
| BH10-1-916-NH 1" X 1-9/16" BOOSTER HOSE CPLG-NH | 121.65 |
| BH10-1-932-NH 1" X 1-9/32" BOOSTER HOSE CPLG-NH | 121.65 |



Action Booster Hose Tool

The Action Booster Hose Coupling Tool is made of steel. Designed for assembling Booster Hose Couplings, utilizing a standard 1" socket and ratchet.

| PART# | LIST |
|-----------|--------|
| BH10-TOOL | 132.60 |



ACTION ARROWS

USE ACTION DIRECTIONAL ARROWS WITH ENGINEER GRADE 6.9 MIL REFLECTIVE VINYL.

New

Action Arrows

Color coded directional indicators



INEXPENSIVE & EASY TO APPLY
AVAILABLE COLORS:

RED, BLACK, YELLOW, PURPLE, GREEN, ORANGE, WHITE & BLUE

Pack of 6 stickers- *Kit applied by Customer

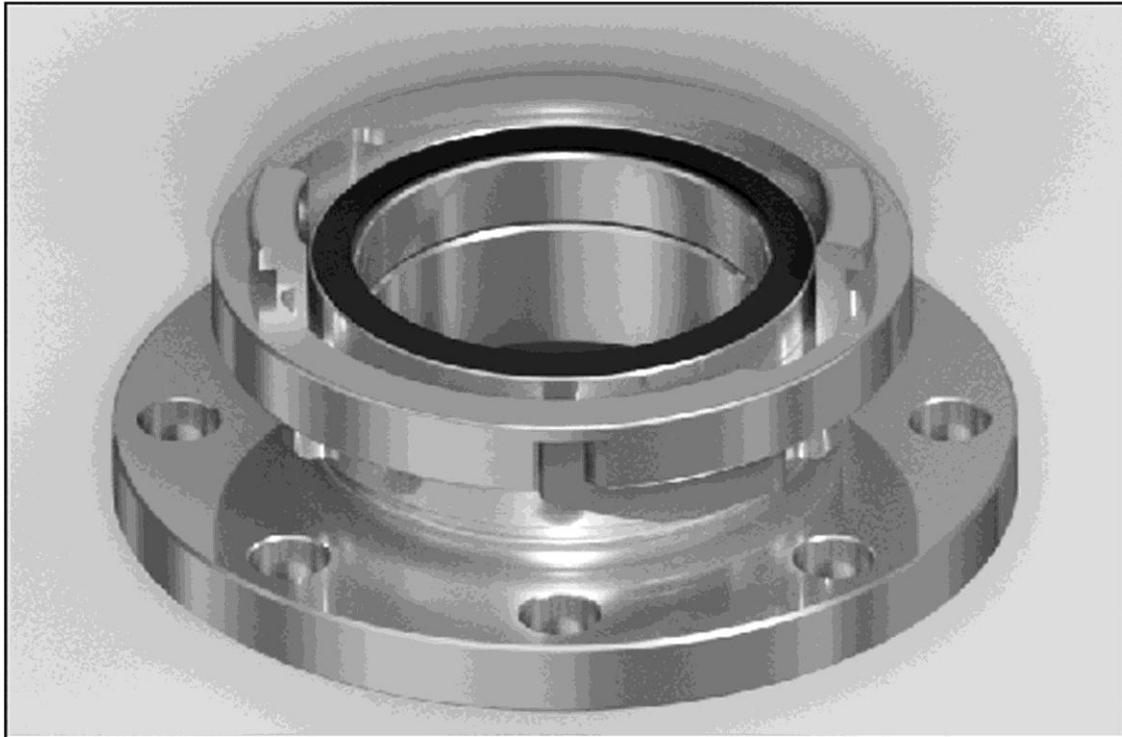
| PART # | Specify COLOR | LIST |
|--------------|---------------|------|
| A-Arrows Kit | | 2.61 |

6 stickers – Applied at Action prior to shipping

| PART # | Specify COLOR | LIST |
|--------------|---------------|------|
| A-Arrows App | | 5.73 |

Storz to Flange Adapter

Action flange adapters are made from 6061-T6 aluminum extrusion and offer a wide variety of options. Flanges are offered in 150lb raised face and flat face. Standard surface finish is offered as hard anodizing per MIL-A-8625 Type III Class 1 or optional ball burnished finish to a mirror like luster, as pictured below. All hardware is 18-8SS, the gasket is Buna-N and the aluminum is seamless. Locks are provided on all sizes shown. Call for more details.



| Hard Coated | (FF) LIST PRICE | (RF) LIST PRICE |
|--|------------------------|------------------------|
| A+S2F40-HC-(add face option prefix), 4" STORZ X 4" 150# FLANGE, ALUMINUM | \$279.58EA | \$284.24EA |
| A+S2F50-HC-(add face option prefix), 5" STORZ X 5" 150# FLANGE, ALUMINUM | \$348.80EA | \$354.20EA |
| A+S2F50-HC-(add face option prefix), 6" STORZ X 6" 150# FLANGE, ALUMINUM | \$468.30EA | \$474.80EA |
| Ball Burnished | (FF) LIST PRICE | (RF) LIST PRICE |
| A+S2F40-BB-(add face option prefix), 4" STORZ X 4" 150# FLANGE, ALUMINUM | \$273.99EA | \$281.40EA |
| A+S2F50-BB-(add face option prefix), 5" STORZ X 5" 150# FLANGE, ALUMINUM | \$345.31EA | \$350.66EA |
| A+S2F50-BB-(add face option prefix), 6" STORZ X 6" 150# FLANGE, ALUMINUM | \$463.62EA | \$470.05EA |

THREAD SPECIFICATION

| SIZE | TPI | MALE MAJOR DIA. | | FEMALE MINOR DIA. | | MALE BLANK | FEMALE BLANK |
|-----------|------|-----------------|-------|-------------------|-------|------------|--------------|
| | | MAX | MIN | MAX | MIN | | |
| GHT | 11.5 | 1.062 | 1.045 | 0.977 | 0.960 | 1.102 | 0.920 |
| 3/4" NH | 8 | 1.375 | 1.353 | 1.247 | 1.224 | 1.410 | 1.180 |
| 1" NH | 8 | 1.375 | 1.353 | 1.247 | 1.224 | 1.410 | 1.180 |
| 1-1/2" NH | 9 | 1.990 | 1.968 | 1.880 | 1.858 | 2.030 | 1.810 |
| 2" NH | 8 | 2.515 | 2.493 | 2.387 | 2.365 | 2.550 | 2.320 |
| 2-1/2" NH | 7.5 | 3.068 | 3.036 | 2.942 | 2.910 | 3.100 | 2.870 |
| 3" NH | 6 | 3.624 | 3.588 | 3.458 | 3.422 | 3.660 | 3.380 |
| 3-1/2" NH | 6 | 4.244 | 4.208 | 4.083 | 4.047 | 4.280 | 4.000 |
| 4" NH | 4 | 5.011 | 4.961 | 4.761 | 4.711 | 5.050 | 4.670 |
| 4-1/2" NH | 4 | 5.761 | 5.711 | 5.511 | 5.461 | 5.800 | 5.420 |
| 5" NH | 4 | 6.260 | 6.210 | 6.010 | 5.960 | 6.300 | 5.920 |
| 6" NH | 4 | 7.025 | 6.975 | 6.775 | 6.725 | 7.060 | 6.680 |
| 8" NH | 4 | 9.025 | 8.975 | 8.775 | 8.725 | 9.060 | 8.680 |

| | | | | | | | |
|-------------|---------|-------|-------|-------|-------|-------|-------|
| 3/4" NPSH | 14 NF | 1.035 | 1.021 | 0.964 | 0.950 | 1.070 | 0.910 |
| 1" NPSH | 11.5 NF | 1.295 | 1.278 | 1.209 | 1.192 | 1.330 | 1.150 |
| 1-1/4" NPSH | 11.5 NF | 1.640 | 1.623 | 1.554 | 1.537 | 1.680 | 1.500 |
| 1-1/2" NPSH | 11.5 NF | 1.879 | 1.862 | 1.793 | 1.776 | 1.910 | 1.730 |
| 2" NPSH | 11.5 NF | 2.353 | 2.336 | 2.267 | 2.250 | 2.390 | 2.210 |
| 2-1/2" NPSH | 8 NF | 2.841 | 2.824 | 2.715 | 2.693 | 2.880 | 2.653 |
| 3" NPSH | 8 V | 3.470 | 3.453 | 3.342 | 3.319 | 3.510 | 3.240 |
| 3-1/2" NPSH | 8 V | 3.970 | 3.953 | 3.842 | 3.820 | 4.010 | 3.740 |
| 4" NPSH | 8 V | 4.470 | 4.453 | 4.340 | 4.318 | 4.510 | 4.240 |
| 4-1/2" NPSH | 8 V | 4.970 | 4.953 | 4.800 | 4.783 | 5.010 | 4.740 |
| 5" NPSH | 8 V | 5.535 | 5.518 | 5.35 | 5.348 | 5.575 | 5.325 |
| 6" NPSH | 8 V | 6.592 | 6.575 | 6.422 | 6.405 | 6.630 | 6.380 |

THREAD LENGTH SPECIFICATIONS

NH AND NPSH THREADS

| SIZE | NH MALE LENGTH | NH FEMALE DEPTH | BODY LENGTH | WALL | GASKET, HOOKOUT & HOOKOUT WIDTH |
|--------|----------------|-----------------|---|---------------------------------------|---|
| GHT | 5/8" (0.625) | 19/32" (0.593) | 27/32" (0.843), OLD 15/16" ^A | 1/4" (0.250), OLD 11/32" ^A | ? |
| 1" | 9/16" (0.563) | 19/32" (0.593) | 27/32" (0.843), OLD 15/16" ^A | 1/4" (0.250), OLD 11/32" ^A | G12005 (1.438 HOOKOUT DIA X 0.187 WIDE) |
| 1-1/2" | 5/8" (0.625) | 19/32" (0.593) | 27/32" (0.843), OLD 15/16" ^A | 1/4" (0.250), OLD 11/32" ^A | G12015 (2.063 HOOKOUT DIA X 0.187 WIDE) |
| 2" | 3/4" (0.750) | 11/16" (0.687) | 15/16" (0.937), OLD 1" ^A | 1/4" (0.250), OLD 5/16" ^A | G12038 (2.625 HOOKOUT DIA X 0.187 WIDE) |
| 2-1/2" | 1" | 15/16" (0.937) | 1-3/16" (1.187) | 1/4" (0.250) | G12041 (3.219 HOOKOUT DIA X 0.250 WIDE) |
| 3" | 1-1/8" (1.125) | 1-1/16" (1.062) | 1-3/8" (1.375) | 5/16" (0.313) | G12060 (3.781 HOOKOUT DIA X 0.312 WIDE) |
| 3-1/2" | 1-1/8" (1.125) | 1-1/16" (1.062) | 1-3/8" (1.375) | 5/16" (0.313) | G12070 (4.406 HOOKOUT DIA X 0.312 WIDE) |
| 4" | 1-1/4" (1.250) | 1-3/16" (1.187) | 1-1/2" (1.500) | 5/16" (0.313) | G12080 (5.156 HOOKOUT DIA X 0.312 WIDE) |
| 4-1/2" | 1-1/4" (1.250) | 1-3/16" (1.187) | 1-1/2" (1.500) | 5/16" (0.313) | G12086 (5.906 HOOKOUT DIA X 0.312 WIDE) |
| 5" | 1-3/8" (1.375) | 1-5/16" (1.312) | 1-5/8" (1.625) | 5/16" (0.313) | G12090 (6.406 HOOKOUT DIA X 0.312 WIDE) |
| 6" | 1-3/8" (1.375) | 1-5/16" (1.312) | 1-5/8" (1.625) | 5/16" (0.313) | G12100 (7.156 HOOKOUT DIA X 0.312 WIDE) |
| 8" | 1-1/2" (1.500) | 1-7/16" (1.438) | 1-3/4" (1.750) | 5/16" (0.313) | ????? (9.125 HOOKOUT DIA X 0.312 WIDE) |

NPT THREADS

| | | | | |
|--------|-----------------------------|-----------------------------|------------------|---------------|
| 3/4" | 7/8" (0.875) | 7/8" (0.875) | 1/8" (1.125) | 1/4" (0.250) |
| 1" | 1" | 1" | 1-1/4" (1.250) | 1/4" (0.250) |
| 1-1/4" | 1" | 1" | 1-1/4" (1.250) | 1/4" (0.250) |
| 1-1/2" | 1" | 1" | 1-1/4" (1.250) | 1/4" (0.250) |
| 2" | 1" | 1" | 1-1/4" (1.250) | 1/4" (0.250) |
| 2-1/2" | 1-1/4" (1.250) ^A | 1-1/4" (1.250) ^A | 1-1/2" (1.500) | 1/4" (0.250) |
| 3" | 1-1/2" (1.500) | 1-1/2" (1.500) | 1-13/16" (1.812) | 5/16" (0.313) |
| 3-1/2" | 1-1/2" (1.500) | 1-1/2" (1.500) | 1-13/16" (1.812) | 5/16" (0.313) |
| 4" | 1-1/2" (1.500) | 1-1/2" (1.500) | 1-13/16" (1.812) | 5/16" (0.313) |
| 5" | 1-1/2" (1.500) | 1-1/2" (1.500) | 1-13/16" (1.812) | 5/16" (0.313) |
| 6" | 1-1/2" (1.500) | 1-1/2" (1.500) | 1-13/16" (1.812) | 5/16" (0.313) |
| 8" | 1-1/2" (1.500) | 1-1/2" (1.500) | 1-13/16" (1.812) | 5/16" (0.313) |

A = REVISED TO SHOW OLD INFORMATION

ACTION COUPLING & EQUIPMENT

| Fraction | Decimal |
|----------|---------|
| 1/64 | .0156 |
| 1/32 | .0312 |
| 3/64 | .0468 |
| 1/16 | .0625 |
| 5/64 | .0781 |
| 3/32 | .0937 |
| 7/64 | .1093 |
| 1/8 | .125 |
| 9/64 | .1406 |
| 5/32 | .1562 |
| 11/64 | .1718 |
| 3/16 | .1875 |
| 13/64 | .2031 |
| 7/32 | .2187 |
| 15/64 | .2343 |
| 1/4 | .250 |
| 17/64 | .2656 |
| 9/32 | .2812 |
| 19/64 | .2968 |
| 5/16 | .3125 |
| 21/64 | .3281 |
| 11/32 | .3437 |
| 23/64 | .3593 |
| 3/8 | .375 |
| 25/64 | .3906 |
| 13/32 | .4062 |
| 27/64 | .4218 |
| 7/16 | .4375 |
| 29/64 | .4531 |
| 15/32 | .4687 |
| 31/64 | .4843 |
| 1/2 | .500 |

| Fraction | Decimal |
|----------|---------|
| 33/64 | .5156 |
| 17/32 | .5312 |
| 35/64 | .5468 |
| 9/16 | .5625 |
| 37/64 | .5781 |
| 19/32 | .5937 |
| 39/64 | .6093 |
| 5/8 | .625 |
| 41/64 | .6406 |
| 21/32 | .6562 |
| 43/64 | .6718 |
| 11/16 | .6875 |
| 45/64 | .7031 |
| 23/32 | .7187 |
| 47/64 | .7343 |
| 3/4 | .750 |
| 49/64 | .7656 |
| 25/32 | .7812 |
| 51/64 | .7968 |
| 13/16 | .8125 |
| 53/64 | .8281 |
| 27/32 | .8437 |
| 55/64 | .8593 |
| 7/8 | .875 |
| 57/64 | .8906 |
| 29/32 | .9062 |
| 59/64 | .9218 |
| 15/16 | .9375 |
| 61/64 | .9531 |
| 31/32 | .9687 |
| 63/64 | .9843 |
| 1 | 1.000 |