



PRODUCT CATALOG

LEAD-FREE SERVICE BRASS

LEAD-FREE METER BRASS

MACHINE SHOP SERVICES

SPACE SAVER FLANGES

PIPE SUPPORTS

CUSTOM PARTS

History

The history of Red Hed goes back to 1921 with its beginning in South Boston, Massachusetts.

From manufacture of the very first valve, through 1970 when the company was first sold, each valve was hand wrapped in brown mill paper and boxed in wood packing boxes for shipment. Each handmade valve was assembled and tested before ever leaving the production floor. To distinguish itself from its competitors' the head of each valve was painted red, thus the name Red Hed Manufacturing. To this day Red Hed continues the tradition started in 1921 of manufacturing the finest brass waterworks valves and components in our industry.

Henry Lawton (owner of Lawton Manufacturing) purchased Red Hed in 1970 and it was merged with his company. He moved Red Hed from Boston to its current location in Rhode Island where the company continued to fabricate Red Hed brass waterworks valves in the same manner as its predecessors. Henry focused his efforts on the Red Hed product line and over the next few decades the company became known for its innovative designs and quality craftsmanship.

Having a reputation as a leader in adaptation, downsizing and producing valves that just did not fail in the field allowed Red Hed to grow and prosper. The invention and patenting of the Space Saver flange opened new markets for Red Hed. The firm continued to grow, selling Red Hed product lines throughout the United States and Canada. In 2006, Red Hed demonstrated that its creativity continues by introducing the first line of true Lead-Free brass products. The small shop has grown and now enjoys the reputation for fast turn-around and the same great quality.

Red Hed's reputation for the best brass valve in the industry remains intact. The spirit of past owners, engineers and machinists who took great pride in their work, is proudly continued by our strong work ethic and integrity: "It doesn't leave the plant until it is 100%." Red Hed has adapted, evolved and met the challenges of the various generations. We look forward to the next 90 years being just as challenging and rewarding as the first 90 years.

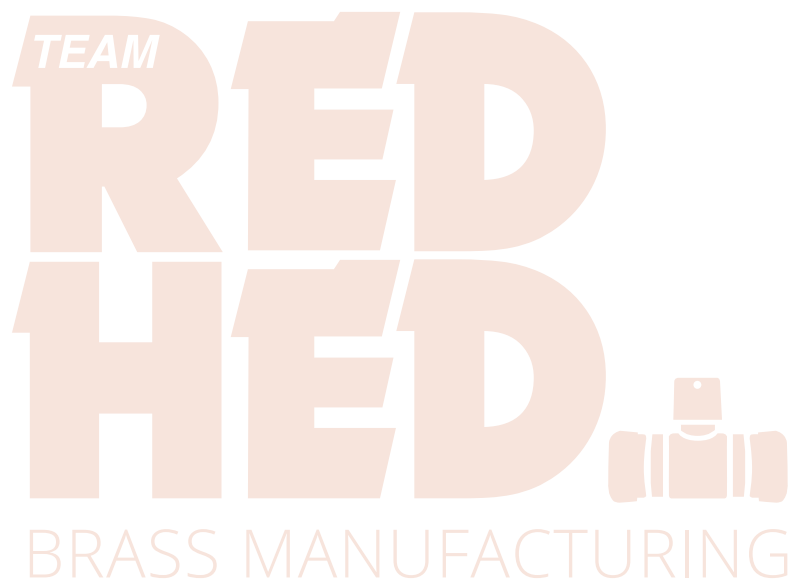


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Terms & Conditions

Prices: All Prices are subject to change without notice, except where firm quotations have been provided in writing by authorized management personnel of RED HED.

Taxes: Prices do not include any present or future federal, state, or local taxes (including, without limitation, sales tax, use tax, excise tax, or otherwise) unless specifically stated. It is the responsibility of the Buyer to pay all such taxes. Taxes where applicable may be added to the price of the products and shall be paid by the Buyer, unless the Buyer furnishes to RED HED a tax exemption certificate in a form agreeable to the applicable taxing authorities. If RED HED is required to prepay and such tax, Buyer will reimburse RED HED in full upon demand.

Payment Terms: RED HED Open Credit accounts are established for commercial, non-consumer use only. Unless an approved commercial Open Credit account is established, payment in good funds or approved check must be made before or at time of delivery. Commercial Credit terms are Net 30 days, no cash discounts allowed. Service Charges commence after 30 days and are calculated on the last day of the month in which the 30th day falls. SERVICE CHARGE IS 1½% PER MONTH (18% A.P.R.) ON THE BALANCE OVER 30 DAYS OF AGE. THE BUYER AGREES TO PAY ALL COSTS AND EXPENSES OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES, and RED HED claims a mechanic's lien under applicable state law.

Acceptance by RED HED: All orders from the Buyer are subject to acceptance by authorized personnel of RED HED, and, in the case of Open Account Sales, approval of the RED HED Credit Department.

Cancellations: SPECIAL OR NON-STOCK ITEMS MAY NOT BE CANCELLED OR RETURNED AFTER THE PRODUCT(S) IS PLACED INTO PRODUCTION. All charges and cost incurred by RED HED as a result of cancellations or order changes will be billed to the Buyer.

Delivery: RED HED will make a good faith effort to complete delivery of the products, provided, however, that RED HED assumes no responsibility or liability for loss or damage due to delay or inability to deliver, if such non-performance was the result of any events or circumstances beyond the control of RED HED, including, but not limited to, acts of God, war, labor difficulties, fire, accidents, inability to obtain materials, and delays of carriers, contractors, suppliers, or manufacturers. Under no circumstances shall RED HED be liable for any special, consequential, incidental, indirect, or liquidated damages, losses, or expense (whether or not based on negligence) arising directly or indirectly from delays or failure to give notice of delay.

Shipment: Shipment of all products is to one given destination for all items including pipe, unless otherwise indicated in writing. Risk of loss shall transfer to the Buyer upon tender of goods to Buyer, Buyer's representative, or common carrier. The cost of any special packing or special handling caused by Buyer's requirements or requests shall be added to the amount of the order. If Buyer causes or requests a shipment delay, or if RED HED ships or delivers the products erroneously as a result of inaccurate, incomplete or misleading information supplied by Buyer or its agents or employees, storage and all other additional costs and risks shall be borne solely by Buyer. Claims for products damaged or lost in transit should be made by Buyer to the carrier, as RED HED's responsibility ceases upon tender of goods to Buyer, Buyer's representative or common carrier. Delivery will be made on hard surfaces only. Any damage or towing charges resulting from "non-hard surface deliveries" shall be the responsibility of the buyer.

Inspection and Acceptance: Claims for damage, shortage or errors in shipping must be reported within 10 days following delivery to Buyer. Buyer shall have 10 days from the date Buyer receives any products to inspect such products and services for defects and nonconformance and

notify RED HED, in writing, of any defects, nonconformance or rejection of such products. After such 10 day period, Buyer shall be deemed to have irrevocably accepted the products, if not previously accepted. After such acceptance, Buyer shall have no right to reject the products for any reason or to revoke acceptance. Buyer hereby agrees that such 10 day period is a reasonable amount of time for such inspection and revocation.

Returns: Materials cannot be returned without RED HED's written consent. NO RETURNS ARE ALLOWED AND NO REFUNDS WILL BE MADE ON (i) PIPE OR (ii) SPECIALLY FABRICATED OR ORDERED ITEMS. THE SOLE AND EXCLUSIVE REMEDY FOR SUCH ITEMS ALLEGED TO BE DEFECTIVE IN WORKMANSHIP OR MATERIAL WILL BE THE REPLACEMENT OF THE ITEMS SUBJECT TO THE MANUFACTURER'S INSPECTION AND WARRANTY. All other returned material is subject to a MINIMUM 25% RE-HANDLING CHARGE, plus transportation charges. Unless otherwise agreed by the Buyer and RED HED, all credit for returned material will be applied to future orders, subject to approval by the RED HED Credit Department.

Warranty: THE BUYER'S SOLE AND EXCLUSIVE WARRANTY, IF ANY, IS THAT PROVIDED BY THE PRODUCT'S MANUFACTURER. RED HED MAKES NO EXPRESS OR IMPLIED WARRANTIES. RED HED HEREBY DISCLAIMS ALL EXPRESS OR IMPLIED WARRANTIES, WHETHER IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES, AND IN NO EVENT, WILL RED HED BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE OR ANY OTHER LOSS, DAMAGE, COST OR REPAIRS OR INCIDENTAL, PUNITIVE, SPECIAL, CONSEQUENTIAL, OR LIQUIDATED DAMAGES OF ANY KIND, WHETHER BASED UPON WARRANTY, CONTRACT, STRICT LIABILITY, NEGLIGENCE OR ANY OTHER CAUSE OF ACTION ARISING IN CONNECTION WITH THE DESIGN, MANUFACTURE, SALE, TRANSPORTATION, INSTALLATION, OR REPAIR OF THE PRODUCTS SOLD BY RED HED. BUYER ACKNOWLEDGES AND AGREES THAT UNDER NO CIRCUMSTANCES, AND IN NO EVENT, SHALL RED HED'S LIABILITY, IF ANY, EXCEED THE NET SALES PRICE OF THE DEFECTIVE PRODUCT(S).

Entire Agreement: This document constitutes the entire, complete, and exclusive agreement between the parties with respect to the subject matter hereof and contains all the agreements and conditions of sale; no course of dealing or usage of the trade shall be applicable unless expressly incorporated herein. The terms and conditions contained herein may not be added to, modified, superseded or otherwise altered except by a written modification signed by authorized management personnel of RED HED. All transactions shall be governed solely by the terms and conditions contained herein. All purchase orders issued pursuant to a RED HED quotation shall be deemed issued subject to all RED HED terms and conditions herein contained. These terms and conditions shall supersede those of the Buyer.

Governing Law: This transaction shall be governed in all respects by the laws of the State of Maine (excluding choice of law provisions). All actions, regardless of form, arising out of or in connection with this transaction, the products sold by RED HED, or the relationship between the Buyer and RED HED shall be brought in the courts of the State of Maine within the applicable statutory period.

Communications: Payments only should be directed to: RED HED MANUFACTURING, P.O. Box 350002, Boston, MA 02241-0502. All other correspondence and inquiries should be directed to your local RED HED Division. The Home Office address is 32 Prescott Street, P.O. Box 600, Gardiner, ME 04345. Telephone (207) 582-1851. Fax (207) 582-5637. E-mail ejp@ejprescott.com.

EJP T&C Revision Date 4/09

Specifications

AWWA Specification

Red Hed waterworks brass products are designed and manufactured in accordance with AWWA Standard C800 (the latest revision). This specification includes thread dimensions and the metal alloy (85-5-5-5 bronze) per ASTM B62.

Plug Valve Corporation Stops

All Red Hed tapered plug valve corporation stops are precision machined to insure a perfect fit between the plug and the body. Threads are meticulously refined to uncompromising specifications in order to guarantee smooth installation and a tight connection.

Ball Valve Corporation Stops

Designed for high-pressure service (up to 300 psi), Red Hed ball valve corporation stops can be used with literally every known tapping machine. Our corporation stops are easy-turning, non-binding and feature full-open waterways. They function trouble-free because of our commitment to precise engineering design and accurate manufacturing processes, and the use of high quality materials.

Tee Head Curb Stops

Red Hed tee head curb stops (which include stop and drain) are available in a variety of styles that are extremely durable and capable of withstanding the rigors of installation. The plug is solid except for the full-open waterway.

Ball Valve Curb Stops

Having performed flawlessly over decades of strenuous use, Red Hed ball valves are ideal for installation in water service lines. They function smoothly because our manufacturing process ensures the highest level of product dependability. Engineered with precision, Red Hed ball valves can be manufactured to open left or right.

Red Hed Gripp™ Seal

The Red Hed Gripp™ Seal, designed especially for plastic and copper tubing, is a remarkable compression joint that is manufactured from 80 durometer Neoprene rubber and 301 stainless steel. Our stainless steel ring is tough, resilient, and proven under pressure. In fact, a random testing program verified that samples have tested to the burst pressure of the polyethylene tubing (1000 psi).

Red Hed Gripp™ Seal - How It Works

The Gripp™ Seal compression style is a one-step compression joint with proven reliability. It is quick and easy to install. Just stab the copper or plastic tubing into the fitting or valve and tighten down the compression nut. Its exclusive design won't over compress the gasket or cut the tubing.

Our Guarantee

To ensure that our customers will be pleased with every Red Hed stop, we guarantee each item is inspected repeatedly and hydrostatically pressure tested.

Types of Plastic Pipe and Tubing

PE Pipe

Polyethylene flexible water service pipe, commonly referred to as IPS (iron pipe size) polyethylene, has an outside diameter the same as the corresponding size of standard iron pipe.

Plastic Tubing

Flexible water service tubing, commonly referred to as CTS (copper tubing size), has an outside diameter the same as the corresponding size of copper tubing.

PVC Pipe

Polyvinyl chloride is a rigid plastic pipe. Outside diameters are the same as the corresponding sizes of standard iron pipe (IPS). Pack Joints for PVC pipe are only recommended for Schedule 40 and Schedule 80 pipe.

Abbreviations Common to Service Brass Fittings

CC	Corporation-Inlet has AWWA Taper Thread
CP	Copper Pipe
CPFT	Copper Flared Joint (Fine Thread)
CPPJ	Copper Pipe Pack Joint (Compression)
CTS	Copper Tubing Size
FT	Fine Thread
FEIP	Female Iron Pipe Thread
FIP	Female Iron Pipe
GJ	Gripp Joint (Compression Joint for Copper or CTS Tubing)
IP	Iron Pipe Size
JT	Joint
MIP	Male Iron Pipe Thread
NC	National Coarse
PBP	Polybutylene Pipe
PBT	Polybutylene Tubing
PE	Polyethylene
PEP	Polyethylene Pipe
PET	Polyethylene Tubing
PVC	Polyvinyl Chloride Pipe

TYPE OF PIPE OR TUBING		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
PE or PB Pipe (160 PSI)	I.D.	—	.824	1.049	1.380	1.610	2.067
	O.D.	—	1.068	1.359	1.786	2.090	2.675
CTS Plastic or Copper Tubing	O.D.	.625	.875	1.125	1.375	1.625	2.125
Rigid PVC or Iron Pipe	O.D.	.840	1.050	1.315	1.660	1.900	2.375

Brass Waterworks Products

The Flagship of Red Hed Manufacturing continues to be our Brass Product line! With a variety of Corporations, Curb Stops, Meter Flanges and Adapters, we offer both diverse and practical components that are fabricated on location. Meeting the size demands in both standard and non-standard specifications, Red Hed lead-free brass allows you to install, adapt and be creative for your customer in nearly every application. Meter adaptors, couplings, compression fittings, step-up and step-down connectors for use in meter downsizing or straight installation; Red Hed has what's right for you!

Corporation Stops

Offering a selection of corporation stops unmatched in the industry, Red Hed manufactures the right brass product for the industry's range of specifications and requirements.

Brass Fittings

Red Hed fittings for copper service tube and polyethylene tubing are carefully designed, manufactured and tested for long, dependable service.

Curb Stops

Available in any end configuration, top quality Red Hed curb stops are available with ball design, sizes 3/4" to 2". Curb Stops are manufactured to open left (counter clockwise) or right (clockwise).

Lead Flange Adaptors

Red Hed Lead Flange Adaptors are the professional's choice. Custom made adaptors permit use of existing corporations and eliminate retapping or line shutdowns. They're available from 5/8" to 2" lead service. Your assurance of continuous quality performance, all Red Hed products are inspected repeatedly during manufacturing, then hydrostatically pressure tested.

MAXIMUM DRILL SIZE USED WITH BALL CORPORATIONS

Corporation Stop Size	3/4"	1"	1-1/4"	1-1/2"	2"
Maximum Drill Size	11/16"	7/8"	1-3/16"	1-7/16"	7/8"

Corporation Stops

Red Hed Gripp™ Ball Corporations

Offering a selection of corporation stops unmatched in the industry, Red Hed manufactures the right brass product for the industry's range of specifications and requirements.



Features:

- 80 durometer Neoprene rubber seats that seal in both directions
- Double "O" ring stem seals
- Coated ball for easy turning

Red Hed Gripp™ AWWA or IP

PRODUCT NUMBER	SIZE	TYPE OF PIPE	INLET	OUTLET
SB43821	¾"	Copper Service Tubing or Polyethylene Tubing	¾" AWWA Tapered	¾" Compression
SB43822	1"	Copper Service Tubing or Polyethylene Tubing	1" AWWA Tapered	1" Compression
SB43823	1¼"	Copper Service Tubing or Polyethylene Tubing	1¼" AWWA Tapered	1¼" Compression
SB43824	1½"	Copper Service Tubing or Polyethylene Tubing	1½" AWWA Tapered	1½" Compression
SB43825	2"	Copper Service Tubing or Polyethylene Tubing	2" AWWA Tapered	2" Compression
SB43831	¾"	Copper Service Tubing or Polyethylene Tubing	¾" Iron Pipe	¾" Compression
SB43832	1"	Copper Service Tubing or Polyethylene Tubing	1" Iron Pipe	1" Compression
SB43833	1¼"	Copper Service Tubing or Polyethylene Tubing	1¼" Iron Pipe	1¼" Compression
SB43834	1½"	Copper Service Tubing or Polyethylene Tubing	1½" Iron Pipe	1½" Compression
SB43835	2"	Copper Service Tubing or Polyethylene Tubing	2" Iron Pipe	2" Compression

NOTE: Stainless steel insert stiffeners are recommended for use with plastic tubing (CTS).

Curb Stops

Red Hed Ball Curb Stops

Red Hed Ball Curb Stops are precision machined to ensure watertight integrity. They have full-size waterways and have heavy castings. They are made of 85-5-5 bronze in accordance with the requirements of ASTM B62 as specified in AWWA C800 (latest revision). During the manufacturing process, the valves are repeatedly inspected and hydrostatically tested to 300 psi.

Features:

- 80 durometer Neoprene rubber seats that seal in both directions
- Double “O” ring stem seals
- Coated ball for easy turning
- Open left or right



Red Hed Gripp™ x Red Hed Gripp™

PRODUCT NUMBER	SIZE	DIRECTION TO OPEN	INLET	OUTLET
SB41511	¾"	LEFT	¾" Compression	¾" Compression
SB41512	1"	LEFT	1" Compression	1" Compression
B41513	1¼"	LEFT	1¼" Compression	1¼" Compression
B41514	1½"	LEFT	1½" Compression	1½" Compression
B41515	2"	LEFT	2" Compression	2" Compression
SB41611	¾"	RIGHT	¾" Compression	¾" Compression
SB41612	1"	RIGHT	1" Compression	1" Compression
B41613	1¼"	RIGHT	1¼" Compression	1¼" Compression
B41614	1½"	RIGHT	1½" Compression	1½" Compression
B41615	2"	RIGHT	2" Compression	2" Compression

NOTE: Stainless steel insert stiffeners are recommended for use with plastic tubing (CTS).

Curb Stops

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Red Hed Ball Curb Stops are precision machined to ensure watertight integrity. They have full-size waterways and have heavy castings. They are made of 85-5-5 bronze in accordance with the requirements of ASTM B62 as specified in AWWA C800 (latest revision). During the manufacturing process, the valves are repeatedly inspected and hydrostatically tested to 300 psi.

Features:

- 80 durometer Neoprene rubber seats that seal in both directions
- Double “O” ring stem seals
- Coated ball for easy turning
- Open left or right



Red Hed Gripp™ x Female Iron Pipe

PRODUCT NUMBER	SIZE	DIRECTION TO OPEN	INLET	OUTLET
B40811	¾"	LEFT	¾" Compression	¾" Female Iron Pipe
B40812	1"	LEFT	1" Compression	1" Female Iron Pipe
B41513	1¼"	LEFT	1¼" Compression	1¼" Female Iron Pipe
B40814	1½"	LEFT	1½" Compression	1½" Female Iron Pipe
B40815	2"	LEFT	2" Compression	2" Female Iron Pipe
B40911	¾"	RIGHT	¾" Compression	¾" Female Iron Pipe
B40912	1"	RIGHT	1" Compression	1" Female Iron Pipe
B40913	1¼"	RIGHT	1¼" Compression	1¼" Female Iron Pipe
B40914	1½"	RIGHT	1½" Compression	1½" Female Iron Pipe
B40915	2"	RIGHT	2" Compression	2" Female Iron Pipe

NOTE: Stainless steel insert stiffeners are recommended for use with plastic tubing (CTS).

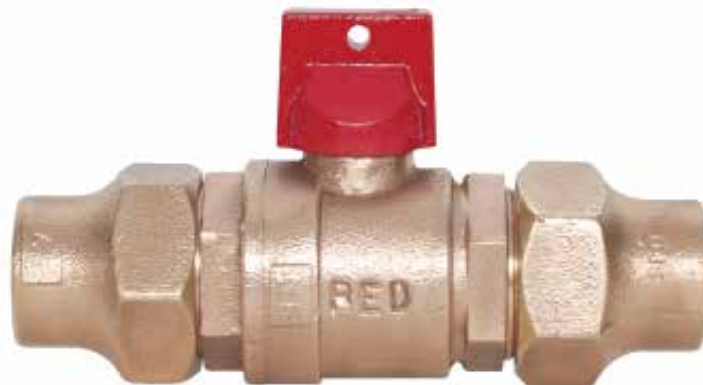
Curb Stops

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Features:

- 80 durometer Neoprene rubber seats that seal in both directions
- Double "O" ring stem seals
- Coated ball for easy turning
- Open left or right



Flare x Flare

PRODUCT NUMBER	SIZE	DIRECTION TO OPEN	INLET	OUTLET
B41501	¾"	LEFT	¾" Flare	¾" Flare
B41502	1"	LEFT	1" Flare	1" Flare
B41503	1¼"	LEFT	1¼" Flare	1¼" Flare
B41504	1½"	LEFT	1½" Flare	1½" Flare
B41505	2"	LEFT	2" Flare	2" Flare
B41601	¾"	RIGHT	¾" Flare	¾" Flare
B41602	1"	RIGHT	1" Flare	1" Flare
B41603	1¼"	RIGHT	1¼" Flare	1¼" Flare
B41604	1½"	RIGHT	1½" Flare	1½" Flare
B41605	2"	RIGHT	2" Flare	2" Flare

NOTE: Stainless steel insert stiffeners are recommended for use with plastic tubing (CTS).

Brass Fittings

Red Hed Two-Piece Male Adaptors



Red Hed Gripp™ or Flare x Male Iron Pipe (MIP)

PRODUCT NUMBER	SIZE	TYPE OF PIPE	INLET	OUTLET
40201	¾"	Copper Service Tubing	¾" Flare	¾" Male Iron Pipe
402012	¾ x 1"	Copper Service Tubing	¾" Flare	1" Male Iron Pipe
402021	1 x 1¼"	Copper Service Tubing	1" Flare	1¼" Male Iron Pipe
40202	1"	Copper Service Tubing	1" Flare	1" Male Iron Pipe
40203	1¼"	Copper Service Tubing	1¼" Flare	1¼" Male Iron Pipe
40204	1½"	Copper Service Tubing	1½" Flare	1½" Male Iron Pipe
40205	2"	Copper Service Tubing	2" Flare	2" Male Iron Pipe
40211	¾"	Copper Service Tubing	¾" Compression	¾" Male Iron Pipe
402112	¾ x 1"	Copper Service Tubing	1½" Compression	1" Male Iron Pipe
402121	1 x ¾"	Copper Service Tubing	1" Compression	¾" Male Iron Pipe
40212	1"	Copper Service Tubing	1" Compression	1" Male Iron Pipe
40213	1¼"	Copper Service Tubing	1¼" Compression	1¼" Male Iron Pipe
40214	1½"	Copper Service Tubing	1½" Compression	1½" Male Iron Pipe
40215	2"	Copper Service Tubing	2" Compression	2" Male Iron Pipe

Brass Fittings

Red Hed Two-Piece Female Adaptors



Red Hed Gripp™ or Flare x Female Iron Pipe (FIP)

PRODUCT NUMBER	SIZE	TYPE OF PIPE	INLET	OUTLET
41301	¾"	Copper Service Tubing	¾" Flare	¾" Female Iron Pipe
413012	¾ x 1"	Copper Service Tubing	¾" Flare	1" Female Iron Pipe
413021	1"	Copper Service Tubing	1" Flare	1" Female Iron Pipe
41302	1 x 1¼"	Copper Service Tubing	1" Flare	1¼" Female Iron Pipe
41303	1¼"	Copper Service Tubing	1¼" Flare	1¼" Female Iron Pipe
41304	1½"	Copper Service Tubing	1½" Flare	1½" Female Iron Pipe
41305	2"	Copper Service Tubing	2" Flare	2" Female Iron Pipe
41311	¾"	Copper Service Tubing	¾" Compression	¾" Female Iron Pipe
413112	¾ x 1"	Copper Service Tubing	¾" Compression	1" Female Iron Pipe
41312	1"	Copper Service Tubing	1" Compression	1" Female Iron Pipe
413123	1 x 1¼"	Copper Service Tubing	1" Compression	1¼" Female Iron Pipe
41313	1¼"	Copper Service Tubing	1¼" Compression	1¼" Female Iron Pipe
41314	1½"	Copper Service Tubing	1½" Compression	1½" Female Iron Pipe
41315	2"	Copper Service Tubing	2" Compression	2" Female Iron Pipe

Brass Fittings

Red Hed Three-Piece Couplings



Red Hed Gripp™ or Flare x Red Hed Gripp™ or Flare

PRODUCT NUMBER	SIZE	TYPE OF PIPE	INLET	OUTLET
41201	¾"	Copper Service Tubing	¾" Flare	¾" Flare
412012	¾ x 1"	Copper Service Tubing	¾" Flare	1" Flare
41202	1"	Copper Service Tubing	1" Flare	1" Flare
41203	1¼"	Copper Service Tubing	1¼" Flare	1¼" Flare
41204	1½"	Copper Service Tubing	1½" Flare	1½" Flare
41205	2"	Copper Service Tubing	2" Flare	2" Flare
41211	¾"	Copper Service Tubing	¾" Compression	¾" Compression
412112	¾ x 1"	Copper Service Tubing	¾" Compression	1" Compression
41212	1"	Copper Service Tubing	1¼" Compression	1" Compression
41213	1¼"	Copper Service Tubing	1¼" Compression	1¼" Compression
41214	1½"	Copper Service Tubing	1½" Compression	1½" Compression
41215	2"	Copper Service Tubing	2" Compression	2" Compression

Lead Flange Adaptors

Red Hed takes the hassle out of lead service replacement. Custom made lead flange adaptors let you use existing corporations and eliminate the need for retapping or line shutdown.

Red Hed lead flange adaptors are manufactured from AWWA approved 85-5-5-5 bronze and are factory tested for stress and pressure under strict quality control.

Features:

- Use existing corporation stops
- Adapts to copper or plastic
- Custom made for your needs, including copper service threads or Red Hed Gripp™ connection
- Over 200 variations available
- Adapts from ½" to 2" lead service



Lead Flange Adaptors

PRODUCT NUMBER	SIZE	OUTLET	THREAD
45001	5/8" = 11 1/16"	3/4" Flare	12
45002	5/8" = 11 1/16"	1" Flare	12
45021	MS = 1 27/32"	3/4" Flare	12
45022	MS = 1 27/32"	1" Flare	12
45041	RH = 2 1/8"	3/4" Flare	12
45042	RH = 2 1/8"	1" Flare	12
45061	RHO = 2 5/32"	3/4" Flare	12
45062	RHO = 2 5/32"	1" Flare	12
45011	5/8" = 11 1/16"	3/4" Compression	12
45012	5/8" = 11 1/16"	1" Compression	12
45031	MS = 1 27/32"	3/4" Compression	12
45032	MS = 1 27/32"	1" Compression	12
45051	RH = 2 1/8"	3/4" Compression	12
45052	RH = 2 1/8"	1" Compression	12
45071	RHO = 2 5/32"	3/4" Compression	12
45072	RHO = 2 5/32"	1" Compression	12

Bronze Meter Hardware

Bronze Meter Flanges & Downsizing Hardware

Red Hed offers high-quality hardware for both straight connecting and downsize connecting of piping and meters. Any of your meter-connecting requirements can be met using our Lead-Free Downsizing Adaptors.



PRODUCT NUMBER	OLD METER SIZE	NEW METER SIZE	CONNECTION TYPE	QUANTITY TO USE
130402P	1½"	1"	Screw End Standard Style	1 Pack
131501P	1½"	1"	Screw End Standard Style	1 Pack
130502P	2"	1"	Screw End Standard Style	1 Pack
130201P	2"	1"	Screw End Standard Style	1 Pack
13014	1½"	1½"	Screw Style Meter Coupling	3 Pieces w/ Gasket
13015	2"	2"	Screw Style Meter Coupling	3 Pieces w/ Gasket
200402P	1½"	1"	Oval Flange	1 Pack
200404P	1½"	1½"	Oval Flange	1 Pack
200504P	2"	1½"	Oval Flange	1 Pack
200505P	2"	2"	Oval Flange	1 Pack
1430	1"	¾"	Meter Downsize Adaptor	2 Pieces
1412	1"	⅝ x ¾"	Meter Downsize Adaptor	2 Pieces
1402	1"	⅝"	Meter Downsize Adaptor	2 Pieces
1425	¾"	⅝ x ¾"	Meter Downsize Adaptor	1 Piece

- Packs include gaskets, bolts and nuts.

Space Saver Flanges

Downsizing with Space Saver Flanges is the answer to costly meter replacement.

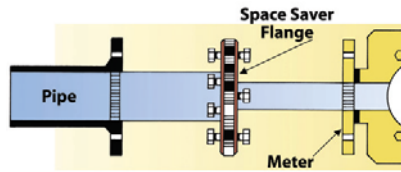
Our patented Space Saver Flange revolutionizes the process of replacing a large meter with a smaller meter. The Space Saver dramatically reduces the amount of space and piping needed to downsize. You save work, time and money.

Features:

- Saves work, time and money
- Available in 31 standard sizes
- Manufactured in special sizes up to 24" (upon request)

Materials:

- Flange: Cast Iron
- Studs: 1040 steel
- Gasket: Red rubber



PROD. NO.	SIZE	DESCRIPTION	FLANGE THICKNESS	APPROX. WT. (LBS)
13062	2" x 2"	2 Bolt Hole x 4 Bolt Hole	1 ³ / ₁₆ "	9
130715	3" x 1 ¹ / ₂ "	Space Saver	1"	13
13072	3" x 2"	Space Saver 2 Bolt Hole	1"	13
130724	3" x 2"	Space Saver 4 Bolt Hole	1"	13
130915	4" x 1 ¹ / ₂ "	Space Saver	1 ³ / ₁₆ "	22
13092	4" x 2"	Space Saver 2 Bolt Hole	1 ³ / ₁₆ "	22
130924	4" x 2"	Space Saver 4 Bolt Hole	1 ³ / ₁₆ "	22
130925	4" x 2 ¹ / ₂ "	Space Saver	1 ³ / ₁₆ "	22
13093	4" x 3"	Space Saver	1 ³ / ₁₆ "	22
131115	6" x 1 ¹ / ₂ "	Space Saver	1 ³ / ₁₆ "	33
13112	6" x 2"	Space Saver 2 Bolt Hole	1 ³ / ₁₆ "	33
131124	6" x 2"	Space Saver 4 Bolt Hole	1 ³ / ₁₆ "	33
131125	6" x 2 ¹ / ₂ "	Space Saver	1 ³ / ₁₆ "	33
13113	6" x 3"	Space Saver	1 ³ / ₁₆ "	33
13114	6" x 4"	Space Saver	1 ³ / ₁₆ "	31
13115	6" x 5"	Space Saver	2 ¹ / ₄ "	48
13132	8" x 2"	Space Saver 2 Bolt Hole	1 ³ / ₁₆ "	48
131324	8" x 2"	Space Saver	1 ³ / ₁₆ "	48
13133	8" x 3"	Space Saver	1 ³ / ₁₆ "	47
13134	8" x 4"	Space Saver	1 ³ / ₁₆ "	47
13135	8" x 5"	Space Saver	1 ³ / ₁₆ "	47
13136	8" x 6"	Space Saver	1 ³ / ₁₆ "	44
13163	10" x 3"	Space Saver	1 ⁷ / ₁₆ "	76
13164	10" x 4"	Space Saver	1 ⁷ / ₁₆ "	75
13165	10" x 5"	Space Saver	1 ⁷ / ₁₆ "	74
13166	10" x 6"	Space Saver	1 ⁷ / ₁₆ "	74
13168	10" x 8"	Space Saver	1 ⁷ / ₁₆ "	73
13194	12" x 4"	Space Saver	1 ¹ / ₂ "	125
13196	12" x 6"	Space Saver	1 ¹ / ₂ "	115
13198	12" x 8"	Space Saver	1 ¹ / ₂ "	100
131910	12" x 10"	Space Saver	1 ¹ / ₂ "	95

Redi-Jack Pipe Support

An adjustable ready-to-use stand designed to meet all your piping support needs!

Red Hed provides a unique product perfect for supporting large water meters and backflow devices. The Redi-Jack Pipe Support, unlike other designs, features a one-piece support plate and a support tube that can be cut to size in the field. Both the support plate and the base plate are drilled so that the stand can be securely anchored. Red Hed's quality construction, including black rustproof paint, assures long-lasting service.

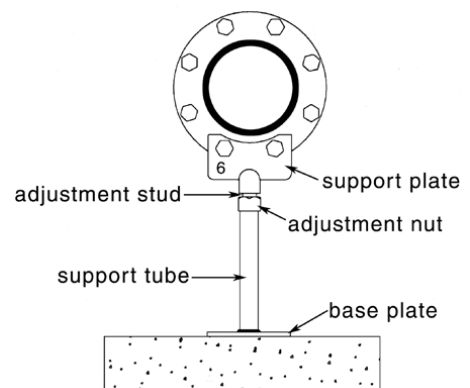
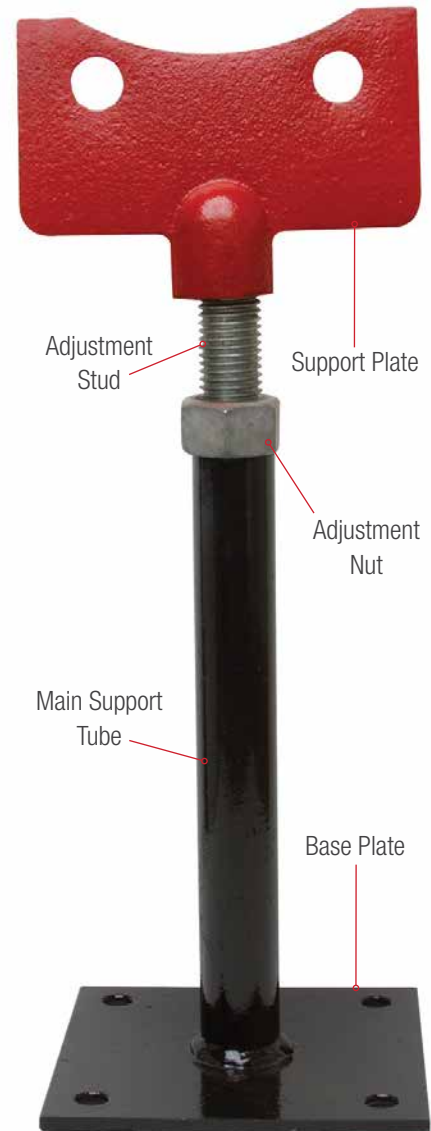
Features:

- One-piece support plate
- Comes as a complete assembly
- Provided with rustproof finish
- Support plate available in 2" to 24" sizes
- Standard 3 ft. height; other sizes available

Materials:

- Support Plate: Cast ductile iron ASTM A-536
- Adjustment Nut: 1"-8" finish nut plated ANSI-ASME B-18-2-2
- Adjustment Stud: 1" rolled threads steel plated ASTM A-307
- Main Support Tube: Steel pipe, Schedule 40 ASTM A-53
- Base Plate: Hot rolled ¼" steel ASTM A-36

PRODUCT NUMBER	SIZE
PS0236	2"
PS0336	3"
PS0436	4"
PS0636	6"
PS0836	8"
PS1036	10"
PS1236	12"
PS1436	14"
PS1636	16"
PS1836	18"
PS2036	20"
PS2436	24"



Services

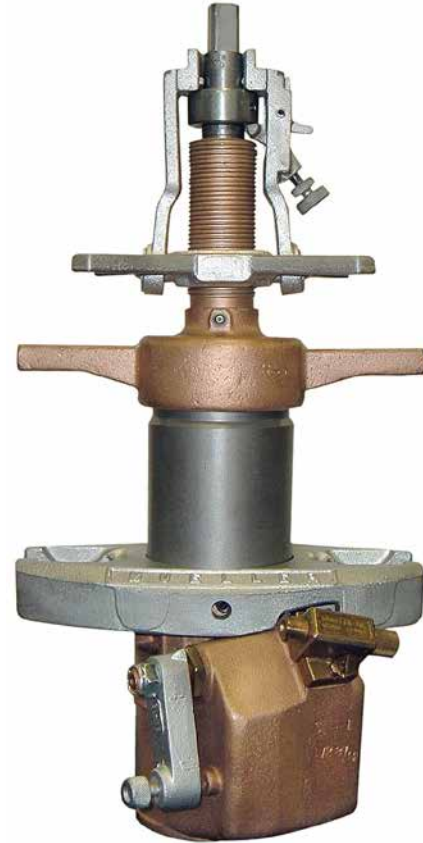
We Can Rebuild Your Old Drilling & Tapping Machine For a Fraction of the Cost of a New Machine!

Red Hed Manufacturing can rebuild your drilling and tapping machine at a fraction of the cost of a new one.

Red Hed Manufacturing repairs and reconditions drilling and tapping machines to their original machine specifications, assuring that reworked machines will perform as good as new. Our tool-making craftsmanship and extensive parts inventory eliminates costly downtime. This service includes a complete teardown of the machine, new parts as needed, sandblasting, greasing and repainting.

Red Hed Manufacturing rebuilds brand name drilling and tapping machines, including:

- Romac
- Mueller
- Ford
- Reed



Tapping Machine after it has been completely rebuilt!

Save Money! Have Your Drilling & Tapping Bits Resharpended!

Why spend costly dollars on new drilling and tapping bits when Red Hed Manufacturing can sharpen your used and worn tapping bits at a fraction of the cost? This is one more service you can count on when you do business with Red Hed Manufacturing.



Services

Machine Shop Capabilities & Service

Red Hed Manufacturing has true “Job Shop” capabilities as well as the ability to provide volume production! We pride ourselves on our staff, equipment and skill. Put us to work for you!

- CNC Turning Centers for high thru-put rate; accuracy = .001"
- Turret Lathes for turning and boring.
- Boring capability to 20.000" I.D.
- Bridgeport Milling Machines for custom work.
- Broaching & Gang Drilling Centers.
- Radial Drilling Centers.
- Pipe Lathes for threading & turning spool pipe.
- Band Saws for raw material cutting & shaping.
- Certified Brazing, Soldering and MIG-Arc welding.
- Cut-Off Saws for large jobs.
- Surface Grinding to a quality finish.
- Custom Toolmaker Shop for specialty jobs & custom work!
- Hydraulic Pressure Testing for water meters, valves & fittings!
- State of the art AutoCAD System for your prints & design reading.
- Drill bit & Tap-Drill bit sharpening systems.

Our experienced staff can help turn your ideas into reality! We pride ourselves on our ability to meet your deadlines and provide quality craftsmanship in every project we undertake.

Locally:

- Enjoy a full sized Job Shop in your backyard!

Nationally:

- Meeting National standards daily! Our products meet UL & FM certifications.
- Our waterworks brass conforms to NSF-60 & 61 - LEAD-FREE stipulations.
- All waterworks products conform to AWWA standards.

TEAM
RED
HED 
BRASS MANUFACTURING

RED HED MANUFACTURING COMPANY

Division of Everett J. Prescott, Inc.

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