

COUNTER BOOK
IRRIGATION CATALOGS



TRAVIS
PATTERN & FOUNDRY, INC.



WADE RAIN

A Division of Travis Pattern & Foundry

Featuring The
Solaroll



PHONE: (509) 466-3545 • FAX: (509) 467-6465
WWW.IRRIGATION.TRAVISPATTERN.COM

SAY HELLO TO YOUR NEW FARMHAND

WADE RAIN Solaroll

Manufactured by
Travis Pattern & Foundry

Powered by
HydroSide

A Modern Power Option Applied to a Time-Tested Wade'Rain Mover Frame

Wheel lines offer advantages over other types of irrigation machines. They water complete fields without missing the corners and lower application rates can improve irrigation efficiency. Wheel lines have lower initial costs and a long life, making them a great choice for many growers.

If you are experienced with wheel lines, then you know the process: shut off the water, drain the line, start up an engine in the field, wait for it to warm up, then move the line to the next set.

Over the last quarter century there has been little innovation in Wheel Line Movers — *until now.*

Wade Rain and HydroSide have partnered to answer the demand for innovation from farmers across the USA and the world. After years of research and development, we are proud to introduce the Wade Rain Solaroll powered by HydroSide Solar. Solaroll is the world's most advanced solar powered Wheel Line Mover available today.

It is self-charging, all-electric, and remote operated. The self-contained Wheel Line Mover Unit utilizes the trusted Model 70 Dual Rail Poweroll frame. Existing Poweroll Movers can be retrofitted to the new technology at a partial cost of a complete new system — lowering your investment when transitioning to solar. We fully support the HydroSide power unit as a replacement power source.

No more trips to the middle of the field! No more fuel or pull ropes! Using the remote control, you can move the line from up to one mile away. Solaroll wheel line movers and remote operation require less labor, putting money back in your pocket.

Call your Travis Pattern and Wade Rain Irrigation Dealer today and get in on the latest innovations of Wheel Line Products!



SAVE TIME

No more walks to the middle of the field. Perform set moves from the palm of your hand.



SAVE MONEY

Solaroll adds efficiency, which means more money in your pocket.



ADD CONFIDENCE

Proudly made in the USA, and built farm tough.



PROUDLY MADE IN SPOKANE, WA



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I PRICES

All prices listed in the Travis Pattern Sprinkler Irrigation Products catalog are recommended list prices, FOB Spokane, Washington and are shown in US Dollars, Prices are subject to change without notice and shall be those in effect at time of shipment. All quotations are valid for 30 days unless otherwise indicated.

II DOMESTIC PAYMENT TERMS

Payment terms are Net 30 days – unless otherwise noted. Interest will be charged at the legal rate on all amounts which are past due, beginning on the 31st day following the date of the invoice and every day thereafter until paid, except in the case of Special Terms when interest charges will begin on the 1st day after payment becomes due and every day thereafter.

III GOODS DAMAGED OR LOST IN TRANSIT

Goods damaged or lost after delivery are the responsibility of the buyer. Delivery of the goods to the purchaser takes place when the goods are accepted by the carrier; and claims for loss or damage must be made to the carrier. In no case shall Travis Pattern & Foundry be responsible for any consequential damages.

IV SHORTAGES

All claims for shortages must be made within 7 days of receipt of shipment. Any shortage claim must be identified by the Packing Slip Number or Invoice Number and a copy of the Delivery Receipt.

V RETURN MERCHANDISE

The return of current catalog merchandise in new condition is subject to a 20% restocking charge and must be pre-approved by the factory. When approved, returns will be accepted if accompanied by a Returned Goods Authorization Number (RGA) and date of receipt. No custom fabricated items will be accepted for return. All merchandise must be returned Freight Prepaid unless otherwise specified. No returns accepted over 1 year after purchase date.

VI CANCELLATION OF MERCHANDISE

Cancellation of standard items may be honored only if the request is made prior to shipment. Custom made or special items may not be canceled unless cancellation precedes the start of manufacture or purchase of the item.

VII DELAY OF DELIVERY

Travis Pattern & Foundry shall not be liable for failure to deliver or delays in delivery which is occasioned by causes beyond the control of Travis Pattern & Foundry. These causes include, but not limited to, strikes, lockouts, fires, embargoes, war or other hostilities, acts of God, inability to obtain shipping space, machinery breakdowns, delays of carriers or suppliers and domestic or foreign government regulations.

VIII MINIMUM ORDER

All orders must be a minimum of \$50.00. All invoices under the \$50.00 minimum are subject to a surcharge.

IX HANDLING FEE

For less than pallet orders that ship via collect or third party accounts, a handling fee will be added to the invoice.

X PRODUCT IMPROVEMENT

Travis Pattern & Foundry, whose policy is one of continuing product improvement, reserves the right to make changes in design and changes or improvement upon its products without assuming any obligation to change products therefore manufactured, or used, if manufactured by others, in the same manner. Product model changes or designs are subject to change without notice.

LIMITED WARRANTY

- I Travis Pattern & Foundry manufactures various brand name couplers, valves and certain mechanical equipment. Any part manufactured by Travis which is proven defective as to material or workmanship within one year from the date of sale by Travis will be replaced free of charge F.O.B. Spokane, Washington, upon return of such defective part to Travis, transportation prepaid. No parts, however, shall be returned without the express written authority of Travis. **TRAVIS MAKES NO WARRANTY EXPRESS OR IMPLIED, EXCEPT SUCH WARRANTIES AS ARE DEFINITELY SET FORTH HEREIN.** This Warranty is void if the equipment is used on lines with pressures in excess of those recommended by Travis or if used in a manner not in conformity with Travis's published instructions.
- II **THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TRAVIS PATTERN & FOUNDRY MAKES NO WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS AS TO ITS PRODUCTS**
- III Under no circumstances shall Travis be held for any consequential or other damages, losses or expenses which may arise from installation or use of the equipment regardless of advice or recommendations that may have been made by any agent or employee of Travis Pattern & Foundry or its distributors/dealers.
- IV **THE DISTRIBUTOR AND/OR DEALER IS NOT AUTHORIZED TO MAKE ANY WARRANTY OF PERFORMANCE OR EFFICIENCY OR OTHER OPERATING GUARANTEE ON ANY TRAVIS PATTERN SYSTEM OR ANY OF ITS COMPONENT PARTS NOT SET FORTH HEREIN**

MATERIAL SHIPPING UNDERSTANDING

Travis Pattern & Foundry shall not be responsible for any delay in shipping resulting from destruction of offices, warehouses, factories, or other facilities, strikes, lockouts, shortage of merchandise at the factory or plant of Travis Pattern & Foundry, delays in obtaining merchandise from a factory or plant or other sources of supply, act of God, or other causes.

RESERVATIONS AND RIGHTS FOR IMPROVEMENTS

Travis Pattern & Foundry reserves the right to make changes in design and changes or improvements upon its products without assuming any obligation to change products theretofore manufactured in the same manner.

PARTS MANUFACTURED BY OTHERS

Parts of Travis Pattern Systems manufactured by others than Travis Pattern & Foundry (all buy-out items and such items as gear reducers, tires, aluminum tubing, electric motors, gas engines, sprinklers, etc.) may carry manufacturer's guarantee and are not guaranteed by Travis Pattern & Foundry.

APPLICATION CONDITIONS

This warranty shall apply to all Travis Pattern Systems, subject to the following limitations:

- a) Water supplied to the system shall be clean and noncorrosive, free of sand or other foreign matter which adversely affects the operation of the system or may unduly shorten the life of the system or any of its parts.
- b) Water pressure applied to the system shall be limited to a maximum of 100 P.S.I. operating pressure unless otherwise indicated in writing by Travis Pattern & Foundry.
- c) All systems are to be used with water only.
- d) The system must be operated in conformance with the manufacturer's instructions and all safety instructions must be followed.

Any claims should be presented to Travis Pattern & Foundry, 1413 East Hawthorne RD, Spokane, WA 99218

ATTENTION

RETURNING MERCHANDISE?

Please note that ***no returns*** will be accepted without first obtaining a "**return material authorization**" number.

No credit will be allowed on damaged goods. There will be a **20%** restocking charge on all items. Epoxy fittings will be subject to inspection before credit will be issued and a **50%** restocking charge is applicable to all epoxy fittings. No custom fabricated items will be accepted for return. Travis Pattern and Foundry will allow no charges (other than freight) for labor, expenses or damages resulting from defective or misused product or materials. All special fabrication items should be confirmed with a customer provided drawing. Special fabrication items and modified products are considered non-returnable and non-refundable.

No returns accepted over 1 year after purchase date.

For "RGA" number call:

Spokane Office 509.466.3545

ALL SHIPMENTS F.O.B.

TRAVIS PATTERN & FOUNDRY,
SPOKANE, WASHINGTON
UNLESS OTHERWISE SPECIFIED.

CONTACT INFORMATION

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1413 E HAWTHORNE RD, SPOKANE, WA 99218

COPY THIS ORDER FORM FOR YOUR CONVENIENCE AND FAX DIRECT TO THE FACTORY 509-467-6465



CONTACT NAME_____

DATE ORDERED_____

SOLD TO_____

PURCHASE ORDER NUMBER_____

SHIPPING INSTRUCTIONS_____

SHIP TO_____

QUANTITY	PART NUMBER	\$ EACH	\$ TOTAL

DRAWING AREA OR SPECIAL INSTRUCTIONS

ROUND BACK STEEL

STEEL LATERAL COUPLER SET - GALVANIZED

Includes band and latch assembly and round back gasket.

**Western Style available — see Western section.*



Part #	Part Weight	Part Size
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BLCR 200	3.00 lbs	2"
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BLCR 300	4.50 lbs	3"
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BLCR 400	6.00 lbs	4"
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STEEL BAND AND LATCH COUPLER SET NO OUTLET

Press on steel band and latch mainline sets galvanized, includes band and latch.



Part #	Part Weight	Part Size
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BLS 200	3.00 lbs	2"
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BLS 300	4.50 lbs	3"
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BLS 400	5.25 lbs	4"
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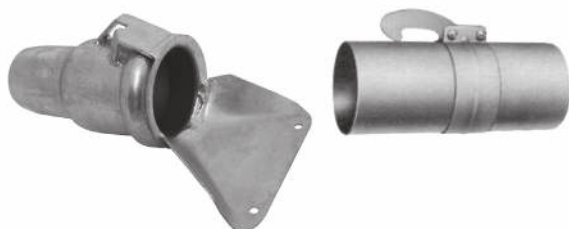
BLS 500	6.00 lbs	5"
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BLS 600	7.50 lbs	6"
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BLS 700	10.00 lbs	7"
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BLS 800	12.50 lbs	8"
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STEEL BAND AND LATCH COUPLER SET LESS OUTLET WITH PAN



Part #	Part Weight	Part Size
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BLS 200 W/PAN	3.00 lbs	2"
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BLS 300 W/PAN	4.50 lbs	3"
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BLS 400 W/PAN	5.25 lbs	4"
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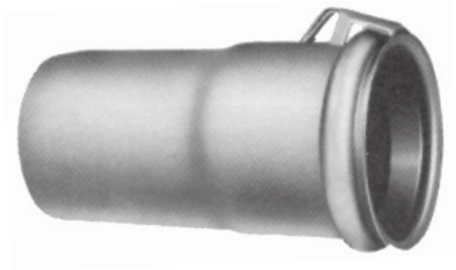
BLS 500 W/PAN	6.00 lbs	5"
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BLS 600 W/PAN	7.50 lbs	6"
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STEEL BAND AND LATCH

Coupler only with gasket galvanized.



Part #	Part Weight	Part Size
S 200	2.00 lbs	2"
S 300	3.00 lbs	3"
S 400	4.00 lbs	4"
S 500	5.00 lbs	5"
S 600	6.50 lbs	6"
S 700	8.00 lbs	7"
S 800	10.00 lbs	8"

STEEL BAND AND LATCH

Press-in male only.

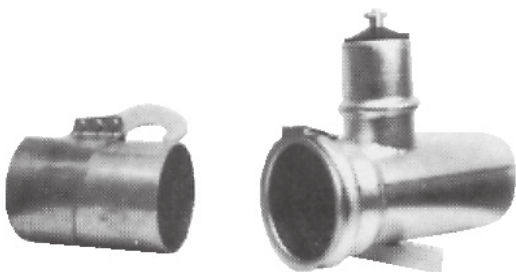


Part #	Part Weight	Part Size
BLSM 200	1.75 lbs	2"
BLSM 300	2.50 lbs	3"
BLSM 400	3.50 lbs	4"
BLSM 500	4.75	5"
BLSM 600	6.25	6"

STEEL BAND AND LATCH PRESS IN VALVE T SET

Press-on steel universal valve sets with stabilizer foot.

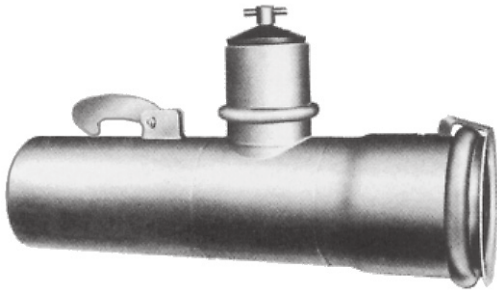
Includes press-in T, gasket and band and latch.



Part #	Part Weight	Part Size
BLSUVT 333	8.00 lbs	3" x 3"
BLSUVT 444	10.00 lbs	4" x 4"
BLSUVT 554	12.00 lbs	5" x 4"
BLSUVT 664	14.00 lbs	6" x 4"
BLSUVT 774	17.00 lbs	7" x 4"
BLSUVT 884	20.00 lbs	8" x 4"

For other sizes consult the factory.

ROUND BACK STEEL



STEEL BAND & LATCH IN-LINE VALVE T SET

Part #	Part Weight	Part Size
BLSUVT L 333	9.00 lbs	3" x 3"
BLSUVT L 444	10.00 lbs	4" x 4"
BLSUVT L 554	14.00 lbs	5" x 4"
BLSUVT L 664	18.00 lbs	6" x 4"
BLSUVT L 774	22.00 lbs	7" x 4"
BLSUVT L 884	24.00 lbs	8" x 4"



Connects to band and latch mainline for side take-off.

STEEL BAND AND LATCH FIELD TEE (LINE TEE)

Part #	Part Weight	Part Size
BLSFT 200	6.00 lbs	2"
BLSFT 300	8.00 lbs	3"
BLSFT 400	12.00 lbs	4"
BLSFT 500	16.00 lbs	5"
BLSFT 600	20.00 lbs	6"
BLSFT 700	25.00 lbs	7"
BLSFT 800	35.00 lbs	8"



90° take-off both directions - end of line.

STEEL BAND AND LATCH END TEE

Part #	Part Weight	Part Size
BLSET 200	6.00 lbs	2"
BLSET 300	8.00 lbs	3"
BLSET 400	12.00 lbs	4"
BLSET 500	14.00 lbs	5"
BLSET 600	18.00 lbs	6"
BLSET 700	23.00 lbs	7"
BLSET 800	33.00 lbs	8"



22.5 degree same price.

45 DEGREE STEEL BAND AND LATCH ELBOW

Part #	Part Weight	Part Size
BLSFE 200 45	4.00 lbs	2"
BLSFE 300 45	5.00 lbs	3"
BLSFE 400 45	6.00 lbs	4"
BLSFE 500 45	7.00 lbs	5"
BLSFE 600 45	8.00 lbs	6"
BLSFE 700 45	12.00 lbs	7"
BLSFE 800 45	16.00 lbs	8"

45 degree elbow for band and latch lines.

Sweep elbow 2", 3", 4" miter elbow 5" and larger.

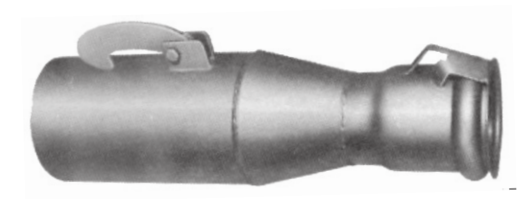


90 DEGREE STEEL BAND AND LATCH ELBOW

Part #	Part Weight	Part Size
BLSFE 200	4.00 lbs	2"
BLSFE 300	5.00 lbs	3"
BLSFE 400	7.00 lbs	4"
BLSFE 500	9.00 lbs	5"
BLSFE 600	10.00 lbs	6"
BLSFE 700	15.00 lbs	7"
BLSFE 800	19.00 lbs	8"

90 degree elbow for band and latch lines

Sweep elbow 2", 3", 4" miter elbow 5" and larger.



STEEL BAND AND LATCH REDUCER

Part #	Part Weight	Part Size
BLSR 203	4.00 lbs	2" x 3"
BLSR 304	6.00 lbs	3" x 4"
BLSR 405	7.00 lbs	4" x 5"
BLSR 406	9.00 lbs	4" x 6"
BLSR 506	10.00 lbs	5" x 6"
BLSR 607	11.50 lbs	6" x 7"
BLSR 608	13.00 lbs	6" x 8"
BLSR 708	16.00 lbs	7" x 8"

Increasesers also available - consult the factory.

ROUND BACK STEEL

STEEL BAND & LATCH END PLUGS

Part #	Part Weight	Part Size
BLSEP 200	2.50 lbs	2"
BLSEP 300	2.50 lbs	3"
BLSEP 400	3.50 lbs	4"
BLSEP 500	4.50 lbs	5"
BLSEP 600	5.50 lbs	6"
BLSEP 700	8.00 lbs	7"
BLSEP 800	10.00 lbs	8"

End plug for band and latch lines.

STEEL FIXED LATCH ADAPTERS WITH OUTLET

Part #	Part Size	Outlet Size
BLSEP 200 X SHC 150	2"	1 1/2" FIPT
BLSEP 200 X SHC 200	2"	2" FIPT
BLSEP 300 X SHC 150	3"	1 1/2" FIPT
BLSEP 300 X SHC 200	3"	2" FIPT
BLSEP 300 X SHC 300	3"	3" FIPT
BLSEP 400 X SHC 150	4"	1 1/2" FIPT
BLSEP 400 X SHC 200	4"	2" FIPT
BLSEP 400 X SHC 300	4"	3" FIPT

Male threads available - consult the factory.
Custom sizes available - consult the factory.

STEEL SWIVEL BAND & LATCH ADAPTERS WITH OUTLET

Part #	Part Size	Outlet Size
SBLA 300 X SHC 150	3"	1 1/2" FIPT
SBLA 300 X SNA 150	3"	1 1/2" MIPT
SBLA 300 X SHC 200	3"	2" FIPT
SBLA 300 X SNA 200	3"	2" MIPT
SBLA 300 X SHC 300	3"	3" FIPT
SBLA 300 X SNA 300	3"	3" MIPT
SBLA 400 X SHC 150	4"	1 1/2" FIPT
SBLA 400 X SNA 150	4"	1 1/2" MIPT
SBLA 400 X SHC 200	4"	2" FIPT
SBLA 400 X SNA 200	4"	2" MIPT
SBLA 400 X SHC 300	4"	3" FIPT
SBLA 400 X SNA 300	4"	3" MIPT

Custom sizes available - consult the factory.



STEEL HOSE ENDS RAISED BEAD BAND & LATCH MALE



Part #	Part Weight	Part Size
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BLSHM 200	1.90 lbs	2"
BLSHM 300	3.30 lbs	3"
BLSHM 400	4.30 lbs	4"
BLSHM 500	5.40 lbs	5"
BLSHM 600	6.50 lbs	6"
BLSHM 800	8.50 lbs	8"

BAND & LATCH FEMALE



Part #	Part Weight	Part Size
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BLSHF 200	2.60 lbs	2"
BLSHF 300	4.50 lbs	3"
BLSHF 400	6.00 lbs	4"
BLSHF 500	7.50 lbs	5"
BLSHF 600	9.00 lbs	6"
BLSHF 800	10.50 lbs	8"

*Steel knob style available for female hose at an additional cost.
Reducing hose adapters available - consult the factory.*

STEEL PRESS-IN CENTER OUTLET



Part #	Part Weight
--------	-------------

PCR 300 B	3.50 lbs
PCR 400 B	4.00 lbs

*Idaho foot style.
Reinforcing bridge standard.
Presses into aluminum tubing sections to provide sprinkler outlet.*

STEEL CENTER RISER - 1" FIPT OUTLET

Press-on available — See Steel Section



Installs on section of lateral
to provide sprinkler outlet.

Part #	Part Weight	Part Size
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SCR 300	3.00 lbs	3"
SCR 400	4.00 lbs	4"
202885	0.10 lbs	O RING

Includes stabilizer foot.

ROUND BACK STEEL



Hold bands recommended.

STEEL RING LOCK MAINLINE COUPLER SET - GALVANIZED

Part #	Part Weight	Part Size
SRL 300	5.00 lbs	3"
SRL 400	6.50 lbs	4"
SRL 500	9.00 lbs	5"
SRL 600	10.00 lbs	6"
SRL 700	13.00 lbs	7"
SRL 800	17.50 lbs	8"
SRL 1000	25.00 lbs	10"
SRL 1200	31.00 lbs	12"

Includes press-in female, male, gasket and clamp.

HOLD BANDS

STEEL

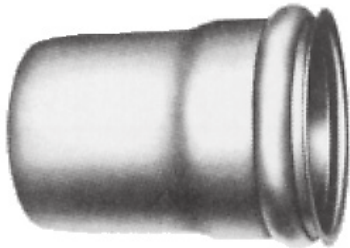


Part #	Part Weight (per 100)	Part Size
SHB 5	38.00 lbs	5"
SHB 6 *	50.00 lbs	6"
SHB 8 *	75.00 lbs	8"
SHB 1000 *	88.00 lbs	10"
SHB 1200 *	100.00 lbs	12"

** 6" and larger spot welded strap style.*

ALUMINUM

Part #	Part Weight (per 100)	Part Size
HB 300	—	3"
HB 400	13.00 lbs	4"
HB 500	16.00 lbs	5"
HB 600	19.00 lbs	6"
HB 800	44.00 lbs	8"
HB 1000	63.00 lbs	10"



STEEL RING LOCK FEMALE COUPLER - GALVANIZED

Part #	Part Weight	Part Size
SRL F 300	2.00 lbs	3"
SRL F 400	2.50 lbs	4"
SRL F 500	3.50 lbs	5"
SRL F 600	4.00 lbs	6"
SRL F 700	5.50 lbs	7"
SRL F 800	8.00 lbs	8"
SRL F 1000	10.50 lbs	10"
SRL F 1200	15.00 lbs	12"

Press-in female, includes gasket.



*Wide ring male available – same price.
Must be specified on every fitting.
Example: SRL M 600 WR*

STEEL RING LOCK MALE COUPLER - GALVANIZED

Part #	Part Weight	Part Size
SRL M 300	2.00 lbs	3"
SRL M 400	2.50 lbs	4"
SRL M 500	3.50 lbs	5"
SRL M 600	4.00 lbs	6"
SRL M 700	5.00 lbs	7"
SRL M 800	7.00 lbs	8"
SRL M 1000	11.00 lbs	10"
SRL M 1200	14.00 lbs	12"

Press-in male coupler.



STEEL UNIVERSAL RING LOCK IN LINE VALVE TEE

Part #	Part Weight	Part Size
SRLUVT L 444	11.00 lbs	4" x 4"
SRLUVT L 554	12.00 lbs	5" x 4"
SRLUVT L 664	21.00 lbs	6" x 4"
SRLUVT L 774	26.00 lbs	7" x 4"
SRLUVT L 884	29.00 lbs	8" x 4"
SRLUVT L 10104	33.00 lbs	10" x 4"
SRLUVT L 12124	43.00 lbs	12" x 4"

ROUND BACK STEEL



Hold bands recommended.

STEEL UNIVERSAL RING LOCK VALVE TEE

Part #	Part Weight	Part Size
SRLUVT 333	14.00 lbs	3" x 3"
SRLUVT 444	17.00 lbs	4" x 4"
SRLUVT 554	21.00 lbs	5" x 4"
SRLUVT 664	23.00 lbs	6" x 4"
SRLUVT 774	30.00 lbs	7" x 4"
SRLUVT 884	35.00 lbs	8" x 4"
SRLUVT 10104	50.00 lbs	10" x 4"
SRLUVT 12124	52.00 lbs	12" x 4"

Press-in valve T, male press in end gasket and clamp.



HIGH PRESSURE RING LOCK CLAMP

Part #	Part Weight	Part Size	Box Qty.
HPRLC 300	1.40 lbs	3"	300
HPRLC 400	1.60 lbs	4"	200
HPRLC 500	1.80 lbs	5"	175
HPRLC 600	2.00 lbs	6"	125
HPRLC 700	2.25 lbs	7"	125
HPRLC 800	2.50 lbs	8"	100
HPRLC 1000	3.50 lbs	10"	80
HPRLC 1000 S *	3.50 lbs	10"	80
HPRLC 1200	5.25 lbs	12"	75
HPRLC 1200 S *	5.25 lbs	12"	75

*** Fits steel only.**



STEEL RING LOCK FIELD T

Part #	Part Weight	Part Size
SRLFT 300	8.00 lbs	3"
SRLFT 400	9.00 lbs	4"
SRLFT 500	12.00 lbs	5"
SRLFT 600	13.00 lbs	6"
SRLFT 700	15.00 lbs	7"
SRLFT 800	20.00 lbs	8"
SRLFT 1000	33.00 lbs	10"
SRLFT 1200	44.00 lbs	12"

Couples to mainline for side outlet take off.



STEEL RING LOCK END T

Part #	Part Weight	Part Size
SRLET 300	8.00 lbs	3"
SRLET 400	9.00 lbs	4"
SRLET 500	12.00 lbs	5"
SRLET 600	13.00 lbs	6"
SRLET 700	15.00 lbs	7"
SRLET 800	21.00 lbs	8"
SRLET 1000	34.00 lbs	10"
SRLET 1200	44.00 lbs	12"

Galvanized, 90 degree take off both directions.

ROUND BACK STEEL



22.5 degree same price.

STEEL RING LOCK FITTINGS 45 DEGREE ELBOW

Part #	Part Weight	Part Size
SRLFE 300 45	5.00 lbs	3"
SRLFE 400 45	6.00 lbs	4"
SRLFE 500 45	7.00 lbs	5"
SRLFE 600 45	9.00 lbs	6"
SRLFE 700 45	13.00 lbs	7"
SRLFE 800 45	16.00 lbs	8"
SRLFE 1000 45	19.00 lbs	10"
SRLFE 1200 45	26.00 lbs	12"

3" and 4" are sweep elbows. 5" and larger are mitered elbows.



STEEL RING LOCK FITTINGS 90 DEGREE ELBOW

Part #	Part Weight	Part Size
SRLFE 300	6.00 lbs	3"
SRLFE 400	7.00 lbs	4"
SRLFE 500	8.00 lbs	5"
SRLFE 600	11.00 lbs	6"
SRLFE 700	16.00 lbs	7"
SRLFE 800	18.00 lbs	8"
SRLFE 1000	22.00 lbs	10"
SRLFE 1200	30.00 lbs	12"

3" and 4" are sweep elbows. 5" and larger are mitered elbows.



STEEL RING LOCK REDUCER



Part #	Part Weight	Part Size
SRLR 304	4.00 lbs	4" x 3"
SRLR 306	5.00 lbs	6" x 3"
SRLR 405	5.00 lbs	5" x 4"
SRLR 506	6.00 lbs	5" x 6"
SRLR 406	7.00 lbs	4" x 6"
SRLR 607	8.00 lbs	6" x 7"
SRLR 408	8.00 lbs	4" x 8"
SRLR 608	10.00 lbs	6" x 8"
SRLR 610	14.00 lbs	6" x 10"
SRLR 708	12.00 lbs	7" x 8"
SRLR 810	15.00 lbs	8" x 10"
SRLR 1012	19.00 lbs	10" x 12"

Increases and other sizes also available. Consult the factory.

STEEL RING LOCK END PLUG



Female end cap available – same price
Example: SRLFEP 600

Part #	Part Weight	Part Size
SRLEP 300	3.00 lbs	3"
SRLEP 400	3.75 lbs	4"
SRLEP 500	4.50 lbs	5"
SRLEP 600	5.00 lbs	6"
SRLEP 700	6.00 lbs	7"
SRLEP 800	7.00 lbs	8"
SRLEP 1000	13.00 lbs	10"
SRLEP 1200	17.00 lbs	12"

*Female end caps available for same price. **Example: SRLFEP 600***

ROUND BACK STEEL

STEEL RING LOCK HOSE ENDS RAISED BEAD

RING LOCK MALE

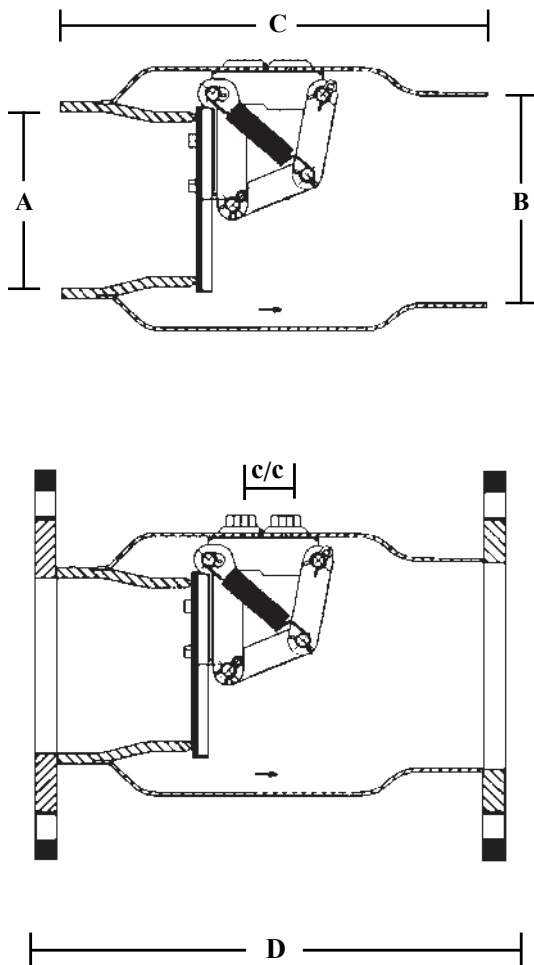


Part #	Part Weight	Part Size
SRLHM 300	3.40 lbs	3"
SRLHM 400	4.00 lbs	4"
SRLHM 500	5.00 lbs	5"
SRLHM 600	7.00 lbs	6"
SRLHM 800	11.00 lbs	8"
SRLHM 1000	15.00 lbs	10"
SRLHM 1200	18.00 lbs	12"

RING LOCK FEMALE



Part #	Part Weight	Part Size
SRLHF 300	3.40 lbs	3"
SRLHF 400	4.50 lbs	4"
SRLHF 500	5.60 lbs	5"
SRLHF 600	6.50 lbs	6"
SRLHF 800	10.50 lbs	8"
SRLHF 1000	14.50 lbs	10"
SRLHF 1200	17.50 lbs	12"



GALVANIZED CHECK VALVES

Part # Part Size

CKVP 4	4"
CKVP 6	6"
CKVP 8	8"
CKVP 10	10"

Part # Part Size

CKV FL 4	4"
CKV FL 6	6"
CKV FL 8	8"
CKV FL 10	10"

Available with ringlock ends also.
Call for information and options.

DIMENSIONS

A	B	C	D	C/C
4"	4.75"	10.25"	11.25"	2.00"
6"	6.75"	12.75"	13.75"	2.50"
8"	9.25"	15.00"	16.00"	3.50"
10"	11.50"	18.25"	19.25"	4.00"

REPLACEMENT PARTS

Part # Description Part Size

CKV L 4	Stainless steel linkage kit 4"	4"
CKV L 6	Stainless steel linkage kit 6"	6"
CKV L 8	Stainless steel linkage kit 8"	8"
CKV L 10	Stainless steel linkage kit 10"	10"
SS LINK BOLTS	$\frac{3}{8}$ " x 1" stainless steel bolts (2 required)	—
SS WASHER	$\frac{3}{8}$ " stainless steel washers (2 required)	—

ROUND BACK STEEL

BUTTERFLY LINE VALVE

RING LOCK

Part #	Part Weight	Part Size
SRLBV 400	11.00 lbs	4"
SRLBV 600	19.00 lbs	6"
SRLBV 800	29.00 lbs	8"
SRLBV 1000	43.00 lbs	10"
SRLBV 1200*	49.00 lbs	12"

**12" uses 10" body.*

BAND & LATCH

Part #	Part Weight	Part Size
BLSBV 400	14.00 lbs	4"
BLSBV 600	24.00 lbs	6"
BLSBV 800	35.00 lbs	8"
BLSBV 1000	41.00 lbs	10"

FLANGED

Part #	Part Weight	Part Size
BVFL 400	25.00 lbs	4"
BVFL 600	35.00 lbs	6"
BVFL 800	56.00 lbs	8"
BVFL 1000	70.00 lbs	10"

PLAIN

Part #	Part Weight	Part Size
BV 400	12.00 lbs	4"
BV 600	20.00 lbs	6"
BV 800	31.00 lbs	8"
BV 1000	36.00 lbs	10"

Also available epoxy coated - same price, specify on order.





STEEL STARTER COUPLERS WITH HOOK BOSS

BLACK



Part #	Part Size	14GA	12GA	10GA
SCB HB 200	2"	✓	—	—
SCB HB 300	3"	✓	—	—
SCB HB 400	4"	✓	✓	✓
SCB HB 500	5"	✓	✓	✓
SCB HB 600	6"	✓	✓	✓
SCB HB 700	7"	✓	—	—
SCB HB 800	8"	—	✓	✓
SCB HB 1000	10"	—	✓	✓

Specify gauge after part number. **Example:** SCB HB 600-10ga

GALVANIZED

Part #	Part Size	14GA	12GA	10GA
SCG HB 200	2"	✓	—	—
SCG HB 300	3"	✓	—	—
SCG HB 400	4"	✓	✓	✓
SCG HB 500	5"	✓	✓	✓
SCG HB 600	6"	✓	✓	✓
SCG HB 700	7"	✓	—	—
SCG HB 800	8"	—	✓	✓
SCG HB 1000	10"	—	✓	✓

Specify gauge after part number. **Example:** SCG HB 600-10ga

Galvanized ring lock starter couplers available - see ring lock section.

ROUND BACK STEEL



STEEL BAND AND LATCH DISCHARGE ADAPTER

Part #	Part Weight	Part Size
BLSDA 202	2.50 lbs	2" x 2"
BLSDA 203	3.00 lbs	2" x 3"
BLSDA 303	4.00 lbs	3" x 3"
BLSDA 304	5.00 lbs	3" x 4"
BLSDA 404	6.00 lbs	4" x 4"
BLSDA 405	7.00 lbs	4" x 5"
BLSDA 406	9.00 lbs	4" x 6"
BLSDA 407	11.00 lbs	4" x 7"
BLSDA 505	7.00 lbs	5" x 5"
BLSDA 506	9.00 lbs	5" x 6"
BLSDA 507	12.00 lbs	5" x 7"
BLSDA 508	14.00 lbs	5" x 8"
BLSDA 606	15.00 lbs	6" x 6"
BLSDA 607	16.00 lbs	6" x 7"
BLSDA 608	17.00 lbs	6" x 8"

Available with flange - same price. Add "FL" to part number.

Example: BLSDA 606 FL

Other sizes available upon request.



Connects pump to ringlock mainline.



Available with flange, add "FL" to end of part number - same price.

STEEL RING LOCK DISCHARGE ADAPTER

Part #	Part Weight	Part Size
SRLDA 404	7.00 lbs	4" x 4"
SRLDA 405	8.00 lbs	4" x 5"
SRLDA 406	10.00 lbs	4" x 6"
SRLDA 505	9.00 lbs	5" x 5"
SRLDA 506	10.00 lbs	5" x 6"
SRLDA 508	14.00 lbs	5" x 8"
SRLDA 606	15.00 lbs	6" x 6"
SRLDA 608	16.00 lbs	6" x 8"
SRLDA 610	20.00 lbs	6" x 10"
SRLDA 808	17.00 lbs	8" x 8"
SRLDA 810	22.00 lbs	8" x 10"



Connects pump to suction line.

- Add 3/4" or 1" FIPT – consult the factory.
- Other sizes available upon request.



Available with flange, add "FL" to end of part number - same price.

STEEL SUCTION ADAPTER

Part #	Part Weight	Part Size
SSA 2002	—	2" x 2"
SSA 2004	—	2" x 4"
SSA 3003	4.00 lbs	3" x 3"
SSA 3004	4.00 lbs	3" x 4"
SSA 4004	5.00 lbs	4" x 4"
SSA 4005	7.00 lbs	4" x 5"
SSA 4006	8.00 lbs	4" x 6"
SSA 4007	10.00 lbs	4" x 7"
SSA 5005	8.00 lbs	5" x 5"
SSA 5006	9.00 lbs	5" x 6"
SSA 5007	10.00 lbs	5" x 7"
SSA 5008	12.00 lbs	5" x 8"
SSA 6006	13.00 lbs	6" x 6"
SSA 6007	14.00 lbs	6" x 7"
SSA 6008	16.00 lbs	6" x 8"
SSA 8008	17.00 lbs	8" x 8"

ROUND BACK STEEL

STEEL RING LOCK STARTER COUPLERS - FEMALE

BLACK



Part #	Part Size	14GA	12GA	10GA
SCB 200	2"	✓	—	—
SCB 300	3"	✓	—	—
SCB 400	4"	✓	✓	✓
SCB 500	5"	✓	✓	✓
SCB 600	6"	✓	✓	✓
SCB 700	7"	✓	—	—
SCB 800	8"	—	✓	✓
SCB 1000	10"	—	✓	✓
SCB 1200	12"	—	✓	✓

Specify gauge after part number. **Example:** SCB 600-10GA

Hook Boss starter couplers available – see band and latch section.

GALVANIZED

Part #	Part Size	14GA	12GA	10GA
SCG 200	2"	✓	—	—
SCG 300	3"	✓	—	—
SCG 400	4"	✓	✓	✓
SCG 500	5"	✓	✓	✓
SCG 600	6"	✓	✓	✓
SCG 700	7"	✓	—	—
SCG 800	8"	—	✓	✓
SCG 1000	10"	—	✓	✓
SCG 1200	12"	—	✓	✓

Specify gauge after part number. **Example:** SCG 600-10GA

Galvanized Hook Boss starter couplers available - see band and latch section.



STEEL RING LOCK STARTER COUPLERS - MALE

BLACK



Part #	Part Size	14GA	12GA	10GA
SCB M 300	3"	✓	—	—
SCB M 400	4"	✓	✓	✓
SCB M 500	5"	✓	✓	✓
SCB M 600	6"	✓	✓	✓
SCB M 700	7"	✓	—	—
SCB M 800	8"	—	✓	✓
SCB M 1000	10"	—	✓	✓
SCB M 1200	12"	—	✓	✓

Specify gauge after part number. **Example:** SCB M 600-10GA

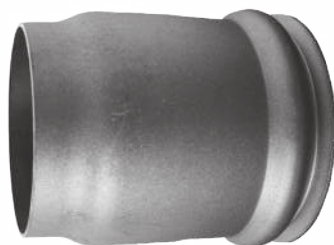
GALVANIZED

Part #	Part Size	14GA	12GA	10GA
SCG M 300	3"	✓	—	—
SCG M 400	4"	✓	✓	✓
SCG M 500	5"	✓	✓	✓
SCG M 600	6"	✓	✓	✓
SCG M 700	7"	✓	—	—
SCG M 800	8"	—	✓	✓
SCG M 1000	10"	—	✓	✓
SCG M 1200	12"	—	✓	✓

Specify gauge after part number. **Example:** SCG M 600-10GA

ROUND BACK STEEL

STEEL RING LOCK STARTER DEEP AND EXTRA DEEP PUNCH



DEEP PUNCH STARTER COUPLER

Part #	Part Weight	Part Size	Punch Depth	Oal
SCB 300 D	1.80 lbs	3"	6"	9.25"
SCB 400 D	2.60 lbs	4"	6"	9.25"
SCB 500 D	3.40 lbs	5"	6"	9.25"
SCB 600 D	3.60 lbs	6"	6"	9.25"
SCB 700 D	5.60 lbs	7"	6"	9.25"
SCB 800 D	6.60 lbs	8"	6"	9.25"
SCB 1000 D	8.40 lbs	10"	6"	9.25"
SCB 1200 D	10.70 lbs	12"	6"	9.25"



EXTRA DEEP PUNCH STARTER COUPLER

Part #	Part Weight	Part Size	Punch Depth	Oal
SCB 400 ED	3.00 lbs	4"	7.50"	11.00"
SCB 500 ED	3.70 lbs	5"	8.00"	11.00"
SCB 600 ED	4.60 lbs	6"	8.75"	12.00"
SCB 800 ED	11.00 lbs	8"	11.00"	15.25"
SCB 1000 ED	13.20 lbs	10"	11.00"	15.25"
SCB 1200 ED	15.80 lbs	12"	11.00"	15.25"



STEEL UNIVERSAL VALVE STUB



Part #	Part Weight	Part Size
UVS S 300	2.00 lbs	3"
UVS S 400	2.80 lbs	4"
UVS S 500	3.80 lbs	5"
UVS S 600	5.80 lbs	6"
UVS S 800	15.00 lbs	8"

Available with brass or stainless steel stems - consult the factory.

STEEL LUG-TYPE VALVE STUB



Part #	Part Weight	Part Size
UVS SL 300	2.00 lbs	3"
UVS SL 400	2.80 lbs	4"
UVS SL 500	3.80 lbs	5"
UVS SL 600	5.80 lbs	6"

Available with brass or stainless steel stems - consult the factory.

STEEL VALVE STUB W/FIPT



Part #	Part Weight
UVS STF 3002	4.00 lbs
UVS STF 3003	4.50 lbs
UVS STF 4003	5.00 lbs
UVS STF 4004	6.00 lbs
UVS STF 5005	7.00 lbs
UVS STF 6006	8.50 lbs
UVS STF 8008	28.00 lbs
UVS STF 1010	43.00 lbs

Second number designates thread size.

Available with brass or stainless steel stems - consult the factory.

ROUND BACK STEEL

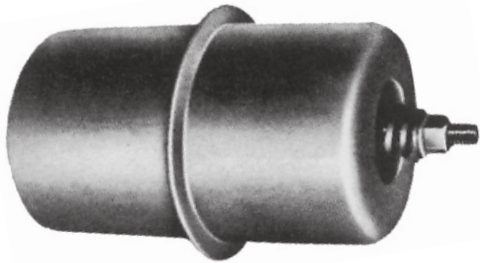


STEEL VALVE STUB W/MIPT

Part #	Part Weight
UVS STM 3002	4.00 lbs
UVS STM 3003	4.50 lbs
UVS STM 4003	5.00 lbs
UVS STM 4004	6.00 lbs
UVS STM 5005	7.50 lbs
UVS STM 6006	9.00 lbs
UVS STM 8008	25.00 lbs

Second number designates thread size.

Available with brass or stainless steel stems - consult the factory.



CIRCLE LOCK SURGE PLUG

Part #	Part Weight	Part Size
SRL SP 400	7.20 lbs	4"
SRL SP 500	7.80 lbs	5"
SRL SP 600	8.60 lbs	6"
SRL SP 700	9.00 lbs	7"
SRL SP 800	11.70 lbs	8"
SRL SP 1000	12.70 lbs	10"

85 psi standard.



SUVEO

STEEL ELBOW OPENER

Part #	Part Weight	Part Size
SUVEO 302	8.00 lbs	3" x 2"
SUVEO 303	8.50 lbs	3" x 3"
SUVEO 403	10.00 lbs	4" x 3"
SUVEO 404	11.00 lbs	4" x 4"
SUVEO 504	13.00 lbs	5" x 4"
SUVEO 505	13.00 lbs	5" x 5"
SUVEO 604	14.00 lbs	6" x 4"
SUVEO 605	14.50 lbs	6" x 5"
SUVEO 606	15.00 lbs	6" x 6"
SUVEO 806	20.00 lbs	8" x 6"
SUVEO 808	23.00 lbs	8" x 8"
SUVEO 108	32.00 lbs	10" x 8"
SUVEO 1010	35.00 lbs	10" x 10"

Outlet adapts to either hook or ringlock style pipe.
3/4" FIPT outlet available upon request.
Available with Ames ABC outlet.



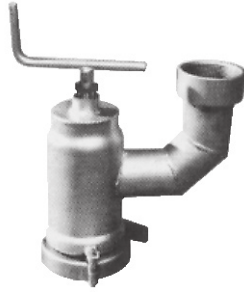
SUVEO-T

STEEL TEE OPENER

Part #	Part Weight	Part Size
SUVEO T 322	9.00 lbs	3" x 2" x 2"
SUVEO T 333	10.00 lbs	3" x 3" x 3"
SUVEO T 433	13.00 lbs	4" x 3" x 3"
SUVEO T 444	14.00 lbs	4" x 4" x 4"
SUVEO T 544	15.00 lbs	5" x 4" x 4"
SUVEO T 555	16.00 lbs	5" x 5" x 5"
SUVEO T 644	17.00 lbs	6" x 4" x 4"
SUVEO T 655	18.00 lbs	6" x 5" x 5"
SUVEO T 666	18.50 lbs	6" x 6" x 6"
SUVEO T 866	20.00 lbs	8" x 6" x 6"
SUVEO T 888	23.00 lbs	8" x 8" x 8"

Outlet adapts to either hook or ringlock style pipe.
3/4" FIPT outlet available upon request.
Available with Ames ABC outlet. .

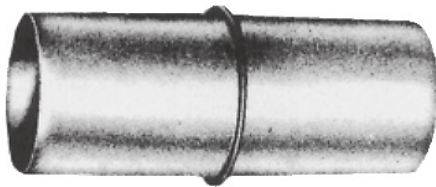
ROUND BACK STEEL



STEEL UNIVERSAL VALVE OPENERS

STEEL GUN STAND OPENER

Part #	Part Weight	Part Size
SUVEO GS 303	8.50 lbs	3" x 3"
SUVEO GS 403	10.00 lbs	4" x 3"



STEEL REPAIR PRESS SLEEVE

Part #	Part Weight	Standard	Long Length
SRS 200	1.8 lbs	✓	✓
SRS 300	2.00 lbs	✓	✓
SRS 400	2.50 lbs	✓	✓
SRS 500	3.50 lbs	✓	✓
SRS 600	4.50 lbs	—	✓
SRS 700	5.50 lbs	—	✓
SRS 800	7.00 lbs	—	✓
SRS 1000	11.00 lbs	—	✓
SRS 1200	12.00 lbs	—	✓

Standard length is 7" on 3", 4" & 5".

Long length is 10", add "-L" to Part # on 3", 4" and 5".

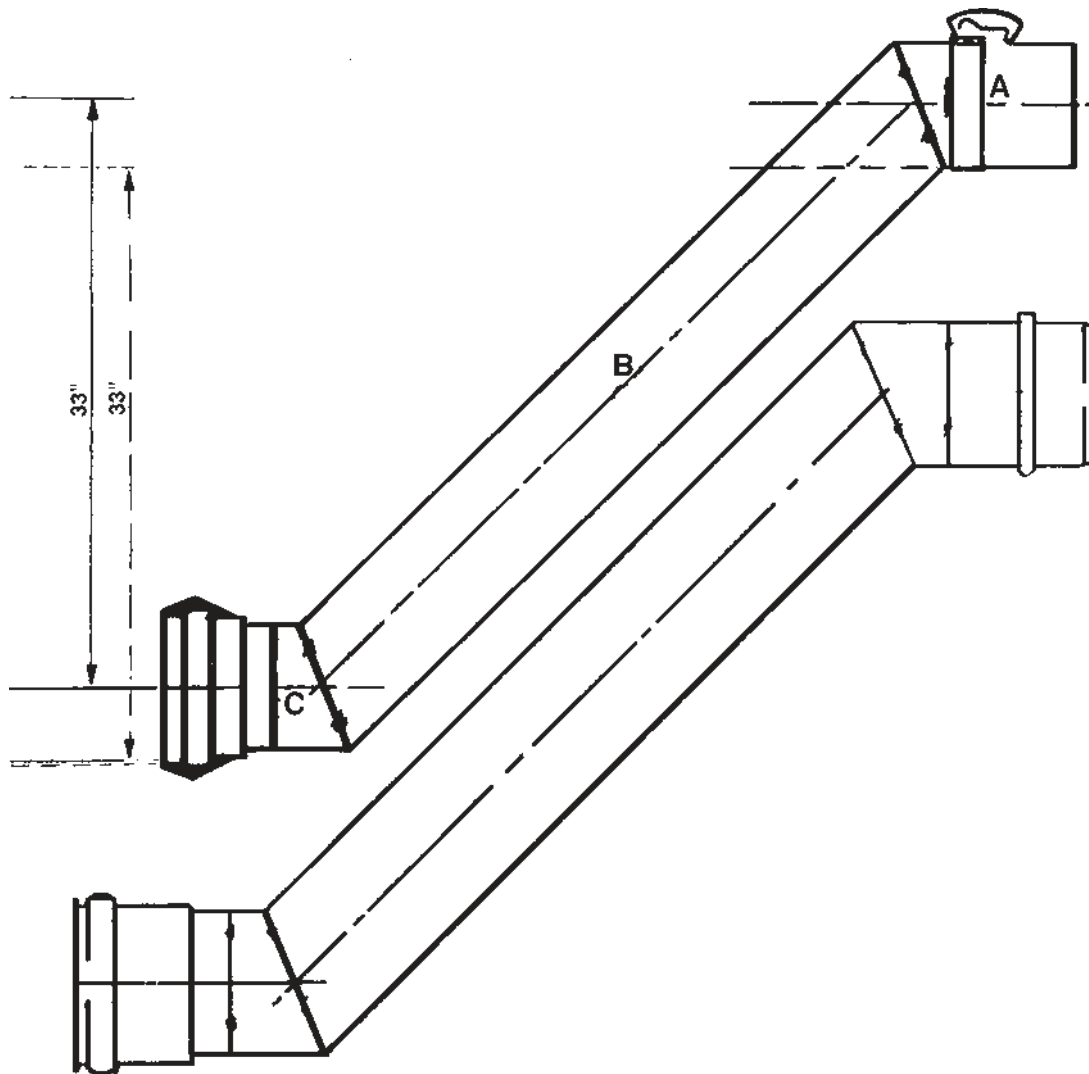
10" long standard on 6" and larger.



STEEL HOSE REPAIR FITTING

Features two hose beads welded back to back - galvanized.

Part #	Part Weight	Part Size
HRC 200	2.20 lbs	2"
HRC 300	3.80 lbs	3"
HRC 400	5.00 lbs	4"
HRC 500	6.30 lbs	5"
HRC 600	7.50 lbs	6"
HRC 800	14.00 lbs	8"
HRC 1000	16.00 lbs	10"



STEEL "Z" DROP GALVANIZED

RINGLOCK

Part #	Part Size
SRL Z 4	4"
SRL Z 5	5"
SRL Z 6	6"
SRL Z 7	7"
SRL Z 8	8"
SRL Z 10	10"
SRL Z 12	12"

BAND AND LATCH

Part #	Part Size
BL Z 4	4"
BL Z 5	5"
BL Z 6	6"
BL Z 7	7"
BL Z 8	8"

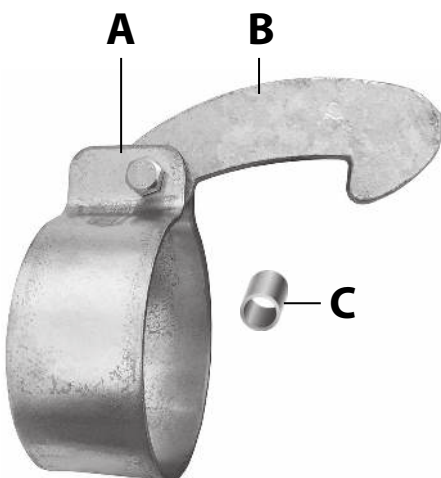
*"Z" drops available in sizes other than shown above.
Consult the factory.*

ROUND BACK STEEL

FULL BAND AND LATCH

Includes nut, bolt and ferrule.

Uses Pierce type hook.



Part #	Part Weight	Part Size
PBL 200	1.00 lbs	2"
PBL 300	1.00 lbs	3"
PBL 400	1.50 lbs	4"
PBL 500	2.00 lbs	5"
PBL 600	2.50 lbs	6"
PBL 700	3.00 lbs	7"
PBL 800	3.00 lbs	8"
PBL 1000	3.50 lbs	10"

(A) FULL BAND ONLY

Part #	Part Weight	Part Size
B 200	0.50 lbs	2"
B 300	0.50 lbs	3"
B 400	0.80 lbs	4"
B 500	1.50 lbs	5"
B 600	1.50 lbs	6"
B 700	2.00 lbs	7"
B 800	2.50 lbs	8"
B 1000	3.00 lbs	10"

(B) OUTSIDE LATCH

Pierce Type Hook

✓

(C) LATCH FERRULE

Ferrule A $\frac{5}{16}$ "

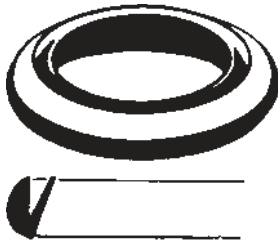
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ROUND BACK GASKETS

Gaskets for Rainway Steel Couplers (interchangeable with Pierce)

NON DRAIN WIDE STYLE



E-3

Part #	Part Size	Strings of 50	Less than 50
E-3 2	2"	✓	✓
E-3 3	3"	✓	✓
E-3 4	4"	✓	✓
E-3 5	5"	✓	✓
E-3 6	6"	✓	✓
E-3 7	7"	✓	✓
E-3 8	8"	✓	✓
E-3 10	10"	✓	✓
E-3 12	12"	✓	✓

WESTERN

Square Back Fittings

WESTERN STEEL LATERAL COUPLER SET GALVANIZED

Includes band and latch assembly with gasket.

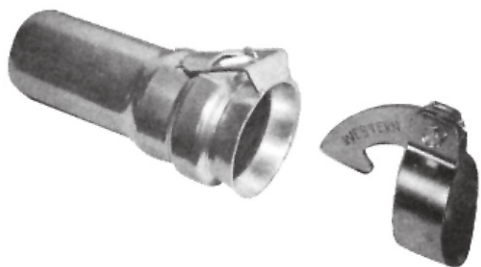


Part #	Part Weight	Part Size
WBLCR 200	3.00 lbs	2"
WBLCR 300	4.50 lbs	3"
WBLCR 400	6.00 lbs	4"

1" outlet standard, 3/4" available upon request.

WESTERN STEEL BAND AND LATCH COUPLER SET – NO OUTLET

Press on steel band and latch Mainline sets galvanized, includes band and latch.



Part #	Part Weight	Part Size
WBLS 200	3.00 lbs	2"
WBLS 300	4.50 lbs	3"
WBLS 400	5.25 lbs	4"
WBLS 500	6.00 lbs	5"
WBLS 600	7.50 lbs	6"
WBLS 700	10.00 lbs	7"
WBLS 800	12.50 lbs	8"

WESTERN STEEL BAND AND LATCH COUPLER SET WITH PAN – NO OUTLET

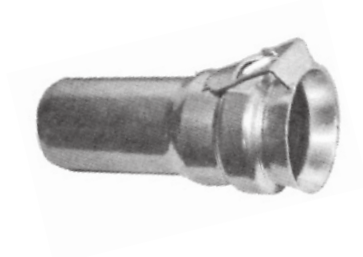


Part #	Part Weight	Part Size
WBLS 200W/PAN	3.00 lbs	2"
WBLS 300W/PAN	4.50 lbs	3"
WBLS 400W/PAN	5.25 lbs	4"
WBLS 500W/PAN	6.00 lbs	5"
WBLS 600W/PAN	7.50 lbs	6"



WESTERN STEEL BAND AND LATCH

Coupler only with gasket galvanized



Part #	Part Weight	Part Size
WS 200	2.00 lbs	2"
WS 300	3.00 lbs	3"
WS 400	4.00 lbs	4"
WS 500	5.00 lbs	5"
WS 600	6.50 lbs	6"
WS 700	8.00 lbs	7"
WS 800	10.00 lbs	8"

WESTERN STEEL BAND AND LATCH

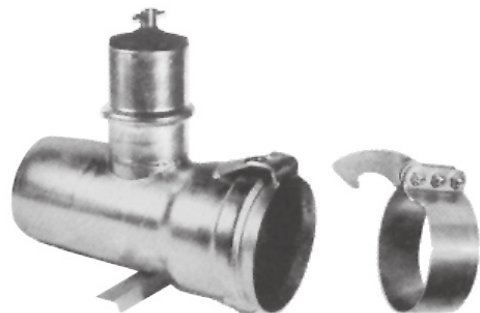
Press-in male only.



Part #	Part Weight	Part Size
WBLSM 200	1.75 lbs	2"
WBLSM 300	2.50 lbs	3"
WBLSM 400	3.50 lbs	4"
WBLSM 500	4.75	5"
WBLSM 600	6.25	6"

WESTERN STEEL BAND AND LATCH PRESS-IN VALVE T SET

*Press-on steel universal valve sets with stabilizer foot.
Includes press-in T, gasket with band and latch.*



Part #	Part Weight	Part Size
WBLSUVT 333	8.00 lbs	3" x 3"
WBLSUVT 444	10.00 lbs	4" x 4"
WBLSUVT 554	12.00 lbs	5" x 4"
WBLSUVT 664	14.00 lbs	6" x 4"
WBLSUVT 774	17.00 lbs	7" x 4"
WBLSUVT 884	20.00 lbs	8" x 4"

For other sizes consult the factory.



WESTERN STEEL BAND & LATCH IN-LINE VALVE T SET

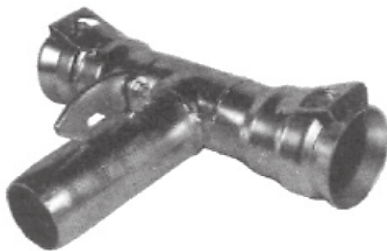
Part #	Part Weight	Part Size
WBLSUVT L 333	9.00 lbs	3" x 3"
WBLSUVT L 444	10.00 lbs	4" x 4"
WBLSUVT L 554	14.00 lbs	5" x 4"
WBLSUVT L 664	18.00 lbs	6" x 4"
WBLSUVT L 774	22.00 lbs	7" x 4"
WBLSUVT L 884	24.00 lbs	8" x 4"



WESTERN STEEL BAND AND LATCH FIELD TEE (LINE TEE)

Part #	Part Weight	Part Size
WBLSFT 200	6.00 lbs	2"
WBLSFT 300	8.00 lbs	3"
WBLSFT 400	12.00 lbs	4"
WBLSFT 500	16.00 lbs	5"
WBLSFT 600	20.00 lbs	6"
WBLSFT 700	25.00 lbs	7"
WBLSFT 800	35.00 lbs	8"

Connects to band and latch mainline for side take-off.



WESTERN STEEL BAND AND LATCH END TEE

Part #	Part Weight	Part Size
WBLSET 200	6.00 lbs	2"
WBLSET 300	8.00 lbs	3"
WBLSET 400	12.00 lbs	4"
WBLSET 500	14.00 lbs	5"
WBLSET 600	18.00 lbs	6"
WBLSET 700	23.00 lbs	7"
WBLSET 800	33.00 lbs	8"

90° take-off both directions - end of line.



22.5 degree same price.

WESTERN STEEL BAND AND LATCH 45 DEGREE ELBOW

Part #	Part Weight	Part Size
WBLSFE 200 45	4.00 lbs	2"
WBLSFE 300 45	5.00 lbs	3"
WBLSFE 400 45	6.00 lbs	4"
WBLSFE 500 45	7.00 lbs	5"
WBLSFE 600 45	8.00 lbs	6"
WBLSFE 700 45	12.00 lbs	7"
WBLSFE 800 45	16.00 lbs	8"

45 degree elbow for band and latch lines.

Sweep elbow 2", 3", 4" mitered elbow 5" and larger.



WESTERN STEEL BAND AND LATCH 90 DEGREE ELBOW

Part #	Part Weight	Part Size
WBLSFE 200	4.00 lbs	2"
WBLSFE 300	5.00 lbs	3"
WBLSFE 400	7.00 lbs	4"
WBLSFE 500	9.00 lbs	5"
WBLSFE 600	10.00 lbs	6"
WBLSFE 700	15.00 lbs	7"
WBLSFE 800	19.00 lbs	8"

90 degree elbow for band and latch lines.

Sweep elbow 2", 3", 4" mitered elbow 5" and larger.



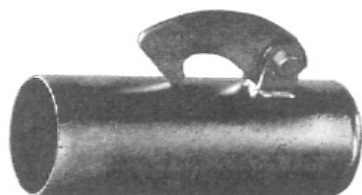
WESTERN STEEL BAND AND LATCH REDUCER

Part #	Part Weight	Part Size
WBLSR 203	4.00 lbs	2" x 3"
WBLSR 304	6.00 lbs	3" x 4"
WBLSR 405	7.00 lbs	4" x 5"
WBLSR 406	9.00 lbs	4" x 6"
WBLSR 506	10.00 lbs	5" x 6"
WBLSR 607	11.50 lbs	6" x 7"
WBLSR 608	13.00 lbs	6" x 8"
WBLSR 708	16.00 lbs	7" x 8"

Increasesers also available – consult the factory.

WESTERN

Square Back Fittings



WESTERN STEEL BAND AND LATCH END PLUGS

Part #	Part Weight	Part Size
WBLSEP 200	2.50 lbs	2"
WBLSEP 300	2.50 lbs	3"
WBLSEP 400	3.50 lbs	4"
WBLSEP 500	4.50 lbs	5"
WBLSEP 600	5.50 lbs	6"
WBLSEP 700	8.00 lbs	7"
WBLSEP 800	10.00 lbs	8"

End plug for band and latch lines.



Band and latch end plugs with threaded outlet.
Male threads available – consult the factory.
Custom sizes available – consult the factory.

WESTERN STEEL FIXED LATCH ADAPTERS WITH OUTLET

Part #	Part Size	Outlet Size
WBLSEP 200 X SHC 150	2"	1 1/2" FIPT
WBLSEP 200 X SHC 200	2"	2" FIPT
WBLSEP 300 X SHC 150	3"	1 1/2" FIPT
WBLSEP 300 X SHC 200	3"	2" FIPT
WBLSEP 300 X SHC 300	3"	3" FIPT
WBLSEP 400 X SHC 150	4"	1 1/2" FIPT
WBLSEP 400 X SHC 200	4"	2" FIPT
WBLSEP 400 X SHC 300	4"	3" FIPT



Custom sizes available - consult the factory.

WESTERN STEEL SWIVEL BAND & LATCH ADAPTERS WITH OUTLET

Part #	Part Size	Outlet Size
WSBLA 300 X SHC 150	3"	1 1/2" FIPT
WSBLA 300 X SNA 150	3"	1 1/2" MIPT
WSBLA 300 X SHC 200	3"	2" FIPT
WSBLA 300 X SNA 200	3"	2" MIPT
WSBLA 300 X SHC 300	3"	3" FIPT
WSBLA 300 X SNA 300	3"	3" MIPT
WSBLA 400 X SHC 150	4"	1 1/2" FIPT
WSBLA 400 X SNA 150	4"	1 1/2" MIPT
WSBLA 400 X SHC 200	4"	2" FIPT
WSBLA 400 X SNA 200	4"	2" MIPT
WSBLA 400 X SHC 300	4"	3" FIPT
WSBLA 400 X SNA 300	4"	3" MIPT



WESTERN STEEL HOSE ENDS RAISED BEAD BAND & LATCH MALE



Part #	Part Weight	Part Size
WBLSHM 200	1.90 lbs	2"
WBLSHM 300	3.30 lbs	3"
WBLSHM 400	4.30 lbs	4"
WBLSHM 500	5.40 lbs	5"
WBLSHM 600	6.50 lbs	6"
WBLSHM 800	8.50 lbs	8"

BAND & LATCH FEMALE



Part #	Part Weight	Part Size
WBLSHF 200	2.60 lbs	2"
WBLSHF 300	4.50 lbs	3"
WBLSHF 400	6.00 lbs	4"
WBLSHF 500	7.50 lbs	5"
WBLSHF 600	9.00 lbs	6"
WBLSHF 800	10.50 lbs	8"

*Steel knob style available for female hose at an additional price.
Reducing hose adapters available - consult the factory.*

STEEL PRESS-IN CENTER OUTLET



Part #	Part Weight
PCR 300 B	3.50 lbs
PCR 400 B	4.00 lbs

*Idaho foot style.
Reinforcing bridge standard.
Presses into aluminum tubing sections to provide sprinkler outlet.*

STEEL CENTER RISER - 1" FIPT OUTLET

Press-on available — see Steel Section.



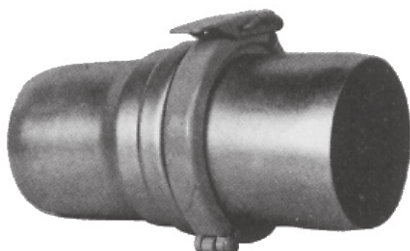
Installs on section of lateral
to provide sprinkler outlet.

Part #	Part Weight	Part Size
SCR 300	3.00 lbs	3"
SCR 400	4.00 lbs	4"
202885	0.10 lbs	O RING

Includes stabilizer foot.

WESTERN

Square Back Fittings



Hold bands recommended.

WESTERN STEEL RING LOCK MAINLINE COUPLER SET, GALVANIZED

Part #	Part Weight	Part Size
WSRL 300	5.00 lbs	3"
WSRL 400	6.50 lbs	4"
WSRL 500	9.00 lbs	5"
WSRL 600	10.00 lbs	6"
WSRL 700	13.00 lbs	7"
WSRL 800	17.50 lbs	8"
WSRL 1000	25.00 lbs	10"
WSRL 1200	31.00 lbs	12"

Includes press-in female, male, gasket and clamp.

HOLD BANDS

STEEL



Part #	Part Weight (per 100)	Part Size
SHB 5	38.00 lbs	5"
SHB 6 *	50.00 lbs	6"
SHB 8 *	75.00 lbs	8"
SHB 1000 *	88.00 lbs	10"
SHB 1200 *	100.00 lbs	12"

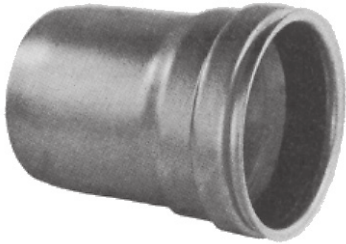
** 6" and larger spot welded strap style.*

ALUMINUM

Part #	Part Weight (per 100)	Part Size
HB 300	—	3"
HB 400	13.00 lbs	4"
HB 500	16.00 lbs	5"
HB 600	19.00 lbs	6"
HB 800	44.00 lbs	8"
HB 1000	63.00 lbs	10"



WESTERN STEEL RING LOCK FEMALE COUPLER - GALVANIZED



Part #	Part Weight	Part Size
WSRL F 300	2.00 lbs	3"
WSRL F 400	2.50 lbs	4"
WSRL F 500	3.50 lbs	5"
WSRL F 600	4.00 lbs	6"
WSRL F 700	5.50 lbs	7"
WSRL F 800	8.00 lbs	8"
WSRL F 1000	10.50 lbs	10"
WSRL F 1200	15.00 lbs	12"

Press-in female, includes gasket.



*Wide ring male available – same price.
Must be specified on every fitting.
Example: SRL M 600 WR*

WESTERN STEEL RING LOCK MALE COUPLER - GALVANIZED

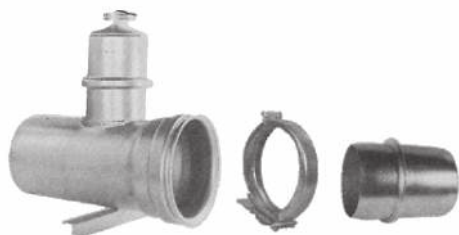
Part #	Part Weight	Part Size
WSRL M 300	2.00 lbs	3"
WSRL M 400	2.50 lbs	4"
WSRL M 500	3.50 lbs	5"
WSRL M 600	4.00 lbs	6"
WSRL M 700	5.00 lbs	7"
WSRL M 800	7.00 lbs	8"
WSRL M 1000	11.00 lbs	10"
WSRL M 1200	14.00 lbs	12"

Press-in male coupler.

WESTERN STEEL UNIVERSAL RING LOCK IN LINE VALVE TEE



Part #	Part Weight	Part Size
WSRLUVT L 444	11.00 lbs	4" x 4"
WSRLUVT L 554	12.00 lbs	5" x 4"
WSRLUVT L 664	21.00 lbs	6" x 4"
WSRLUVT L 774	26.00 lbs	7" x 4"
WSRLUVT L 884	29.00 lbs	8" x 4"
WSRLUVT L 10104	33.00 lbs	10" x 4"
WSRLUVT L 12124	43.00 lbs	12" x 4"



Hold bands recommended.

WESTERN STEEL UNIVERSAL RING LOCK VALVE TEE SET

Part #	Part Weight	Part Size
WSRLUVT 333	14.00 lbs	3" x 3"
WSRLUVT 444	17.00 lbs	4" x 4"
WSRLUVT 554	21.00 lbs	5" x 4"
WSRLUVT 664	23.00 lbs	6" x 4"
WSRLUVT 774	30.00 lbs	7" x 4"
WSRLUVT 884	35.00 lbs	8" x 4"
WSRLUVT 10104	50.00 lbs	10" x 4"
WSRLUVT 12124	52.00 lbs	12" x 4"

Press-in valve T, male press in end gasket and clamp.

HIGH PRESSURE RING LOCK CLAMP



Part #	Part Weight	Part Size	Box Qty.
WHPRLC 300	1.40 lbs	3"	300
WHPRLC 400	1.60 lbs	4"	200
WHPRLC 500	1.80 lbs	5"	175
WHPRLC 600	2.00 lbs	6"	125
WHPRLC 700	2.25 lbs	7"	125
WHPRLC 800	2.50 lbs	8"	100
WHPRLC 1000	3.50 lbs	10"	80
WHPRLC 1000 S *	3.50 lbs	10"	80
WHPRLC 1200	5.25 lbs	12"	75
WHPRLC 1200 S *	5.25 lbs	12"	75

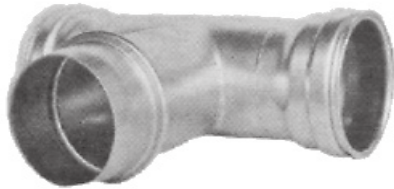
Fits steel only.



WESTERN STEEL RING LOCK FIELD T

Part #	Part Weight	Part Size
WSRLFT 300	8.00 lbs	3"
WSRLFT 400	9.00 lbs	4"
WSRLFT 500	12.00 lbs	5"
WSRLFT 600	13.00 lbs	6"
WSRLFT 700	15.00 lbs	7"
WSRLFT 800	20.00 lbs	8"
WSRLFT 1000	33.00 lbs	10"
WSRLFT 1200	44.00 lbs	12"

Couples to mainline for side outlet take off.



WESTERN STEEL RING LOCK END T

Part #	Part Weight	Part Size
WSRLET 300	8.00 lbs	3"
WSRLET 400	9.00 lbs	4"
WSRLET 500	12.00 lbs	5"
WSRLET 600	13.00 lbs	6"
WSRLET 700	15.00 lbs	7"
WSRLET 800	21.00 lbs	8"
WSRLET 1000	34.00 lbs	10"
WSRLET 1200	44.00 lbs	12"

Galvanized, 90 degree take off both directions.



22.5 degree same price.

WESTERN STEEL RING LOCK FITTINGS 45 DEGREE ELBOW

Part #	Part Weight	Part Size
WSRLFE 300 45	5.00 lbs	3"
WSRLFE 400 45	6.00 lbs	4"
WSRLFE 500 45	7.00 lbs	5"
WSRLFE 600 45	9.00 lbs	6"
WSRLFE 700 45	13.00 lbs	7"
WSRLFE 800 45	16.00 lbs	8"
WSRLFE 1000 45	19.00 lbs	10"
WSRLFE 1200 45	26.00 lbs	12"

3" and 4" are sweep elbows. 5" and larger are mitered elbows.



WESTERN STEEL RING LOCK FITTINGS 90 DEGREE ELBOW

Part #	Part Weight	Part Size
WSRLFE 300	6.00 lbs	3"
WSRLFE 400	7.00 lbs	4"
WSRLFE 500	8.00 lbs	5"
WSRLFE 600	11.00 lbs	6"
WSRLFE 700	16.00 lbs	7"
WSRLFE 800	18.00 lbs	8"
WSRLFE 1000	22.00 lbs	10"
WSRLFE 1200	30.00 lbs	12"

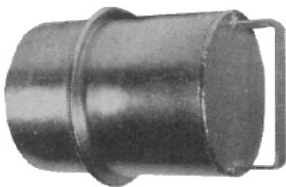
3" and 4" are sweep elbows. 5" and larger are mitered elbows.



WESTERN STEEL RING LOCK REDUCER

Part #	Part Weight	Part Size
WSRLR 304	4.00 lbs	4" x 3"
WSRLR 306	5.00 lbs	6" x 3"
WSRLR 405	5.00 lbs	5" x 4"
WSRLR 506	6.00 lbs	5" x 6"
WSRLR 406	7.00 lbs	4" x 6"
WSRLR 607	8.00 lbs	6" x 7"
WSRLR 408	8.00 lbs	4" x 8"
WSRLR 608	10.00 lbs	6" x 8"
WSRLR 610	14.00 lbs	6" x 10"
WSRLR 708	12.00 lbs	7" x 8"
WSRLR 810	15.00 lbs	8" x 10"
WSRLR 1012	19.00 lbs	10" x 12"

Increases and other sizes also available. Consult the factory.



Female end cap available – same price
Example: WSRLFEP600

WESTERN STEEL RING LOCK END PLUG

Part #	Part Weight	Part Size
WSRLEP300	3.00 lbs	3"
WSRLEP400	3.75 lbs	4"
WSRLEP500	4.50 lbs	5"
WSRLEP600	5.00 lbs	6"
WSRLEP700	6.00 lbs	7"
WSRLEP800	7.00 lbs	8"
WSRLEP1000	13.00 lbs	10"
WSRLEP1200	17.00 lbs	12"

WESTERN STEEL HOSE ENDS RAISED BEAD

RING LOCK MALE



Part #	Part Weight	Part Size
WSRLHM 300	3.40 lbs	3"
WSRLHM 400	4.00 lbs	4"
WSRLHM 500	5.00 lbs	5"
WSRLHM 600	7.00 lbs	6"
WSRLHM 800	11.00 lbs	8"
WSRLHM 1000	15.00 lbs	10"
WSRLHM 1200	18.00 lbs	12"

RING LOCK FEMALE



Part #	Part Weight	Part Size
WSRLHF 300	3.40 lbs	3"
WSRLHF 400	4.50 lbs	4"
WSRLHF 500	5.60 lbs	5"
WSRLHF 600	6.50 lbs	6"
WSRLHF 800	10.50 lbs	8"
WSRLHF 1000	14.50 lbs	10"
WSRLHF 1200	17.50 lbs	12"



WESTERN STEEL STARTER COUPLERS WITH HOOK BOSS

BLACK



Part #	Part Size	14GA	12GA	10GA
WSCB HB 200	2"	✓	—	—
WSCB HB 300	3"	✓	—	—
WSCB HB 400	4"	✓	✓	✓
WSCB HB 500	5"	✓	✓	✓
WSCB HB 600	6"	✓	✓	✓
WSCB HB 700	7"	✓	—	—
WSCB HB 800	8"	—	✓	✓
WSCB HB 1000	10"	—	✓	✓

Specify gauge after part number. **Example:** WSCB HB 600-10GA

GALVANIZED

Part #	Part Size	14GA	12GA	10GA
WSCG HB 200	2"	✓	—	—
WSCG HB 300	3"	✓	—	—
WSCG HB 400	4"	✓	✓	✓
WSCG HB 500	5"	✓	✓	✓
WSCG HB 600	6"	✓	✓	✓
WSCG HB 700	7"	✓	—	—
WSCG HB 800	8"	—	✓	✓
WSCG HB 1000	10"	—	✓	✓

Specify gauge after part number. **Example:** WSCG HB 600-10GA

Ring Lock starter couplers available - see Ring Lock section.

WESTERN STEEL BAND AND LATCH DISCHARGE ADAPTER



Part #	Part Weight	Part Size
WBLSDA 203	3.00 lbs	2" x 3"
WBLSDA 303	4.00 lbs	3" x 3"
WBLSDA 304	5.00 lbs	3" x 4"
WBLSDA 404	6.00 lbs	4" x 4"
WBLSDA 405	7.00 lbs	4" x 5"
WBLSDA 406	9.00 lbs	4" x 6"
WBLSDA 407	11.00 lbs	4" x 7"
WBLSDA 505	7.00 lbs	5" x 5"
WBLSDA 506	9.00 lbs	5" x 6"
WBLSDA 507	12.00 lbs	5" x 7"
WBLSDA 508	14.00 lbs	5" x 8"
WBLSDA 606	15.00 lbs	6" x 6"
WBLSDA 607	16.00 lbs	6" x 7"
WBLSDA 608	17.00 lbs	6" x 8"

Available with flange. **Example:** WBLSDA 406 FL – same price.
Other sizes available upon request.



Connects pump to ringlock mainline.



Available with flange, add "FL" to end of part number - same price.

WESTERN STEEL RING LOCK DISCHARGE ADAPTER

Part #	Part Weight	Part Size
WSRLDA 404	7.00 lbs	4" x 4"
WSRLDA 405	8.00 lbs	4" x 5"
WSRLDA 406	10.00 lbs	4" x 6"
WSRLDA 505	9.00 lbs	5" x 5"
WSRLDA 506	10.00 lbs	5" x 6"
WSRLDA 508	14.00 lbs	5" x 8"
WSRLDA 606	15.00 lbs	6" x 6"
WSRLDA 608	16.00 lbs	6" x 8"
WSRLDA 610	20.00 lbs	6" x 10"
WSRLDA 808	17.00 lbs	8" x 8"
WSRLDA 810	22.00 lbs	8" x 10"

STEEL SUCTION ADAPTER

Part #	Part Weight	Part Size
WSSA 2002	—	2" x 2"
WSSA 2004	—	2" x 4"
WSSA 3003	4.00 lbs	3" x 3"
WSSA 3004	4.00 lbs	3" x 4"
WSSA 4004	5.00 lbs	4" x 4"
WSSA 4005	7.00 lbs	4" x 5"
WSSA 4006	8.00 lbs	4" x 6"
WSSA 4007	10.00 lbs	4" x 7"
WSSA 5005	8.00 lbs	5" x 5"
WSSA 5006	9.00 lbs	5" x 6"
WSSA 5007	10.00 lbs	5" x 7"
WSSA 5008	12.00 lbs	5" x 8"
WSSA 6006	13.00 lbs	6" x 6"
WSSA 6007	14.00 lbs	6" x 7"
WSSA 6008	16.00 lbs	6" x 8"
WSSA 8008	17.00 lbs	8" x 8"



Connects pump to suction line.

- Add 3/4" or 1" FIPT
- Other sizes available upon request.



Available with flange, add "FL" to end of part number - same price.

WESTERN

Square Back Fittings

WESTERN STEEL STARTER COUPLERS - FEMALE

BLACK



Part #	Part Size	14GA	12GA	10GA
WSCB 200	2"	✓	—	—
WSCB 300	3"	✓	—	—
WSCB 400	4"	✓	✓	✓
WSCB 500	5"	✓	✓	✓
WSCB 600	6"	✓	✓	✓
WSCB 700	7"	✓	—	—
WSCB 800	8"	—	✓	✓
WSCB 1000	10"	—	✓	✓
WSCB 1200	12"	—	✓	✓

Specify gauge after part number. **Example:** WSCB 600 10GA

Hook Boss couples available – see band and latch section.

GALVANIZED

Part #	Part Size	14GA	12GA	10GA
WSCG 200	2"	✓	—	—
WSCG 300	3"	✓	—	—
WSCG 400	4"	✓	✓	✓
WSCG 500	5"	✓	✓	✓
WSCG 600	6"	✓	✓	✓
WSCG 700	7"	✓	—	—
WSCG 800	8"	—	✓	✓
WSCG 1000	10"	—	✓	✓
WSCG 1200	12"	—	✓	✓

Specify gauge after part number. **Example:** WSCG 600 10GA

Hook Boss couples available – see band and latch section.



WESTERN STEEL STARTER COUPLERS-MALE BLACK



Part #	Part Size	14GA	12GA	10GA
WSCB M 300	3"	✓	—	—
WSCB M 400	4"	✓	✓	✓
WSCB M 500	5"	✓	✓	✓
WSCB M 600	6"	✓	✓	✓
WSCB M 700	7"	✓	—	—
WSCB M 800	8"	—	✓	✓
WSCB M 1000	10"	—	✓	✓
WSCB M 1200	12"	—	✓	✓

Specify gauge after part number. **Example:** WSCB M 600 10GA

Wide Ring Male Available, must be specified on every fitting required - Same Price
Denote - WR after part number.

GALVANIZED

Part #	Part Size	14GA	12GA	10GA
WSCG M 300	3"	✓	—	—
WSCG M 400	4"	✓	✓	✓
WSCG M 500	5"	✓	✓	✓
WSCG M 600	6"	✓	✓	✓
WSCG M 700	7"	✓	—	—
WSCG M 800	8"	—	✓	✓
WSCG M 1000	10"	—	✓	✓
WSCG M 1200	12"	—	✓	✓

Specify gauge after part number. **Example:** WSCG M 600 10GA

Wide Ring Male Available, must be specified on every fitting required - same price.
Denote - WR after part number.

WESTERN STEEL STARTER DEEP AND EXTRA DEEP PUNCH

DEEP PUNCH STARTER COUPLER



Part #	Part Weight	Part Size	Punch Depth	Oal
WSCB 300 D	1.80 lbs	3"	6"	9.25"
WSCB 400 D	2.60 lbs	4"	6"	9.25"
WSCB 500 D	3.40 lbs	5"	6"	9.25"
WSCB 600 D	3.60 lbs	6"	6"	9.25"
*SCB 700 D	5.60 lbs	7"	6"	9.25"
*SCB 800 D	6.60 lbs	8"	6"	9.25"
*SCB 1000 D	8.40 lbs	10"	6"	9.25"
*SCB 1200 D	10.70 lbs	12"	6"	9.25"

* Available in round back gasket only.

EXTRA DEEP PUNCH STARTER COUPLER



Part #	Part Weight	Part Size	Punch Depth	Oal
WSCB 400 ED	3.00 lbs	4"	7.50"	11.00"
*SCB 500 ED	3.70 lbs	5"	8.00"	11.00"
*SCB 600 ED	4.60 lbs	6"	8.75"	12.00"
*SCB 800 ED	11.00 lbs	8"	11.00"	15.25"
*SCB 1000 ED	13.20 lbs	10"	11.00"	15.25"
*SCB 1200 ED	15.80 lbs	12"	11.00"	15.25"

* Available in round back gasket only.



STEEL UNIVERSAL VALVE STUB

Part #	Part Weight	Part Size
UVS S 300	2.00 lbs	3"
UVS S 400	2.80 lbs	4"
UVS S 500	3.80 lbs	5"
UVS S 600	5.80 lbs	6"
UVS S 800	15.00 lbs	8"

Available with brass or stainless steel stems - consult the factory.



STEEL LUG-TYPE VALVE STUB

Part #	Part Weight	Part Size
UVS SL 300	2.00 lbs	3"
UVS SL 400	2.80 lbs	4"
UVS SL 500	3.80 lbs	5"
UVS SL 600	5.80 lbs	6"

Available with brass or stainless steel stems - consult the factory.



STEEL VALVE STUB W/FIPT

Part #	Part Weight
UVS STF 3002	4.00 lbs
UVS STF 3003	4.50 lbs
UVS STF 4003	5.00 lbs
UVS STF 4004	6.00 lbs
UVS STF 5005	7.00 lbs
UVS STF 6006	8.50 lbs
UVS STF 8008	28.00 lbs
UVS STF 1010	43.00 lbs

Second number designates thread size.

Available with brass or stainless steel stems - consult the factory.

WESTERN

Square Back Fittings

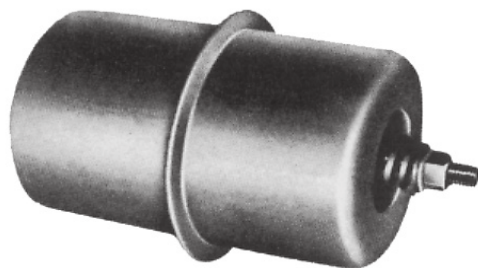


STEEL VALVE STUB W/MIPT

Part #	Part Weight
UVS STM 3002	4.00 lbs
UVS STM 3003	4.50 lbs
UVS STM 4003	5.00 lbs
UVS STM 4004	6.00 lbs
UVS STM 5005	7.50 lbs
UVS STM 6006	9.00 lbs
UVS STM 8008	25.00 lbs

Second number designates thread size.

Available with brass or stainless steel stems – consult the factory.



CIRCLE LOCK SURGE PLUG

Part #	Part Weight	Part Size
SRL SP 400	7.20 lbs	4"
SRL SP 500	7.80 lbs	5"
SRL SP 600	8.60 lbs	6"
SRL SP 700	9.00 lbs	7"
SRL SP 800	11.70 lbs	8"
SRL SP 1000	12.70 lbs	10"

85 psi standard.



WSUVEO

STEEL ELBOW OPENER

Part #	Part Weight	Part Size
WSUVEO 302	8.00 lbs	3" x 2"
WSUVEO 303	8.50 lbs	3" x 3"
WSUVEO 403	10.00 lbs	4" x 3"
WSUVEO 404	11.00 lbs	4" x 4"
SUVEO 504 *	13.00 lbs	5" x 4"
SUVEO 505 *	13.00 lbs	5" x 5"
SUVEO 604 *	14.00 lbs	6" x 4"
SUVEO 605 *	14.50 lbs	6" x 5"
SUVEO 606 *	15.00 lbs	6" x 6"
SUVEO 806 *	20.00 lbs	8" x 6"
SUVEO 808 *	23.00 lbs	8" x 8"
SUVEO 108 *	32.00 lbs	10" x 8"
SUVEO 1010 *	35.00 lbs	10" x 10"

3/4" FIPT outlet available upon request.

Available with Ames ABC outlet. * Available in round back gasket only.

STEEL TEE OPENER

Part #	Part Weight	Part Size
WSUVEO T 322	9.00 lbs	3" x 2" x 2"
WSUVEO T 333	10.00 lbs	3" x 3" x 3"
WSUVEO T 433	13.00 lbs	4" x 3" x 3"
WSUVEO T 444	14.00 lbs	4" x 4" x 4"
SUVEO T 544 *	15.00 lbs	5" x 4" x 4"
SUVEO T 555 *	16.00 lbs	5" x 5" x 5"
SUVEO T 644 *	17.00 lbs	6" x 4" x 4"
SUVEO T 655 *	18.00 lbs	6" x 5" x 5"
SUVEO T 666 *	18.50 lbs	6" x 6" x 6"
SUVEO T 866 *	20.00 lbs	8" x 6" x 6"
SUVEO T 888 *	23.00 lbs	8" x 8" x 8"

3/4" FIPT outlet available upon request.

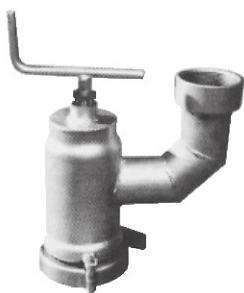
Available with Ames ABC outlet. * Available in round back gasket only.



WSUVEO-T

WESTERN

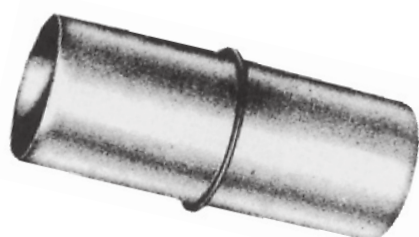
Square Back Fittings



STEEL UNIVERSAL VALVE OPENERS

STEEL GUN STAND OPENER

Part #	Part Weight	Part Size
SUVEO GS 303	8.50 lbs	3" x 3"
SUVEO-GS403	10.00 lbs	4" x 3"



STEEL REPAIR PRESS SLEEVE

Part #	Part Weight	Standard	Long Length
SRS 200	1.8 lbs	✓	✓
SRS 300	2.00 lbs	✓	✓
SRS 400	2.50 lbs	✓	✓
SRS 500	3.50 lbs	✓	✓
SRS 600	4.50 lbs	—	✓
SRS 700	5.50 lbs	—	✓
SRS 800	7.00 lbs	—	✓
SRS 1000	11.00 lbs	—	✓
SRS 1200	12.00 lbs	—	✓

Standard length is 7" on 3", 4" & 5".

Long length is 10", add "L" to Part # on 3", 4" and 5".

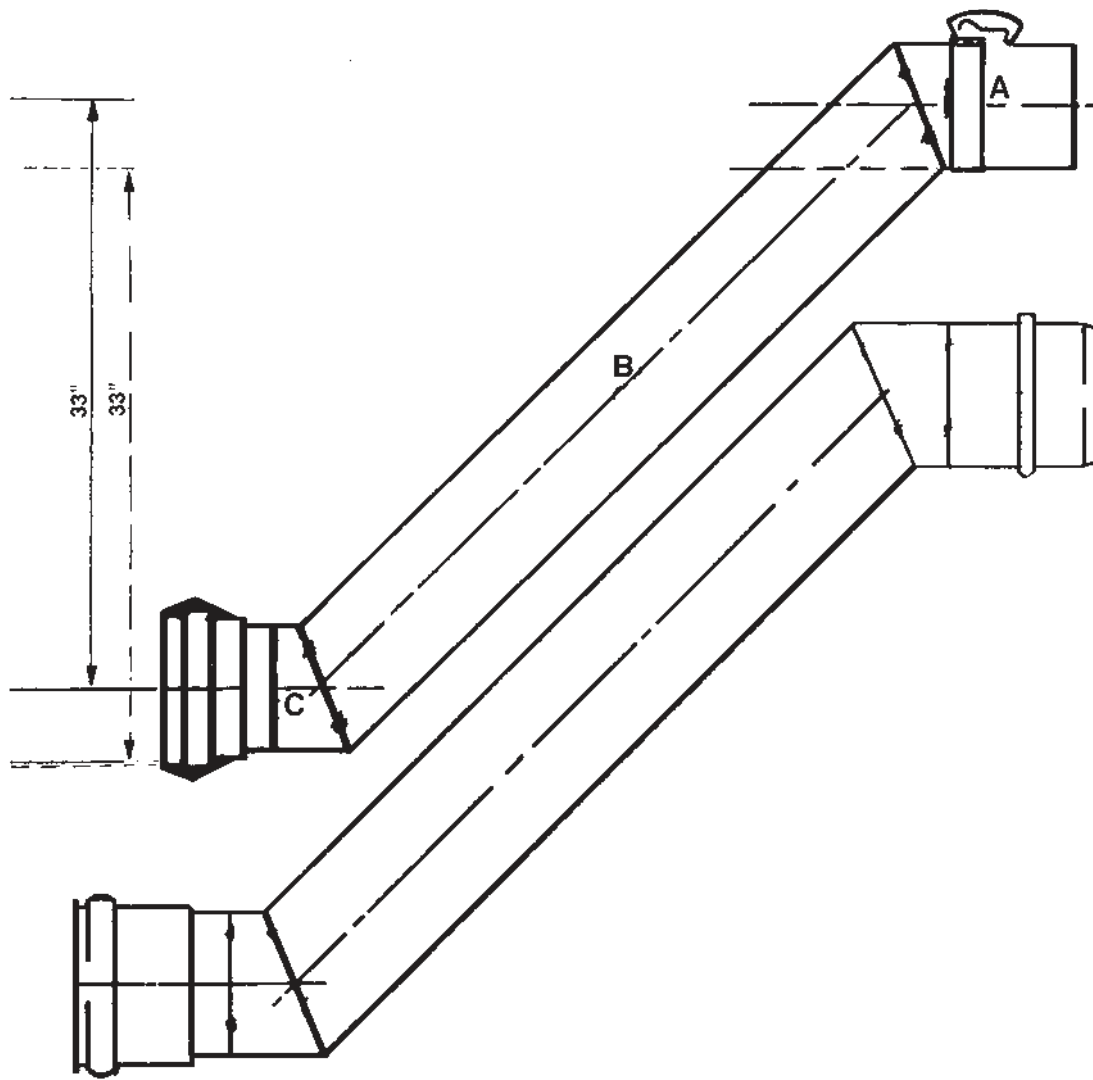
10" long standard on 6" and larger

STEEL HOSE REPAIR FITTING

Features two hose beads welded back to back – Galvanized



Part #	Part Weight	Part Size
HRC 200	2.20 lbs	2"
HRC 300	3.80 lbs	3"
HRC 400	5.00 lbs	4"
HRC 500	6.30 lbs	5"
HRC 600	7.50 lbs	6"
HRC 800	14.00 lbs	8"
HRC 1000	16.00 lbs	10"



STEEL "Z" DROP GALVANIZED

RINGLOCK

Part #	Part Size
WSRL Z 4	4"
WSRL Z 5	5"
WSRL Z 6	6"
WSRL Z 7	7"
WSRL Z 8	8"
WSRL Z 10	10"
WSRL Z 12	12"

BAND AND LATCH

Part #	Part Size
WBL Z 4	4"
WBL Z 5	5"
WBL Z 6	6"
WBL Z 7	7"
WBL Z 8	8"

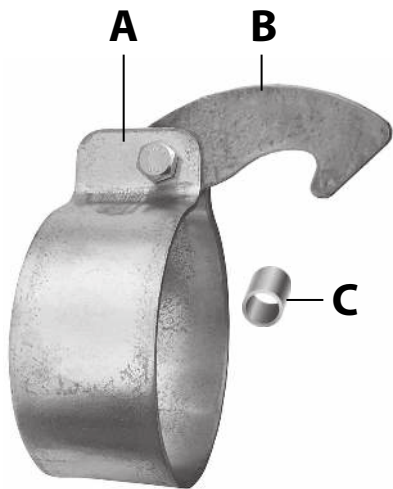
*"Z" drops available in sizes other than shown above.
Consult the factory.*

WESTERN

Square Back Fittings

FULL BAND AND LATCH

Includes nut, bolt and ferrule.
Uses Western hook.



Part #	Part Weight	Part Size
WBL 2	1.00 lbs	2"
WBL 3	1.00 lbs	3"
WBL 4	1.50 lbs	4"
WBL 5	2.00 lbs	5"
WBL 6	2.50 lbs	6"
WBL 7	3.00 lbs	7"
WBL 8	3.00 lbs	8"
WBL 10	3.50 lbs	10"

(A) FULL BAND ONLY

Part #	Part Weight	Part Size
B 200	0.50 lbs	2"
B 300	0.50 lbs	3"
B 400	0.80 lbs	4"
B 500	1.50 lbs	5"
B 600	1.50 lbs	6"
B 700	2.00 lbs	7"
B 800	2.50 lbs	8"
B 1000	3.00 lbs	10"

(B) OUTSIDE LATCH

Western Type Hook

✓

(C) LATCH FERRULE

Ferrule A $\frac{5}{16}$ "

✓



WESTERN SQUARE BACK GASKETS

NON DRAIN



Part #	Part Size	Strings of 50	Less than 50
--------	-----------	---------------	--------------

G 28	2"	✓	✓
G 38	3"	✓	✓
G 48	4"	✓	✓
G 58	5"	✓	✓
G 68	6"	✓	✓
G 78	7"	✓	✓
G 88	8"	✓	✓
G 108	10"	✓	✓
G 128	12"	✓	✓

DRAIN

Part #	Part Size	Strings of 50	Less than 50
--------	-----------	---------------	--------------

G 39	3"	✓	✓
G 49	4"	✓	✓

WE OFFER ROUND BACK PIERCE
TYPE UNDERGROUND FITTINGS AS
WELL AS SQUARE BACK GHEEN TYPE
UNDERGROUND FITTINGS IN EPOXY,
GALVANIZED OR BLACK STEEL.

CUSTOM FABRICATIONS AVAILABLE - CALL FACTORY

PIPE DIMENSIONS

IPS Sizes: 4 = 4.500 5=5.563 6=6.625 8=8.625 10=10.750 12=12.750

PIP Sizes: 6=6.14 8=8.16 10=10.20 12=12.24



ROUND BACK GASKET

STARTER COUPLER (WELD ON)

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS SC 4	3.00 lbs	4"
IPS SC 5	4.00 lbs	5"
IPS SC 6	6.00 lbs	6"
IPS SC 8	8.00 lbs	8"
IPS SC 10	11.00 lbs	10"
IPS SC 12	13.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP SC 6	6.00 lbs	6"
PIP SC 8	8.00 lbs	8"
PIP SC 10	11.00 lbs	10"
PIP SC 12	13.00 lbs	12"
PIP SC 15	14.00 lbs	15"



REPAIR COUPLER

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS RC 4	7.00 lbs	4"
IPS RC 5	9.00 lbs	5"
IPS RC 6	13.00 lbs	6"
IPS RC 8	17.00 lbs	8"
IPS RC 10	21.00 lbs	10"
IPS RC 12	24.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP RC 6	13.00 lbs	6"
PIP RC 8	17.00 lbs	8"
PIP RC 10	21.00 lbs	10"
PIP RC 12	24.00 lbs	12"
PIP RC 15	50.00 lbs	15"

Standard Length is 18".



FLANGE ADAPTER

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS 4004 FL	8.00 lbs	4"
IPS 5005 FL	10.00 lbs	5"
IPS 6006 FL	15.00 lbs	6"
IPS 8008 FL	21.00 lbs	8"
IPS 1010 FL	28.00 lbs	10"
IPS 1212 FL	37.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP 6006 FL	15.00 lbs	6"
PIP 8008 FL	21.00 lbs	8"
PIP 1010 FL	28.00 lbs	10"
PIP 1212 FL	27.00 lbs	12"
PIP 1515 FL	50.00 lbs	15"

15" priced with either 14" or 16" flange.

SQUARE BACK GASKET

STARTER COUPLER (WELD ON)



IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS SC 4	3.00 lbs	4"
SQB IPS SC 5	4.00 lbs	5"
SQB IPS SC 6	6.00 lbs	6"
SQB IPS SC 8	8.00 lbs	8"
SQB IPS SC 10	11.00 lbs	10"
SQB IPS SC 12	13.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP SC 6	6.00 lbs	6"
SQB PIP SC 8	8.00 lbs	8"
SQB PIP SC 10	11.00 lbs	10"
SQB PIP SC 12	13.00 lbs	12"
SQB PIP SC 15	14.00 lbs	15"

REPAIR COUPLER

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS RC 4	7.00 lbs	4"
SQB IPS RC 5	9.00 lbs	5"
SQB IPS RC 6	13.00 lbs	6"
SQB IPS RC 8	17.00 lbs	8"
SQB IPS RC 10	21.00 lbs	10"
SQB IPS RC 12	24.00 lbs	12"



PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP RC 6	13.00 lbs	6"
SQB PIP RC 8	17.00 lbs	8"
SQB PIP RC 10	21.00 lbs	10"
SQB PIP RC 12	24.00 lbs	12"
SQB PIP RC 15	50.00 lbs	15"

Standard Length is 18".

FLANGE ADAPTER

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS 4004 FL	8.00 lbs	4"
SQB IPS 5005 FL	10.00 lbs	5"
SQB IPS 6006 FL	15.00 lbs	6"
SQB IPS 8008 FL	21.00 lbs	8"
SQB IPS 1010 FL	28.00 lbs	10"
SQB IPS 1212 FL	37.00 lbs	12"



PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP 6006 FL	15.00 lbs	6"
SQB PIP 8008 FL	21.00 lbs	8"
SQB PIP 1010 FL	28.00 lbs	10"
SQB PIP 1212 FL	27.00 lbs	12"
SQB PIP 1515 FL	50.00 lbs	15"

15" priced with either 14" or 16" flange.



ROUND BACK GASKET

90 DEGREE ELBOW

When ordering male x female, mark MF at end of part number. **EXAMPLE:** IPS FE 6 MF - same price.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS FE 4	13.00 lbs	4" x 90°
IPS FE 5	16.00 lbs	5" x 90°
IPS FE 6	24.00 lbs	6" x 90°
IPS FE 8	31.00 lbs	8" x 90°
IPS FE 10	35.00 lbs	10" x 90°
IPS FE 12	43.00 lbs	12" x 90°

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP FE 6	24.00 lbs	6" x 90°
PIP FE 8	31.00 lbs	8" x 90°
PIP FE 10	35.00 lbs	10" x 90°
PIP FE 12	43.00 lbs	12" x 90°
PIP FE 15	49.00 lbs	15" x 90°



22.5 degree same price.

45 DEGREE ELBOW

When ordering male x female, mark MF at end of part number. **EXAMPLE:** IPS FE 6 45 MF - same price.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS FE 4 45	11.00 lbs	4" x 45°
IPS FE 5 45	14.00 lbs	5" x 45°
IPS FE 6 45	21.00 lbs	6" x 45°
IPS FE 8 45	25.00 lbs	8" x 45°
IPS FE 10 45	34.00 lbs	10" x 45°
IPS FE 12 45	37.00 lbs	12" x 45°

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP FE 6 45	21.00 lbs	6" x 45°
PIP FE 8 45	25.00 lbs	8" x 45°
PIP FE 10 45	34.00 lbs	10" x 45°
PIP FE 12 45	37.00 lbs	12" x 45°
PIP FE 15 45	40.00 lbs	15" x 45°



SQUARE BACK GASKET

90 DEGREE ELBOW

When ordering male x female, mark MF at end of part number. **EXAMPLE:** IPS FE 6 MF - same price.

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS FE 4	13.00 lbs	4" x 90°
SQB IPS FE 5	16.00 lbs	5" x 90°
SQB IPS FE 6	24.00 lbs	6" x 90°
SQB IPS FE 8	31.00 lbs	8" x 90°
SQB IPS FE 10	35.00 lbs	10" x 90°
SQB IPS FE 12	43.00 lbs	12" x 90°

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP FE 6	24.00 lbs	6" x 90°
SQB PIP FE 8	31.00 lbs	8" x 90°
SQB PIP FE 10	35.00 lbs	10" x 90°
SQB PIP FE 12	43.00 lbs	12" x 90°
SQB PIP FE 15	49.00 lbs	15" x 90°



22.5 degree same price.

45 DEGREE ELBOW

When ordering male x female, mark MF at end of part number. **EXAMPLE:** IPS FE 6 45 MF - same price.

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS FE 4 45	11.00 lbs	4" x 45°
SQB IPS FE 5 45	14.00 lbs	5" x 45°
SQB IPS FE 6 45	21.00 lbs	6" x 45°
SQB IPS FE 8 45	25.00 lbs	8" x 45°
SQB IPS FE 10 45	34.00 lbs	10" x 45°
SQB IPS FE 12 45	37.00 lbs	12" x 45°

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP FE 6 45	21.00 lbs	6" x 45°
SQB PIP FE 8 45	25.00 lbs	8" x 45°
SQB PIP FE 10 45	34.00 lbs	10" x 45°
SQB PIP FE 12 45	37.00 lbs	12" x 45°
SQB PIP FE 15 45	40.00 lbs	15" x 45°



ROUND BACK GASKET STRAIGHT TEE

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS FT 444	12.00 lbs	4x4x4
IPS FT 555	15.00 lbs	5x5x5
IPS FT 666	23.00 lbs	6x6x6
IPS FT 888	34.00 lbs	8x8x8
IPS FT 101010	47.00 lbs	10x10x10
IPS FT 121212	57.00 lbs	12x12x12

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP FT 666	23.00 lbs	6x6x6
PIP FT 888	34.00 lbs	8x8x8
PIP FT 101010	47.00 lbs	10x10x10
PIP FT 121212	57.00 lbs	12x12x12
PIP FT 151515	75.00 lbs	15x15x15



REDUCING TEE

Additional sizes available.
Consult the factory.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS RT 554	11.00 lbs	5x5x4
IPS RT 664	14.00 lbs	6x6x4
IPS RT 665	20.00 lbs	6x6x5
IPS RT 886	31.00 lbs	8x8x6
IPS RT 10106	38.00 lbs	10x10x6
IPS RT 10108	41.00 lbs	10x10x8
IPS RT 12128	48.00 lbs	12x12x8
IPS RT 121210	52.00 lbs	12x12x10

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP RT 886	31.00 lbs	8x8x6
PIP RT 10106	38.00 lbs	10x10x6
PIP RT 10108	41.00 lbs	10x10x8
PIP RT 12128	48.00 lbs	12x12x8
PIP RT 121210	52.00 lbs	12x12x10
PIP RT 151510	70.00 lbs	15x15x10
PIP RT 151512	72.00 lbs	15x15x12



SQUARE BACK GASKET STRAIGHT TEE

IPS NO.

Part #	Part Weight	Part Size
SQB IPS FT 444	12.00 lbs	4x4x4
SQB IPS FT 555	15.00 lbs	5x5x5
SQB IPS FT 666	23.00 lbs	6x6x6
SQB IPS FT 888	34.00 lbs	8x8x8
SQB IPS FT 101010	47.00 lbs	10x10x10
SQB IPS FT 121212	57.00 lbs	12x12x12

PIP NO.

Part #	Part Weight	Part Size
SQB PIP FT 666	23.00 lbs	6x6x6
SQB PIP FT 888	34.00 lbs	8x8x8
SQB PIP FT 101010	47.00 lbs	10x10x10
SQB PIP FT 121212	57.00 lbs	12x12x12
SQB PIP FT 151515	75.00 lbs	15x15x15



REDUCING TEE

Additional sizes available.
Consult the factory.

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS RT 554	11.00 lbs	5x5x4
SQB IPS RT 664	14.00 lbs	6x6x4
SQB IPS RT 665	20.00 lbs	6x6x5
SQB IPS RT 886	31.00 lbs	8x8x6
SQB IPS RT 10106	38.00 lbs	10x10x6
SQB IPS RT 10108	41.00 lbs	10x10x8
SQB IPS RT 12128	48.00 lbs	12x12x8
SQB IPS RT 121210	52.00 lbs	12x12x10

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP RT 886	31.00 lbs	8x8x6
SQB PIP RT 10106	38.00 lbs	10x10x6
SQB PIP RT 10108	41.00 lbs	10x10x8
SQB PIP RT 12128	48.00 lbs	12x12x8
SQB PIP RT 121210	52.00 lbs	12x12x10
SQB PIP RT 151510	70.00 lbs	15x15x10
SQB PIP RT 151512	72.00 lbs	15x15x12



ROUND BACK GASKET

REDUCING COUPLER

Order designated male and female end in number sequence. **Example:** IPS R 64 MXF - same price.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS R 54	6.00 lbs	5x4
IPS R 64	7.00 lbs	6x4
IPS R 65	11.00 lbs	6x5
IPS R 86	16.00 lbs	8x6
IPS R 106	21.00 lbs	10x6
IPS R 108	22.00 lbs	10x8
IPS R 128	28.00 lbs	12x8
IPS R 1210	30.00 lbs	12x10

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP R 86	16.00 lbs	8x6
PIP R 106	21.00 lbs	10x6
PIP R 108	22.00 lbs	10x8
PIP R 128	28.00 lbs	12x8
PIP R 1210	30.00 lbs	12x10
PIP R 1512	37.00 lbs	15x12



Other options available.
Consult the factory.

CROSS

IPS PART NUMBER

Part #	Part Weight	Part Size
IPSX4	13.00 lbs	4"
IPSX5	18.00 lbs	5"
IPSX6	18.00 lbs	6"
IPSX8	35.00 lbs	8"
IPSX10	53.00 lbs	10"
IPSX12	85.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIPX6	18.00 lbs	6"
PIPX8	35.00 lbs	8"
PIPX10	53.00 lbs	10"
PIPX12	85.00 lbs	12"
PIPX15	92.00 lbs	15"



SQUARE BACK GASKET

REDUCING COUPLER

Order designated male and female end in number sequence. **Example:** IPS R 64 MXF - same price.

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS R 54	6.00 lbs	5x4
SQB IPS R 64	7.00 lbs	6x4
SQB IPS R 65	11.00 lbs	6x5
SQB IPS R 86	16.00 lbs	8x6
SQB IPS R 106	21.00 lbs	10x6
SQB IPS R 108	22.00 lbs	10x8
SQB IPS R 128	28.00 lbs	12x8
SQB IPS R 1210	30.00 lbs	12x10

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP R 86	16.00 lbs	8x6
SQB PIP R 106	21.00 lbs	10x6
SQB PIP R 108	22.00 lbs	10x8
SQB PIP R 128	28.00 lbs	12x8
SQB PIP R 1210	30.00 lbs	12x10
SQB PIP R 1512	37.00 lbs	15x12



Other options available.
Consult the factory.

CROSS

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPSX4	13.00 lbs	4"
SQB IPSX5	18.00 lbs	5"
SQB IPSX6	18.00 lbs	6"
SQB IPSX8	35.00 lbs	8"
SQB IPSX10	53.00 lbs	10"
SQB IPSX12	85.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIPX6	18.00 lbs	6"
SQB PIPX8	35.00 lbs	8"
SQB PIPX10	53.00 lbs	10"
SQB PIPX12	85.00 lbs	12"
SQB PIPX15	92.00 lbs	15"



ROUND BACK GASKET

END PLUG

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS EP 4	4.00 lbs	4"
IPS EP 5	5.00 lbs	5"
IPS EP 6	7.00 lbs	6"
IPS EP 8	8.00 lbs	8"
IPS EP 10	15.00 lbs	10"
IPS EP 12	18.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP EP 6	7.00 lbs	6"
PIP EP 8	8.00 lbs	8"
PIP EP 10	15.00 lbs	10"
PIP EP 12	18.00 lbs	12"
PIP EP 15	24.00 lbs	15"



FEMALE END CAP

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS FEP 4	4.00 lbs	4"
IPS FEP 5	5.00 lbs	5"
IPS FEP 6	6.00 lbs	6"
IPS FEP 8	8.00 lbs	8"
IPS FEP 10	14.00 lbs	10"
IPS FEP 12	17.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP FEP 6	6.00 lbs	6"
PIP FEP 8	8.00 lbs	8"
PIP FEP 10	14.00 lbs	10"
PIP FEP 12	17.00 lbs	12"

UNDERGROUND

Epoxy / Galvanized



SQUARE BACK GASKET

END PLUG

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS EP 4	4.00 lbs	4"
SQB IPS EP 5	5.00 lbs	5"
SQB IPS EP 6	7.00 lbs	6"
SQB IPS EP 8	8.00 lbs	8"
SQB IPS EP 10	15.00 lbs	10"
SQB IPS EP 12	18.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP EP 6	7.00 lbs	6"
SQB PIP EP 8	8.00 lbs	8"
SQB PIP EP 10	15.00 lbs	10"
SQB PIP EP 12	18.00 lbs	12"
SQB PIP EP 15	24.00 lbs	15"



FEMALE END CAP

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS FEP 4	4.00 lbs	4"
SQB IPS FEP 5	5.00 lbs	5"
SQB IPS FEP 6	6.00 lbs	6"
SQB IPS FEP 8	8.00 lbs	8"
SQB IPS FEP 10	14.00 lbs	10"
SQB IPS FEP 12	17.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP FEP 6	6.00 lbs	6"
SQB PIP FEP 8	8.00 lbs	8"
SQB PIP FEP 10	14.00 lbs	10"
SQB PIP FEP 12	17.00 lbs	12"



PIPE DIMENSIONS

IPS Sizes: 4 = 4.500 5 = 5.563 6 = 6.625 8 = 8.625 10 = 10.750 12 = 12.750

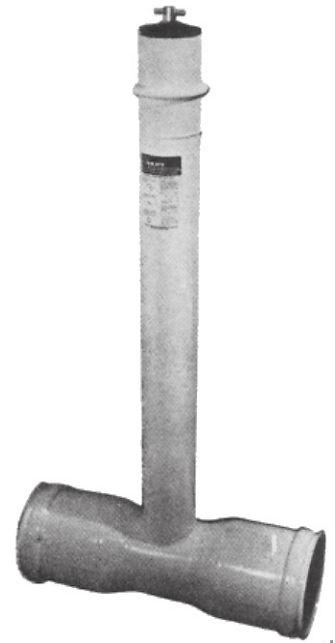
PIP Sizes: 6 = 6.14 8 = 8.16 10 = 10.20 12 = 12.24

- Available with air and/or pressure relief elbows and other special features. See page 86.
- Add or deduct per inch for change in riser height.
- Galvanized available same price.

ROUND BACK GASKET

DOUBLE COUPLER WITH RISER & VALVE

Can order male x female (MF) or female x cap (FC) **EXAMPLE:** IPS 6436 MF or IPS 6436 FC
No additional charge.



4" RISERS & VALVES

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS 4430 FF	13.00 lbs	4x4x4x30
IPS 4436 FF	14.00 lbs	4x4x4x36
IPS 4442 FF	15.00 lbs	4x4x4x42
IPS 5430 FF	17.00 lbs	5x5x4x30
IPS 5436 FF	18.00 lbs	5x5x4x36
IPS 5442 FF	19.00 lbs	5x5x4x42
IPS 6430 FF	25.00 lbs	6x6x4x30
IPS 6436 FF	27.00 lbs	6x6x4x36
IPS 6442 FF	28.00 lbs	6x6x4x42
IPS 8430 FF	31.00 lbs	8x8x4x30
IPS 8436 FF	32.00 lbs	8x8x4x36
IPS 8442 FF	34.00 lbs	8x8x4x42
IPS 10430 FF	37.00 lbs	10x10x4x30
IPS 10436 FF	38.00 lbs	10x10x4x36
IPS 10442 FF	40.00 lbs	10x10x4x42
IPS 12430 FF	41.00 lbs	12x12x4x30
IPS 12436 FF	42.00 lbs	12x12x4x36
IPS 12442 FF	44.00 lbs	12x12x4x42

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP 6430 FF	25.00 lbs	6x6x4x30
PIP 6436 FF	27.00 lbs	6x6x4x36
PIP 6442 FF	28.00 lbs	6x6x4x42
PIP 8430 FF	31.00 lbs	8x8x4x30
PIP 8436 FF	32.00 lbs	8x8x4x36
PIP 8442 FF	34.00 lbs	8x8x4x42
PIP 10430 FF	37.00 lbs	10x10x4x30
PIP 10436 FF	38.00 lbs	10x10x4x36
PIP 10442 FF	40.00 lbs	10x10x4x42
PIP 12430 FF	41.00 lbs	12x12x4x30
PIP 12436 FF	42.00 lbs	12x12x4x36
PIP 12442 FF	44.00 lbs	12x12x4x42
PIP 15430 FF	39.00 lbs	15x15x4x30
PIP 15436 FF	42.00 lbs	15x15x4x36
PIP 15442 FF	45.00 lbs	15x15x4x42

UNDERGROUND

Epoxy / Galvanized

PIPE DIMENSIONS

IPS Sizes: 4 = 4.500 5=5.563 6=6.625 8=8.625 10=10.750 12=12.750

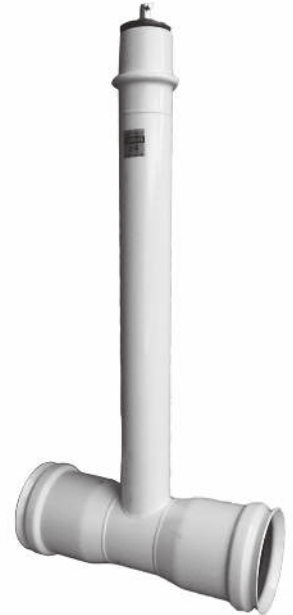
PIP Sizes: 6=6.14 8=8.16 10=10.20 12=12.24

- Available with air and/or pressure relief elbows and other special features. See page 86.
- Add or deduct per inch for change in riser height.
- Galvanized available same price.

SQUARE BACK GASKET

DOUBLE COUPLER WITH RISER & VALVE

Can order male x female (MF) or female x cap (FC) **EXAMPLE:** SQB IPS 6436 MF or SQB IPS 6436 FC
No additional charge.



4" RISERS & VALVES

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS 4430 FF	13.00 lbs	4x4x4x30
SQB IPS 4436 FF	14.00 lbs	4x4x4x36
SQB IPS 4442 FF	15.00 lbs	4x4x4x42
SQB IPS 5430 FF	17.00 lbs	5x5x4x30
SQB IPS 5436 FF	18.00 lbs	5x5x4x36
SQB IPS 5442 FF	19.00 lbs	5x5x4x42
SQB IPS 6430 FF	25.00 lbs	6x6x4x30
SQB IPS 6436 FF	27.00 lbs	6x6x4x36
SQB IPS 6442 FF	28.00 lbs	6x6x4x42
SQB IPS 8430 FF	31.00 lbs	8x8x4x30
SQB IPS 8436 FF	32.00 lbs	8x8x4x36
SQB IPS 8442 FF	34.00 lbs	8x8x4x42
SQB IPS 10430 FF	37.00 lbs	10x10x4x30
SQB IPS 10436 FF	38.00 lbs	10x10x4x36
SQB IPS 10442 FF	40.00 lbs	10x10x4x42
SQB IPS 12430 FF	41.00 lbs	12x12x4x30
SQB IPS 12436 FF	42.00 lbs	12x12x4x36
SQB IPS 12442 FF	44.00 lbs	12x12x4x42

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP 6430 FF	25.00 lbs	6x6x4x30
SQB PIP 6436 FF	27.00 lbs	6x6x4x36
SQB PIP 6442 FF	28.00 lbs	6x6x4x42
SQB PIP 8430 FF	31.00 lbs	8x8x4x30
SQB PIP 8436 FF	32.00 lbs	8x8x4x36
SQB PIP 8442 FF	34.00 lbs	8x8x4x42
SQB PIP 10430 FF	37.00 lbs	10x10x4x30
SQB PIP 10436 FF	38.00 lbs	10x10x4x36
SQB PIP 10442 FF	40.00 lbs	10x10x4x42
SQB PIP 12430 FF	41.00 lbs	12x12x4x30
SQB PIP 12436 FF	42.00 lbs	12x12x4x36
SQB PIP 12442 FF	44.00 lbs	12x12x4x42
SQB PIP 15430 FF	39.00 lbs	15x15x4x30
SQB PIP 15436 FF	42.00 lbs	15x15x4x36
SQB PIP 15442 FF	45.00 lbs	15x15x4x42



PIPE DIMENSIONS

IPS Sizes: 4 = 4.500 5 = 5.563 6 = 6.625 8 = 8.625 10 = 10.750 12 = 12.750

PIP Sizes: 6 = 6.14 8 = 8.16 10 = 10.20 12 = 12.24

- Available with air and/or pressure relief elbows and other special features. See page 86.
- Add or deduct per inch for change in riser height.
- Galvanized available same price.

ROUND BACK GASKET

DOUBLE COUPLER WITH RISER & VALVE

Can order male x female (MF) or female x cap (FC) **EXAMPLE:** IPS 6436 MF or IPS 6436 FC
No additional charge.

6" RISERS & VALVES

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS 6630 FF	32.00 lbs	6x6x6x30
IPS 6636 FF	36.00 lbs	6x6x6x36
IPS 6642 FF	38.00 lbs	6x6x6x42
IPS 8630 FF	38.00 lbs	8x8x6x30
IPS 8636 FF	41.00 lbs	8x8x6x36
IPS 8642 FF	44.00 lbs	8x8x6x42
IPS 10630 FF	44.00 lbs	10x10x6x30
IPS 10636 FF	47.00 lbs	10x10x6x36
IPS 10642 FF	50.00 lbs	10x10x6x42
IPS 12630 FF	48.00 lbs	12x12x6x30
IPS 12636 FF	51.00 lbs	12x12x6x36
IPS 12642 FF	54.00 lbs	12x12x6x42

8" Risers & Valves available on 8" and above.

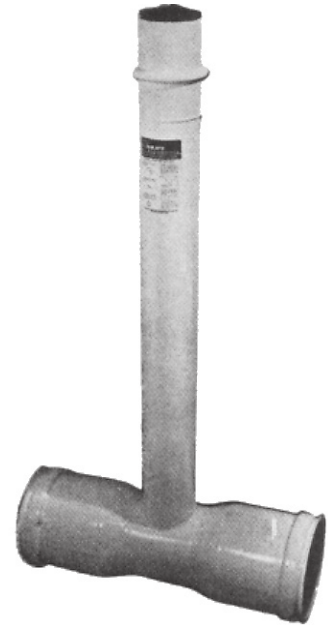
Additional charge added to the appropriate 6" for the valve and per foot for the riser. Please consult the factory.

Most items available in 10 gauge material. Consult factory for details.

- Galvanized available same price.

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP 6630 FF	32.00 lbs	6x6x6x30
PIP 6636 FF	36.00 lbs	6x6x6x36
PIP 6642 FF	38.00 lbs	6x6x6x42
PIP 8630 FF	38.00 lbs	8x8x6x30
PIP 8636 FF	41.00 lbs	8x8x6x36
PIP 8642 FF	44.00 lbs	8x8x6x42
PIP 10630 FF	44.00 lbs	10x10x6x30
PIP 10636 FF	47.00 lbs	10x10x6x36
PIP 10642 FF	50.00 lbs	10x10x6x42
PIP 12630 FF	48.00 lbs	12x12x6x30
PIP 12636 FF	51.00 lbs	12x12x6x36
PIP 12642 FF	54.00 lbs	12x12x6x42
PIP 15630 FF	51.00 lbs	15x15x6x30
PIP 15636 FF	53.00 lbs	15x15x6x36
PIP 15642 FF	55.00 lbs	15x15x6x42



PIPE DIMENSIONS

IPS Sizes: 4 = 4.500 5=5.563 6=6.625 8=8.625 10=10.750 12=12.750

PIP Sizes: 6=6.14 8=8.16 10=10.20 12=12.24

- Available with air and/or pressure relief elbows and other special features. See page 86.
- Add or deduct per inch for change in riser height.
- Galvanized available same price.

SQUARE BACK GASKET

DOUBLE COUPLER WITH RISER & VALVE

Can order male x female (MF) or female x cap (FC) **EXAMPLE:** SQB IPS 6436 MF or SQB IPS 6436 FC
No additional charge.

6" RISERS & VALVES

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS 6630 FF	32.00 lbs	6x6x6x30
SQB IPS 6636 FF	36.00 lbs	6x6x6x36
SQB IPS 6642 FF	38.00 lbs	6x6x6x42
SQB IPS 8630 FF	38.00 lbs	8x8x6x30
SQB IPS 8636 FF	41.00 lbs	8x8x6x36
SQB IPS 8642 FF	44.00 lbs	8x8x6x42
SQB IPS 10630 FF	44.00 lbs	10x10x6x30
SQB IPS 10636 FF	47.00 lbs	10x10x6x36
SQB IPS 10642 FF	50.00 lbs	10x10x6x42
SQB IPS 12630 FF	48.00 lbs	12x12x6x30
SQB IPS 12636 FF	51.00 lbs	12x12x6x36
SQB IPS 12642 FF	54.00 lbs	12x12x6x42

8" Risers & Valves available on 8" and above.

Additional charge added to the appropriate 6" for the valve and per foot for the riser. Please consult the factory.

Most items available in 10 gauge material. Consult factory for details.

- Galvanized available same price.

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP 6630 FF	32.00 lbs	6x6x6x30
SQB PIP 6636 FF	36.00 lbs	6x6x6x36
SQB PIP 6642 FF	38.00 lbs	6x6x6x42
SQB PIP 8630 FF	38.00 lbs	8x8x6x30
SQB PIP 8636 FF	41.00 lbs	8x8x6x36
SQB PIP 8642 FF	44.00 lbs	8x8x6x42
SQB PIP 10630 FF	44.00 lbs	10x10x6x30
SQB PIP 10636 FF	47.00 lbs	10x10x6x36
SQB PIP 10642 FF	50.00 lbs	10x10x6x42
SQB PIP 12630 FF	48.00 lbs	12x12x6x30
SQB PIP 12636 FF	51.00 lbs	12x12x6x36
SQB PIP 12642 FF	54.00 lbs	12x12x6x42
SQB PIP 15630 FF	51.00 lbs	15x15x6x30
SQB PIP 15636 FF	53.00 lbs	15x15x6x30
SQB PIP 15642 FF	55.00 lbs	15x15x6x42





ROUND BACK GASKET

DOUBLE COUPLER WITH FEMALE THREADED OUTLET

When ordering male x female, mark MF at end of part number. **EXAMPLE:** IPS 83 FT MF - same price
6" main line and above available with 6" FIPT thread. Additional charge for appropriate 4" FIPT coupler. Consult factory.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS 43FT FF	10.00 lbs	4x4x3
IPS 53FT FF	12.00 lbs	5x5x3
IPS 63FT FF	18.00 lbs	6x6x3
IPS 83FT FF	25.00 lbs	8x8x3
IPS 103FT FF	30.00 lbs	10x10x3
IPS 123FT FF	34.00 lbs	12x12x3
IPS 44FT FF	10.00 lbs	4x4x4
IPS 54FT FF	13.00 lbs	5x5x4
IPS 64FT FF	20.00 lbs	6x6x4
IPS 84FT FF	27.00 lbs	8x8x4
IPS 104FT FF	31.00 lbs	10x10x4
IPS 124FT FF	35.00 lbs	12x12x4

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP 63FT FF	18.00 lbs	6x6x3
PIP 83FT FF	25.00 lbs	8x8x3
PIP 103FT FF	30.00 lbs	10x10x3
PIP 123FT FF	34.00 lbs	12x12x3
PIP 64FT FF	20.00 lbs	6x6x4
PIP 84FT FF	27.00 lbs	8x8x4
PIP 104FT FF	31.00 lbs	10x10x4
PIP 124FT FF	35.00 lbs	12x12x4
PIP 154FT FF	39.00 lbs	15x15x4



SQUARE BACK GASKET

DOUBLE COUPLER WITH FEMALE THREADED OUTLET

When ordering male x female, mark MF at end of part number. **EXAMPLE:** SQB IPS 83 FT MF - same price.
6" main line and above available with 6" thread. Additonal charge added for appropriate 4" FIPT coupler. Consult factory.

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS 43FT FF	10.00 lbs	4x4x3
SQB IPS 53FT FF	12.00 lbs	5x5x3
SQB IPS 63FT FF	18.00 lbs	6x6x3
SQB IPS 83FT FF	25.00 lbs	8x8x3
SQB IPS 103FT FF	30.00 lbs	10x10x3
SQB IPS 123FT FF	34.00 lbs	12x12x3
SQB IPS 44FT FF	10.00 lbs	4x4x4
SQB IPS 54FT FF	13.00 lbs	5x5x4
SQB IPS 64FT FF	20.00 lbs	6x6x4
SQB IPS 84FT FF	27.00 lbs	8x8x4
SQB IPS 104FT FF	31.00 lbs	10x10x4
SQB IPS 124FT FF	35.00 lbs	12x12x4

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP 63FT FF	18.00 lbs	6x6x3
SQB PIP 83FT FF	25.00 lbs	8x8x3
SQB PIP 103FT FF	30.00 lbs	10x10x3
SQB PIP 123FT FF	34.00 lbs	12x12x3
SQB PIP 64FT FF	20.00 lbs	6x6x4
SQB PIP 84FT FF	27.00 lbs	8x8x4
SQB PIP 104FT FF	31.00 lbs	10x10x4
SQB PIP 124FT FF	35.00 lbs	12x12x4
SQB PIP 154FT FF	39.00 lbs	15x15x4



ROUND BACK GASKET

DOUBLE COUPLER WITH MALE THREADED OUTLET

When ordering male x female, mark MF at end of part number. **EXAMPLE:** IPS 43 MT MF - same price.
6" main line and above available with 6" MIPT thread. Additional charge added for appropriate 4" MIPT coupler.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS 43MT FF	9.00 lbs	4x4x3
IPS 53MT FF	11.00 lbs	5x5x3
IPS 63MT FF	17.00 lbs	6x6x3
IPS 83MT FF	24.00 lbs	8x8x3
IPS 103MT FF	29.00 lbs	10x10x3
IPS 123MT FF	30.00 lbs	12x12x3
IPS 44MT FF	10.00 lbs	4x4x4
IPS 54MT FF	13.00 lbs	5x5x4
IPS 64MT FF	19.00 lbs	6x6x4
IPS 84MT FF	26.00 lbs	8x8x4
IPS 104MT FF	30.00 lbs	10x10x4
IPS 124MT FF	34.00 lbs	12x12x4

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP 63MT FF	17.00 lbs	6x6x3
PIP 83MT FF	24.00 lbs	8x8x3
PIP 103MT FF	29.00 lbs	10x10x3
PIP 123MT FF	31.00 lbs	12x12x3
PIP 64MT FF	19.00 lbs	6x6x4
PIP 84MT FF	26.00 lbs	8x8x4
PIP 104MT FF	30.00 lbs	10x10x4
PIP 124MT FF	34.00 lbs	12x12x4
PIP 154MT FF	39.00 lbs	15x15x4



SQUARE BACK GASKET

DOUBLE COUPLER WITH MALE THREADED OUTLET

When ordering male x female, mark MF at end of part number. **EXAMPLE:** SQB IPS 43 MT MF - same price.
6" main line and above available with 6" MIPT thread. Additional charge added for appropriate 4" MIPT coupler.

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS 43MT FF	9.00 lbs	4x4x3
SQB IPS 53MT FF	11.00 lbs	5x5x3
SQB IPS 63MT FF	17.00 lbs	6x6x3
SQB IPS 83MT FF	24.00 lbs	8x8x3
SQB IPS 103MT FF	29.00 lbs	10x10x3
SQB IPS 123MT FF	30.00 lbs	12x12x3
SQB IPS 44MT FF	10.00 lbs	4x4x4
SQB IPS 54MT FF	13.00 lbs	5x5x4
SQB IPS 64MT FF	19.00 lbs	6x6x4
SQB IPS 84MT FF	26.00 lbs	8x8x4
SQB IPS 104MT FF	30.00 lbs	10x10x4
SQB IPS 124MT FF	34.00 lbs	12x12x4

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP 63MT FF	17.00 lbs	6x6x3
SQB PIP 83MT FF	24.00 lbs	8x8x3
SQB PIP 103MT FF	29.00 lbs	10x10x3
SQB PIP 123MT FF	31.00 lbs	12x12x3
SQB PIP 64MT FF	19.00 lbs	6x6x4
SQB PIP 84MT FF	26.00 lbs	8x8x4
SQB PIP 104MT FF	30.00 lbs	10x10x4
SQB PIP 124MT FF	34.00 lbs	12x12x4
SQB PIP 154MT FF	39.00 lbs	15x15x4



ROUND BACK GASKET

J DROPS EPOXY COATED – ALSO AVAILABLE IN GALVANIZED

Standard is ring lock end at top, PVC female end at the bottom, 42" height. Other ends and heights available.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS J 642	27.00 lbs	6" Dia. 42" Height
IPS J 842	48.00 lbs	8" Dia. 42" Height
IPS J 1042	59.00 lbs	10" Dia. 42" Height
IPS J 1242	72.00 lbs	12" Dia. 42" Height

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP J 642	27.00 lbs	6" Dia. 42" Height
PIP J 842	48.00 lbs	8" Dia. 42" Height
PIP J 1042	59.00 lbs	10" Dia. 42" Height
PIP J 1242	72.00 lbs	12" Dia. 42" Height



ZEE DROPS EPOXY COATED

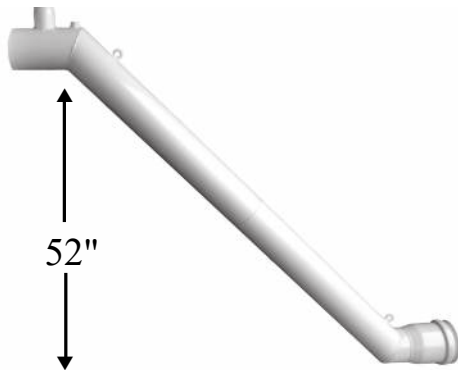
Add FL to part number for flanged top. Price includes 52" vertical drop, female starter at bottom, 3/4 FPT & 3" MPT at top, plain or flanged top. Other options available – consult the factory.

IPS PART NUMBER

Part #	Part Weight	Part Size	Plain End	Flanged
IPS Z 4	33.00 lbs	4"	✓	✓
IPS Z 6	60.00 lbs	6"	✓	✓
IPS Z 8	78.00 lbs	8"	✓	✓
IPS Z 10	99.00 lbs	10"	✓	✓
IPS Z 12	118.00 lbs	12"	✓	✓

PIP PART NUMBER

Part #	Part Weight	Part Size	Plain End	Flanged
PIP Z 6	60.00 lbs	6"	✓	✓
PIP Z 8	78.00 lbs	8"	✓	✓
PIP Z 10	99.00 lbs	10"	✓	✓
PIP Z 12	118.00 lbs	12"	✓	✓



UNDERGROUND

Epoxy / Galvanized

SQUARE BACK GASKET

J DROPS EPOXY COATED – ALSO AVAILABLE IN GALVANIZED

Standard is ring lock end at top, PVC female end at the bottom, 42" height.
Other ends and heights available.

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS J 642	27.00 lbs	6" Dia. 42" Height
SQB IPS J 842	48.00 lbs	8" Dia. 42" Height
SQB IPS J 1042	59.00 lbs	10" Dia. 42" Height
SQB IPS J 1242	72.00 lbs	12" Dia. 42" Height

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP J 642	27.00 lbs	6" Dia. 42" Height
SQB PIP J 842	48.00 lbs	8" Dia. 42" Height
SQB PIP J 1042	59.00 lbs	10" Dia. 42" Height
SQB PIP J 1242	72.00 lbs	12" Dia. 42" Height



ZEE DROPS EPOXY COATED

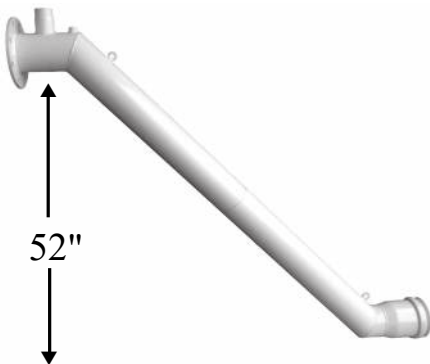
Add FL to part number for flanged top. Price includes 52" vertical drop, female starter at bottom, 3/4 FPT & 3" MPT at top, plain or flanged top.
Other options available – consult the factory.

IPS PART NUMBER

Part #	Part Weight	Part Size	Plain End	Flanged
SQB IPS Z 4	33.00 lbs	4"	✓	✓
SQB IPS Z 6	60.00 lbs	6"	✓	✓
SQB IPS Z 8	78.00 lbs	8"	✓	✓
SQB IPS Z 10	99.00 lbs	10"	✓	✓
SQB IPS Z 12	118.00 lbs	12"	✓	✓

PIP PART NUMBER

Part #	Part Weight	Part Size	Plain End	Flanged
SQB PIP Z 6	60.00 lbs	6"	✓	✓
SQB PIP Z 8	78.00 lbs	8"	✓	✓
SQB PIP Z 10	99.00 lbs	10"	✓	✓
SQB PIP Z 12	118.00 lbs	12"	✓	✓





GOOSENECK DROPS EPOXY COATED

52" vertical drop, female starter on bottom and flanged on top with 3/4" fpt and 3" mpt outlets. Other options available – consult the factory.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS GN 4	38.00 lbs	4"
IPS GN 6	56.00 lbs	6"
IPS GN 8	77.00 lbs	8"
IPS GN 10	100.00 lbs	10"
IPS GN 12	125.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP GN 6	56.00 lbs	6"
PIP GN 8	77.00 lbs	8"
PIP GN 10	100.00 lbs	10"
PIP GN 12	125.00 lbs	12"



THREADED ELBOW ARM OPTIONS

	Part Weight	Part Size
A	1.65 lbs	2" FPT
	3.75 lbs	3" FPT
	5.50 lbs	4" FPT
B	1.50 lbs	2" MPT
	3.00 lbs	3" MPT
	5.00 lbs	4" MPT
C	End capped to serve as end plug	—
	Male x female	—



UNDERGROUND

Epoxy / Galvanized

GOOSENECK DROPS EPOXY COATED

52" vertical drop, female on bottom & flanged on top with 3/4" fip and 3" mpt outlets. Other options available – consult the factory.

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS GN 4	38.00 lbs	4"
SQB IPS GN 6	56.00 lbs	6"
SQB IPS GN 8	77.00 lbs	8"
SQB IPS GN 10	100.00 lbs	10"
SQB IPS GN 12	125.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP GN 6	56.00 lbs	6"
SQB PIP GN 8	77.00 lbs	8"
SQB PIP GN 10	100.00 lbs	10"
SQB PIP GN 12	125.00 lbs	12"



CAST ALUMINUM PRESSURE RELIEF VALVE

Part #	Part Weight	Part Size
PRV 200	10.00 lbs	2"
PRV 300	10.750 lbs	3"

Adjustable from 30-125 P.S.I.. Large spring for consistent setting repetition. Gauge port and jam nut included. Standard factory setting is 80 P.S.I. and unsealed. Can be factory set at other pressures, stamped and sealed for additional cost.

Parts available - see part section.



AIR RELIEF VALVES

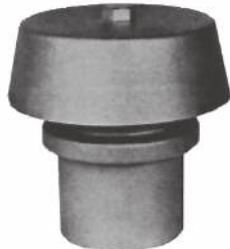
Part #	Part Weight	Part Size
AV 100 P (Plastic)	0.20 lbs	1"
AV 150	1.20 lbs	1 1/2"
AV 200	1.70 lbs	2"
AV 300	3.20 lbs	3"
AV 400	6.65 lbs	4"

Parts available - see part section.





SEP 41, SEP 43



SEP 4325 SP

PRESSURE RELIEF VALVE

Part #	Part Weight	Part Size
SEP 41	5.50 lbs	4" FPT
SEP 43*	6.00 lbs	4" FPT
SEP 43 SP	7.00 lbs	4" FPT
SEP 4325	5.00 lbs	3" FPT
SEP 4325 SP	6.00 lbs	3" FPT

*SEP 43 & SEP 43 SP, settings 125 to 180 PSI.

Preset at factory to release at 80 PSI. Consult factory for higher or lower setting.

Splash pan (SP) optional.

CONTINUOUS ACTING AIR VACUUM RELIEF

Continuous acting air vents and vacuum relief valves allow large volumes of air to release as line is filled. The system continues to release entrapped air throughout operations, then allows air back in when the line is draining. Designed for line pressures up to 150 psi for 2" and 100 psi for 3" vents.



Part #	Part Weight	Part Size
ARVC 200	6.00 lbs	2"
ARVC 300	9.70 lbs	3"
ARVC 400	10.65 lbs	4"

UNDERGROUND

Epoxy / Galvanized



ROUND BACK COMPRESSION GASKET

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS CG 4	0.20 lbs	4"
IPS CG 5	0.30 lbs	5"
IPS CG 6	0.30 lbs	6"
IPS CG 8	0.60 lbs	8"
IPS CG 10	0.75 lbs	10"
IPS CG 12	0.95 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP CG 6	0.30 lbs	6"
PIP CG 8	0.60 lbs	8"
PIP CG 10	0.75 lbs	10"
PIP CG 12	0.95 lbs	12"
PIP CG 15	1.35 lbs	15"



SQUARE BACK COMPRESSION GASKET

IPS PART NUMBER

Part #	Part Weight	Part Size
SQB IPS CG 4	0.20 lbs	4"
SQB IPS CG 5	0.30 lbs	5"
SQB IPS CG 6	0.30 lbs	6"
SQB IPS CG 8	0.60 lbs	8"
SQB IPS CG 10	0.75 lbs	10"
SQB IPS CG 12	0.95 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
SQB PIP CG 6	0.30 lbs	6"
SQB PIP CG 8	0.60 lbs	8"
SQB PIP CG 10	0.75 lbs	10"
SQB PIP CG 12	0.95 lbs	12"
SQB PIP CG 15	1.35 lbs	15"

PIPE DIMENSIONS

IPS Sizes: 4 = 4.500 5=5.563 6=6.625 8=8.625 10=10.750 12=12.750

PIP Sizes: 6=6.14 8=8.16 10=10.20 12=12.24

STEEL SADDLE WITH FEMALE PIPE THREAD

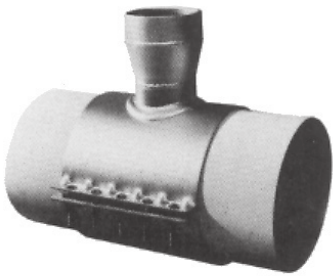
3" FIPT

GALVANIZED

Part #	Part Size
SSG TF 35	5"
SSG TF 36	6"
SSG TF 38	8"
SSG TF 310	10"
SSG TF 312	12"
SSG TF 315	15"
SSG TF 318	18"

EPOXY

Part #	Part Weight
SSE TF 35	8.00 lbs
SSE TF 36	11.00 lbs
SSE TF 38	12.00 lbs
SSE TF 310	15.00 lbs
SSE TF 312	17.00 lbs
SSE TF 315	19.00 lbs
SSE TF 318	26.00 lbs



4" FIPT

GALVANIZED

Part #	Part Size
SSG TF 45	5"
SSG TF 46	6"
SSG TF 48	8"
SSG TF 410	10"
SSG TF 412	12"
SSG TF 415	15"
SSG TF 418	18"

EPOXY

Part #	Part Weight
SSE TF 45	9.00 lbs
SSE TF 46	12.00 lbs
SSE TF 48	13.00 lbs
SSE TF 410	16.00 lbs
SSE TF 412	18.00 lbs
SSE TF 415	20.00 lbs
SSE TF 418	29.00 lbs

6" FIPT

GALVANIZED

Part #	Part Size
SSG TF 68	8"
SSG TF 610	10"
SSG TF 612	12"
SSG TF 615	15"
SSG TF 618	18"

EPOXY

Part #	Part Weight
SSE TF 68	16.00 lbs
SSE TF 610	19.00 lbs
SSE TF 612	21.00 lbs
SSE TF 615	23.00 lbs
SSE TF 618	30.00 lbs



STEEL SADDLE WITH MALE PIPE THREAD

3" MIPT

GALVANIZED

Part #	Part Size
SSG TM 35	5"
SSG TM 36	6"
SSG TM 38	8"
SSG TM 310	10"
SSG TM 312	12"
SSG TM 315	15"
SSG TM 318	18"

EPOXY

Part #	Part Weight
SSE TM 35	8.01 lbs
SSE TM 36	11.00 lbs
SSE TM 38	12.00 lbs
SSE TM 310	15.00 lbs
SSE TM 312	17.00 lbs
SSE TM 315	19.00 lbs
SSE TM 318	27.00 lbs



4" MIPT

GALVANIZED

Part #	Part Size
SSG TM 45	5"
SSG TM 46	6"
SSG TM 48	8"
SSG TM 410	10"
SSG TM 412	12"
SSG TM 415	15"
SSG TM 418	18"

EPOXY

Part #	Part Weight
SSE TM 45	9.01 lbs
SSE TM-46	12.00 lbs
SSE TM 48	13.00 lbs
SSE TM 410	16.00 lbs
SSE TM 412	18.00 lbs
SSE TM 415	20.00 lbs
SSE TM 418	29.00 lbs

8" and above available with 6" thread. Additional cost added for appropriate 4" MIPT. Consult factory.

STEEL SADDLE WITH 4" VALVE

GALVANIZED

Part #	Part Weight	Part Size
SSG 40 6	12.00 lbs	6"
SSG 40 8	14.50 lbs	8"
SSG 40 10	16.40 lbs	10"
SSG 40 12	18.20 lbs	12"



STEEL SADDLE WITH 36" RISER AND VALVE

4" VALVE

GALVANIZED

Part #	Part Size
SSG 436 5	5"
SSG 436 6	6"
SSG 436 8	8"
SSG 436 10	10"
SSG 436 12	12"
SSG 436 15	15"
SSG 436 18	18"

EPOXY

Part #	Part Weight
SSE 436 5	20.00 lbs
SSE 436 6	22.00 lbs
SSE 436 8	24.00 lbs
SSE 436 10	26.00 lbs
SSE 436 12	28.00 lbs
SSE 436 15	34.00 lbs
SSE 436 18	39.00 lbs

Price adjusted per inch for change in riser height.

6" VALVE

GALVANIZED

Part #	Part Size
SSG 636 8	8"
SSG 636 10	10"
SSG 636 12	12"
SSG 636 15	15"
SSG 636 18	18"

EPOXY

Part #	Part Weight
SSE 636 8	29.00 lbs
SSE 636 10	31.00 lbs
SSE 636 12	34.00 lbs
SSE 636 15	41.00 lbs
SSE 636 18	46.00 lbs

Saddles with risers available with air and/or pressure relief elbows at an additional up charge.
Price adjusted per inch for change in riser height.



THREADED ELBOW ARM OPTIONS



	Part Weight	Part Size
A	1.65 lbs	2" FPT
	3.75 lbs	3" FPT
	5.50 lbs	4" FPT
B	1.50 lbs	2" MPT
	3.00 lbs	3" MPT
	5.00 lbs	4" MPT
C	End capped to serve as end plug	—

Male x female —

Other sizes available - contact factory



STEEL SADDLE WITH FLANGE

GALVANIZED

Part #	Part Size
--------	-----------

SSG FL 35	5"
SSG FL 45	5"
SSG FL 36	6"
SSG FL 46	6"
SSG FL 38	8"
SSG FL 48	8"
SSG FL 68	8"
SSG FL 310	10"
SSG FL 410	10"
SSG FL 610	10"
SSG FL 312	12"
SSG FL 412	12"
SSG FL 612	12"

EPOXY

Part #	Part Weight
--------	-------------

SSE FL 35	12.50 lbs
SSE FL 45	14.25 lbs
SSE FL 36	14.00 lbs
SSE FL 46	15.75 lbs
SSE FL 38	16.50 lbs
SSE FL 48	18.25 lbs
SSE FL 68	21.25 lbs
SSE FL 310	18.40 lbs
SSE FL 410	20.15 lbs
SSE FL 610	23.25 lbs
SSE FL 312	20.20 lbs
SSE FL 412	22.00 lbs
SSE FL 612	25.25 lbs



STEEL SADDLE WITH STUB FOR FABRICATION - PLAIN END

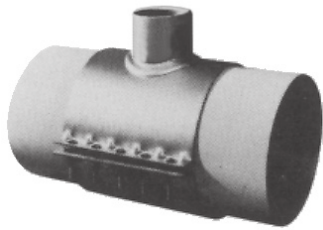
4" STUB

GALVANIZED

Part #	Part Size
SSG 45	5"
SSG 46	6"
SSG 48	8"
SSG 410	10"
SSG 412	12"
SSG 415	15"
SSG 418	18"

EPOXY

Part #	Part Weight
SSE 45	7.50 lbs
SSE 46	9.00 lbs
SSE 48	11.50 lbs
SSE 410	13.40 lbs
SSE 412	15.20 lbs
SSE 415	17.00 lbs
SSE 418	25.00 lbs



6" STUB

GALVANIZED

Part #	Part Size
SSG 68	8"
SSG 610	10"
SSG 612	12"
SSG 615	15"
SSG 618	18"

EPOXY

Part #	Part Weight
SSE 68	12.00 lbs
SSE 610	14.00 lbs
SSE 612	16.00 lbs
SSE 615	18.00 lbs
SSE 618	27.00 lbs



SADDLE BOTTOMS

GALVANIZED

Part #	Part Size
SSG 5	5"
SSG 6	6"
SSG 8	8"
SSG 10	10"
SSG 12	12"
SSG 15	15"
SSG 18	18"

EPOXY

Part #	Part Size
SSE 5	5"
SSE 6	6"
SSE 8	8"
SSE 10	10"
SSE 12	12"
SSE 15	15"
SSE 18	18"



5" & 6" x 4" Outlet
Two Ridges



8-18" x 4" Outlet
Three Ridges



8-18" x 6" Outlet
Three Ridges

Smooth side goes up to
steel saddle when installed.

SADDLE GASKET AND PARTS

Part #	Part Weight	Part Size
SG 3 ³ / ₄	0.40 lbs	5" & 6" saddle gasket
SG 4	0.09 lbs	8" thru 18" saddle gaskets, 4" stub
SG 5 ¹ / ₂	0.15 lbs	8" thru 18" saddle gaskets, 5" & 6" stub
PSF	1.00 lbs	Packaged saddle fasteners

HOLE SAW SIZES REQUIRED FOR INSTALLATION

5" and 6" saddles with 3" and 4" outlets	3 ³ / ₄ "
--	---------------------------------

8" thru 18" saddles with 3" and 4" outlets	4"
--	----

8" thru 18" saddles with 5" and 6" outlets	5 ¹ / ₂ "
--	---------------------------------



We've made significant improvements on our Bolt Tite product offerings. The newest advancements include the following:

- *New seam welded construction*
- *New full length 18" bodies*
- *Longer bolts for easier installation*
- *Galvanized option available - same price*
- *Non-corrosive fastener options available*

PIPE DIMENSIONS

IPS Sizes: 4 = 4.500 5=5.563 6=6.625 8=8.625
10=10.750 12=12.750

PIP Sizes: 6=6.14 8=8.16 10=10.20 12=12.24



PIP & OD fittings use a transitional gasket.

3", 4" & 5" OD gaskets available same price as IPS

COMPLETE REPAIR COUPLER 18" LENGTH

Includes flanges, gaskets and bolt pack.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS BT 3 18	9.00 lbs	3"
IPS BT 4 18	12.00 lbs	4"
IPS BT 5 18	17.00 lbs	5"
IPS BT 6 18	21.00 lbs	6"
IPS BT 8 18	25.00 lbs	8"
IPS BT 10 18	36.00 lbs	10"
IPS BT 12 18	44.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP/OD BT 618	21.00 lbs	6"
PIP/OD BT 818	25.00 lbs	8"
PIP/OD BT1018	37.00 lbs	10"
PIP/OD BT1218	44.00 lbs	12"
PIP/OD BT1518	52.00 lbs	15"
PIP/OD BT18.7	58.00 lbs	18.7"
PIP/OD BT2018	68.00 lbs	20.4"



PIP & OD fittings use a transitional gasket.
3", 4" & 5" OD gaskets available same price as IPS.

COMPLETE REPAIR COUPLER 10" LENGTH

Includes flanges, gaskets, and long bolt pack.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS BT 3 10	7.00 lbs	3"
IPS BT 4 10	10.00 lbs	4"
IPS BT 5 10	10.00 lbs	5"
IPS BT 6 10	13.00 lbs	6"
IPS BT 8 10	16.00 lbs	8"
IPS BT 10 10	23.00 lbs	10"
IPS BT 12 10	27.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP/OD BT 610	13.00 lbs	6"
PIP/OD BT 810	16.00 lbs	8"
PIP/OD BT1010	23.00 lbs	10"
PIP/OD BT1210	27.00 lbs	12"
PIP/OD BT1510	32.00 lbs	15"



PIP fittings use a transitional gasket to adapt to PIP or OD dimensions.
OD weld sizes are available upon request.
Galvanized available - same price.
3", 4" and 5" OD sizes available - same price as IPS.

STARTER COUPLER (WELD ON)

Includes flange, gasket, and bolt pack.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS BTSC 3	7.00 lbs	3"
IPS BTSC 4	8.00 lbs	4"
IPS BTSC 5	9.00 lbs	5"
IPS BTSC 6	11.00 lbs	6"
IPS BTSC 8	14.00 lbs	8"
IPS BTSC 10	18.00 lbs	10"
IPS BTSC 12	22.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP/OD BTSC 6	11.00 lbs	6"
PIP/OD BTSC 8	14.00 lbs	8"
PIP/OD BTSC10	18.00 lbs	10"
PIP/OD BTSC12	22.00 lbs	12"
PIP/OD BTSC15	25.00 lbs	15"
PIP BTSC 18.7	30.00 lbs	18.7"
PIP BTSC 20.4	35.00 lbs	20.4"

FEMALE THREADED RISER COUPLER 10"

Includes flanges, bolts, and gaskets.

IPS PART NUMBER

Part #	Part Weight	Part Size	Thread Size
IPS 10 BT43FT	13.00 lbs	4" x 10"	3"
IPS 10 BT53FT	13.00 lbs	5" x 10"	3"
IPS 10 BT63FT	16.00 lbs	6" x 10"	3"
IPS 10 BT83FT	19.00 lbs	8" x 10"	3"
IPS 10BT103FT	26.00 lbs	10" x 10"	3"
IPS 10BT123FT	30.00 lbs	12" x 10"	3"
IPS 10 BT44FT	13.00 lbs	4" x 10"	4"
IPS 10 BT54FT	13.00 lbs	5" x 10"	4"
IPS 10 BT64FT	16.00 lbs	6" x 10"	4"
IPS 10 BT84FT	19.00 lbs	8" x 10"	4"
IPS 10BT104FT	26.00 lbs	10" x 10"	4"
IPS 10BT124FT	30.00 lbs	12" x 10"	4"

PIP PART NUMBER

Part #	Part Weight	Part Size	Thread Size
PIP 10 BT63FT	16.00 lbs	6" x 10"	3"
PIP 10 BT83FT	19.00 lbs	8" x 10"	3"
PIP 10BT103FT	26.00 lbs	10" x 10"	3"
PIP 10BT123FT	30.00 lbs	12" x 10"	3"
PIP 10 BT64FT	16.00 lbs	6" x 10"	4"
PIP 10 BT84FT	19.00 lbs	8" x 10"	4"
PIP 10BT104FT	26.00 lbs	10" x 10"	4"
PIP 10BT124FT	30.00 lbs	12" x 10"	4"



3", 4" & 5" OD Gaskets available
– same price as IPS.



3", 4" & 5" OD gaskets available same price as IPS.

MALE THREADED RISER COUPLER 10"

Includes flanges, bolts, and gaskets.

IPS PART NUMBER

Part #	Part Weight	Part Size	Thread Size
IPS 10 BT43MT	12.00 lbs	4" x 10"	3"
IPS 10 BT53MT	12.00 lbs	5" x 10"	3"
IPS 10 BT63MT	12.00 lbs	6" x 10"	3"
IPS 10 BT83MT	15.00 lbs	8" x 10"	3"
IPS 10BT103MT	18.00 lbs	10" x 10"	3"
IPS 10BT123MT	25.00 lbs	12" x 10"	3"
IPS 10 BT44MT	29.00 lbs	4" x 10"	4"
IPS 10 BT54MT	13.00 lbs	5" x 10"	4"
IPS 10 BT64MT	13.00 lbs	6" x 10"	4"
IPS 10 BT84MT	16.00 lbs	8" x 10"	4"
IPS 10BT104MT	26.00 lbs	10" x 10"	4"
IPS 10BT124MT	30.00 lbs	12" x 10"	4"

PIP PART NUMBER

Part #	Part Weight	Part Size	Thread Size
PIP 10 BT63MT	15.00 lbs	6" x 10"	3"
PIP 10 BT83MT	18.00 lbs	8" x 10"	3"
PIP 10BT103MT	25.00 lbs	10" x 10"	3"
PIP 10BT123MT	29.00 lbs	12" x 10"	3"
PIP 10 BT64MT	16.00 lbs	6" x 10"	4"
PIP 10 BT84MT	19.00 lbs	8" x 10"	4"
PIP 10BT104MT	26.00 lbs	10" x 10"	4"
PIP 10BT124MT	30.00 lbs	12" x 10"	4"

BOLT TITE

Underground Epoxy / Galvanized

FEMALE THREADED RISER COUPLER 18"

Includes flanges, bolts, and gaskets.

IPS PART NUMBER

Part #	Part Weight	Part Size	Thread Size
IPS 18 BT43FT	15.00 lbs	4" x 18"	3"
IPS 18 BT53FT	20.00 lbs	5" x 18"	3"
IPS 18 BT63FT	24.00 lbs	6" x 18"	3"
IPS 18 BT83FT	28.00 lbs	8" x 18"	3"
IPS 18BT103FT	39.00 lbs	10" x 18"	3"
IPS 18BT123FT	47.00 lbs	12" x 18"	3"

IPS 18 BT44FT	15.00 lbs	4" x 18"	4"
IPS 18 BT54FT	20.00 lbs	5" x 18"	4"
IPS 18 BT64FT	24.00 lbs	6" x 18"	4"
IPS 18 BT84FT	28.00 lbs	8" x 18"	4"
IPS 18BT104FT	39.00 lbs	10" x 18"	4"
IPS 18BT124FT	47.00 lbs	12" x 18"	4"

PIP PART NUMBER

Part #	Part Weight	Part Size	Thread Size
PIP 18 BT63FT	24.00 lbs	6" x 18"	3"
PIP 18 BT83FT	28.00 lbs	8" x 18"	3"
PIP 18BT103FT	39.00 lbs	10" x 18"	3"
PIP 18BT123FT	47.00 lbs	12" x 18"	3"

PIP 18 BT64FT	24.00 lbs	6" x 18"	4"
PIP 18 BT84FT	28.00 lbs	8" x 18"	4"
PIP 18BT104FT	39.00 lbs	10" x 18"	4"
PIP 18BT124FT	47.00 lbs	12" x 18"	4"
PIP 18BT154FT	55.00 lbs	15" x 18"	4"
PIP 18BT184FT	61.00 lbs	18.7" x 18"	4"
PIP 18BT204FT	71.00 lbs	20.4" x 18"	4"



3", 4" & 5" OD Gaskets available
– same price as IPS.



MALE THREADED RISER COUPLER 18"

Includes flanges, bolts, and gaskets.

IPS PART NUMBER



3", 4" & 5" OD Gaskets available
same price as IPS.

Part #	Part Weight	Part Size	Thread Size
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IPS 18 BT43MT	14.00 lbs	4" x 18"	3"
IPS 18 BT53MT	19.00 lbs	5" x 18"	3"
IPS 18 BT63MT	23.00 lbs	6" x 18"	3"
IPS 18 BT83MT	27.00 lbs	8" x 18"	3"
IPS 18BT103MT	38.00 lbs	10" x 18"	3"
IPS 18BT123MT	46.00 lbs	12" x 18"	3"

IPS 18 BT44MT	15.00 lbs	4" x 18"	4"
IPS 18 BT54MT	20.00 lbs	5" x 18"	4"
IPS 18 BT64MT	24.00 lbs	6" x 18"	4"
IPS 18 BT84MT	28.00 lbs	8" x 18"	4"
IPS 18BT104MT	39.00 lbs	10" x 18"	4"
IPS 18BT124MT	47.00 lbs	12" x 18"	4"

PIP PART NUMBER

Part #	Part Weight	Part Size	Thread Size
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PIP 18 BT63MT	23.00 lbs	6" x 18"	3"
PIP 18 BT83MT	27.00 lbs	8" x 18"	3"
PIP 18BT103MT	38.00 lbs	10" x 18"	3"
PIP 18BT123MT	46.00 lbs	12" x 18"	3"

PIP 18 BT64MT	23.00 lbs	6" x 18"	4"
PIP 18 BT84MT	27.00 lbs	8" x 18"	4"
PIP 18BT104MT	38.00 lbs	10" x 18"	4"
PIP 18BT124MT	47.00 lbs	12" x 18"	4"
PIP 18BT154MT	55.00 lbs	15" x 18"	4"
PIP 18BT184MT	61.00 lbs	18.7" x 18"	4"
PIP 18BT204MT	71.00 lbs	20.4" x 18"	4"

BOLT TITE

Underground Epoxy / Galvanized



3", 4" & 5" OD gaskets available
– same price as IPS.

BOLT TITE DISCHARGE ADAPTER

Threads available upon request. Other sizes are available.

IPS PART NUMBER

Part #	Part Weight	Part Size	Flange Size
IPS BTDA 204	12.50 lbs	4"	2"
IPS BTDA 304	13.00 lbs	4"	3"
IPS BTDA 404	15.00 lbs	4"	4"
IPS BTDA 305	14.00 lbs	5"	3"
IPS BTDA 405	16.00 lbs	5"	4"
IPS BTDA 505	17.00 lbs	5"	5"
IPS BTDA 306	13.00 lbs	6"	3"
IPS BTDA 406	17.00 lbs	6"	4"
IPS BTDA 506	18.00 lbs	6"	5"
IPS BTDA 606	20.00 lbs	6"	6"
IPS BTDA 408	20.00 lbs	8"	4"
IPS BTDA 508	21.00 lbs	8"	5"
IPS BTDA 608	23.00 lbs	8"	6"
IPS BTDA 808	26.00 lbs	8"	8"
IPS BTDA 410	26.00 lbs	10"	4"
IPS BTDA 510	27.00 lbs	10"	5"
IPS BTDA 610	29.00 lbs	10"	6"
IPS BTDA 810	32.00 lbs	10"	8"
IPS BTDA 1010	36.00 lbs	10"	10"
IPS BTDA 812	36.00 lbs	12"	8"
IPS BTDA 1012	40.00 lbs	12"	10"
IPS BTDA 1212	48.00 lbs	12"	12"

PIP PART NUMBER

Part #	Part Weight	Part Size	Flange Size
PIP BTDA 606	20.00 lbs	6"	6"
PIP BTDA 608	23.00 lbs	8"	6"
PIP BTDA 808	26.00 lbs	8"	8"
PIP BTDA 610	29.00 lbs	10"	6"
PIP BTDA 810	32.00 lbs	10"	8"
PIP BTDA 1010	36.00 lbs	10"	10"
PIP BTDA 812	36.00 lbs	12"	8"
PIP BTDA 1012	40.00 lbs	12"	10"
PIP BTDA 1212	48.00 lbs	12"	12"
PIP BTDA 1215	52.00 lbs	15"	12"
PIP BTDA 1415	77.00 lbs	15"	14"
PIP BTDA 1615	87.00 lbs	15"	16"
PIP BTDA 1818	98.00 lbs	18.7"	18"
PIP BTDA 1620	96.00 lbs	20.4"	16"
PIP BTDA 1820	103.00 lbs	20.4"	18"
PIP BTDA 2020	117.00 lbs	20.4"	20"



3", 4" & 5" OD gaskets available
– same price as IPS.

BOLT TITE TEE

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS BT FT 4	20.00 lbs	4"
IPS BT FT 5	26.00 lbs	5"
IPS BT FT 6	31.00 lbs	6"
IPS BT FT 8	37.00 lbs	8"
IPS BT FT 10	45.00 lbs	10"
IPS BT FT 12	53.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP BT FT 6	31.00 lbs	6"
PIP BT FT 8	37.00 lbs	8"
PIP BT FT 10	45.00 lbs	10"
PIP BT FT 12	53.00 lbs	12"
PIP BT FT 15	63.00 lbs	15"
PIP BT FT18.7	73.00 lbs	18.7
PIP BT FT20.4	83.00 lbs	20.4



3", 4" & 5" OD gaskets available
– same price as IPS.

BOLT TITE CROSSES

IPS PART NUMBER

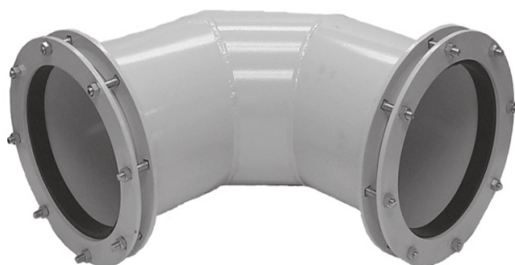
Part #	Part Weight	Part Size
IPS BT X 4	27.00 lbs	4"
IPS BT X 5	35.00 lbs	5"
IPS BT X 6	41.00 lbs	6"
IPS BT X 8	49.00 lbs	8"
IPS BT X 10	60.00 lbs	10"
IPS BT X 12	71.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP BT X 6	41.00 lbs	6"
PIP BT X 8	49.00 lbs	8"
PIP BT X 10	60.00 lbs	10"
PIP BT X 12	71.00 lbs	12"
PIP BT X 15	84.00 lbs	15"
PIP BT X 18.7	97.00 lbs	18.7
PIP BT X 20.4	111.00 lbs	20.4

BOLT TITE

Underground Epoxy / Galvanized



3", 4" & 5" OD gaskets available
– same price as IPS.

90 DEGREE ELBOWS

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS BT FE 4	18.00 lbs	4"
IPS BT FE 5	21.00 lbs	5"
IPS BT FE 6	22.00 lbs	6"
IPS BT FE 8	31.00 lbs	8"
IPS BT FE 10	45.00 lbs	10"
IPS BT FE 12	56.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP BT FE 6	22.00 lbs	6"
PIP BT FE 8	31.00 lbs	8"
PIP BT FE 10	45.00 lbs	10"
PIP BT FE 12	56.00 lbs	12"
PIP BT FE 15	62.00 lbs	15"
PIP BT FE 18	72.00 lbs	18.7"
PIP BT FE 20	82.00 lbs	20.4"



3", 4" & 5" OD gaskets available
– same price as IPS.

45 DEGREE ELBOWS

Other degree options available.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS BT FE 445	16.00 lbs	4"
IPS BT FE 545	18.00 lbs	5"
IPS BT FE 645	20.00 lbs	6"
IPS BT FE 845	26.00 lbs	8"
IPS BT FE1045	38.00 lbs	10"
IPS BT FE1245	46.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP BT FE 645	20.00 lbs	6"
PIP BT FE 845	26.00 lbs	8"
PIP BT FE1045	38.00 lbs	10"
PIP BT FE1245	46.00 lbs	12"
PIP BT FE1545	52.00 lbs	15"
PIP BT FE1845	62.00 lbs	18.7"
PIP BT FE2045	72.00 lbs	20.4"



STARTER COUPLER BODY ONLY

Requires starter flange pack.



Part #	Part Weight	Part Size
BTBS 3	5.00 lbs	3"
BTBS 4	6.00 lbs	4"
BTBS 5	6.00 lbs	5"
BTBS 6	7.00 lbs	6"
BTBS 8	9.00 lbs	8"
BTBS 10	13.00 lbs	10"
BTBS 12	16.00 lbs	12"
BTBS 15	19.00 lbs	15"
BTBS 18.7	22.00 lbs	18.7"
BTBS 20.4	25.00 lbs	20.4"

STARTER COUPLER FLANGE PACKS

Includes one flange, one gasket, and bolt pack.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS SFP 3	2.00 lbs	3"
IPS SFP 4	2.00 lbs	4"
IPS SFP 5	3.00 lbs	5"
IPS SFP 6	4.00 lbs	6"
IPS SFP 8	5.00 lbs	8"
IPS SFP 10	6.00 lbs	10"
IPS SFP 12	7.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP SFP 6	4.00 lbs	6"
PIP SFP 8	5.00 lbs	8"
PIP SFP 10	6.00 lbs	10"
PIP SFP 12	7.00 lbs	12"
PIP SFP 15	8.00 lbs	15"
PIP SFP 18.7	9.00 lbs	18.7"
PIP SFP 20.4	11.00 lbs	20.4"

BOLT TITE

Underground Epoxy / Galvanized

BOLT TITE BODIES ONLY 10" LENGTH

Requires flanges, gaskets, nuts, and bolts. Fits IPS, PIP & OD sizes.



Part #	Part Weight	Part Size
BTB 3 10	4.00 lbs	3"
BTB 4 10	4.00 lbs	4"
BTB 5 10	4.00 lbs	5"
BTB 6 10	5.00 lbs	6"
BTB 8 10	7.00 lbs	8"
BTB 10 10	9.00 lbs	10"
BTB 12 10	11.00 lbs	12"
BTB 15 10	13.00 lbs	15"

BOLT TITE 10" BODY FLANGE PACKS

Includes two flanges, two gaskets, nuts, and long bolts.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS LFP 3	3.00 lbs	3"
IPS LFP 4	4.00 lbs	4"
IPS LFP 5	7.00 lbs	5"
IPS LFP 6	8.00 lbs	6"
IPS LFP 8	9.00 lbs	8"
IPS LFP 10	14.00 lbs	10"
IPS LFP 12	16.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP/OD LFP 6	8.00 lbs	6"
PIP/OD LFP 8	9.00 lbs	8"
PIP/OD LFP 10	14.00 lbs	10"
PIP/OD LFP 12	16.00 lbs	12"
PIP/OD LFP 15	19.00 lbs	15"



BOLT TITE BODIES ONLY 18" LENGTH

Requires flanges, gaskets, nuts & bolts. Fits IPS, PIP & OD sizes.



Part #	Part Weight	Part Size
BTB 3 18	6.00 lbs	3"
BTB 4 18	8.00 lbs	4"
BTB 5 18	10.00 lbs	5"
BTB 6 18	13.00 lbs	6"
BTB 8 18	17.00 lbs	8"
BTB 10 18	24.00 lbs	10"
BTB 12 18	29.00 lbs	12"
BTB 15 18	36.00 lbs	15"
BTB 18.7 18	40.00 lbs	18.7"
BTB 20.4 X 18	46.00 lbs	20.4"

BOLT TITE 18" BODY FLANGE PACKS

Includes 2 flanges, 2 gaskets, nuts, and bolts for both sides.

IPS PART NUMBER

Part #	Part Weight	Part Size
IPS FP 3	3.00 lbs	3"
IPS FP 4	4.00 lbs	4"
IPS FP 5	7.00 lbs	5"
IPS FP 6	8.00 lbs	6"
IPS FP 8	9.00 lbs	8"
IPS FP 10	12.00 lbs	10"
IPS FP 12	15.00 lbs	12"

PIP PART NUMBER

Part #	Part Weight	Part Size
PIP FP 6	8.00 lbs	6"
PIP FP 8	9.00 lbs	8"
PIP FP 10	12.00 lbs	10"
PIP FP 12	15.00 lbs	12"
PIP FP 15	16.00 lbs	15"
PIP FP 18.7	18.00 lbs	18.7"
PIP FP 20.4	22.00 lbs	20.4"

BOLT TITE

Underground Epoxy / Galvanized

BOLT TITE PARTS

BOLT TITE GASKETS

IPS PART NUMBER



Part #	Part Weight	Part Size
IPS BTG 3	0.20 lbs	3"
IPS BTG 4	0.20 lbs	4"
IPS BTG 5	0.20 lbs	5"
IPS BTG 6	0.30 lbs	6"
IPS BTG 8	0.40 lbs	8"
IPS BTG 10	0.50 lbs	10"
IPS BTG 12	0.55 lbs	12"

PIP PART NUMBER



Part #	Part Weight	Part Size
PIP/OD BTG 6	0.65 lbs	6"
PIP/OD BTG 8	0.80 lbs	8"
PIP/OD BTG 10	1.00 lbs	10"
PIP/OD BTG 12	1.30 lbs	12"
PIP/OD BTG 15	1.60 lbs	15"
PIP/OD BTG 18	1.75 lbs	18.7"
PIP/OD BTG 20	1.90 lbs	20.4"

*O.D. BOLT TITE GASKETS

Part #	Part Weight	Part Size
OD BTG 3	0.20 lbs	3"
OD BTG 4	0.20 lbs	4"
OD BTG 5	0.20 lbs	5"

* These are transition gaskets. The outside will fit the IPS body, with the inside diameter fitting the PIP & OD size tubing.



BOLT TITE FLANGES

Part #	Part Size
BT FL 3	3"
BT FL 4	4"
BT FL 5	5"
BT FL 6	6"
BT FL 8	8"
BT FL 10	10"
BT FL 12	12"
BT FL 15	15"
BT FL 18.7	18.7"
BT FL 20.4	20.4"



NUTS AND BOLTS

Part #	Part Size
N1	$\frac{3}{8}$ " Nut
CB 2.5	$\frac{3}{8}$ " x 2.5"
CB 12	$\frac{3}{8}$ " x 12"

Stainless steel bolts with silicon bronze nuts available for non-corrosive options – consult the factory.



Coupler only less band and latch: PSECR 300 LBL

PRESS-ON QUICK LATCH COUPLER

Band, steel latch and gasket, one-inch riser outlet, entrance pan. Rubber gasket, drain type, provided unless otherwise specified.

Part #	Part Weight	Part Size
PSECR 200	2.00 lbs	2"
PSECR 300	3.00 lbs	3"
PSECR 400	3.50 lbs	4"



Coupler only less band and latch: SECR 300 LBL

WELD-ON QUICK LATCH COUPLER

1" riser outlet, entrance pan, band, and steel latch. Rubber gasket, drain type, provided unless otherwise specified.

Part #	Part Weight	Part Size
SECR 300	3.00 lbs	3"
SECR 400	3.50 lbs	4"
SECR 500	4.00 lbs	5"
SECR 600	5.00 lbs	6"



Coupler only less band and latch: CLO 300 LBL

CLAMP-ON QUICK LATCH COUPLER

Band, steel latch, and gaskets. Rubber gasket—drain type provided, unless otherwise specified. One-inch riser outlet.

Part #	Part Weight	Part Size
CLO 200	2.00 lbs	2"
CLO 300	3.00 lbs	3"
CLO 400	5.00 lbs	4"
CLO 500	6.00 lbs	5"
CLO 600	7.50 lbs	6"



RAIN FOR RENT TYPE SOLID SET WELD-ON COUPLER

Part #	Part Weight	Part Size
RFR 300 W *	3.00 lbs	3"
RFR PA *	0.50 lbs	Latch Pad Only

Price includes 3/4" steel riser insert and latch pad assembled.

** RFR style coupling and latch pad assembly.*



REDUCER

*Complete with band and latch. All aluminum construction.
Fabricated from cast coupler and tubing.*

Part #	Part Weight	Part Size
CR 302	2.00 lbs	3" x 2"
CR 403	3.00 lbs	4" x 3"
CR 504	4.00 lbs	5" x 4"
CR 604	5.50 lbs	6" x 4"
CR 605	5.00 lbs	6" x 5"

See steel section for larger sizes.

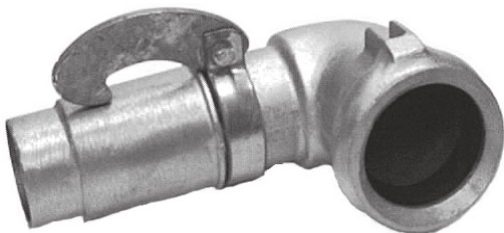


END PLUG

Complete with latch and handle (cast). All aluminum construction.

Part #	Part Weight	Part Size
CEP 200	1.00 lbs	2"
CEP 300	1.50 lbs	3"
CEP 400	2.00 lbs	4"
CEP 500	See steel options	5"
CEP 600	4.00 lbs	6"

See steel section for larger sizes.



Cast aluminum with steel latch.
Reversible male and female.

REVERSIBLE FIELD ELBOW 90 DEGREE

Part #	Part Weight	Part Size
RFEO 200	3.00 lbs	2"
RFEO 300	4.00 lbs	3"
RFEO 400	5.00 lbs	4"
RFEO 500	7.00 lbs	5"
RFEO 600	9.00 lbs	6"

*Available in 45 degree please consult factory for price.
See steel section for larger sizes.*



Cast aluminum with steel latch.
Reversible male and female.

REVERSIBLE LINE TEE / FIELD TEE

Part #	Part Weight	Part Size
RFLT 200	4.00 lbs	2"
RFLT 300	5.00 lbs	3"
RFLT 400	7.00 lbs	4"
RFLT 500	11.00 lbs	5"
RFLT 600	14.00 lbs	6"

See steel section for larger sizes.



Cast aluminum with steel latch.

END TEE

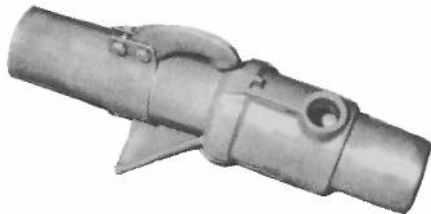
Part #	Part Weight	Part Size
FTO 200	6.00 lbs	2"
FTO 300	7.00 lbs	3"
FTO 400	10.00 lbs	4"
FTO 500	11.00 lbs	5"
FTO 600	14.00 lbs	6"

See steel section for larger sizes.

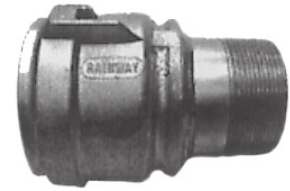
RAINWAY SOLID SET COUPLER

STANDARD LATCH POCKET

Cast aluminum coupler with 6" wide stabilizer pan to assure stability in the field.
Available with either 1" or 3/4" outlet. **Includes:** coupler, band, latch and gasket.



Part #	Part Weight	Coupler Size	Outlet Size
PSCS 300 100	2.50 lbs	3"	1"
PSCS 300 075	2.50 lbs	3"	3/4"



ALUMINUM DISCHARGE ADAPTER

Aluminum construction. For connecting main line to pumping unit.

Part #	Part Weight	Part Size
DA 1502	1.50 lbs	1 1/2" x 2"
DA 2002	1.50 lbs	2" x 2"
DA 1503	2.00 lbs	1 1/2" x 3"
DA 2003	2.00 lbs	2" x 3"
DA 3003	2.00 lbs	3" x 3"
DA 1504	2.50 lbs	1 1/2" x 4"
DA 2004	2.50 lbs	2" x 4"
DA 3004	2.50 lbs	3" x 4"
DA 4004	3.00 lbs	4" x 4"

Part #	Part Weight	Part Size
DA 3005	3.00 lbs	3" x 5"
DA 4005	4.00 lbs	4" x 5"
DA 3006	5.00 lbs	3" x 6"
DA 4006	6.00 lbs	4" x 6"
DA 5006	7.00 lbs	5" x 6"
DA 6006	9.00 lbs	6" x 6"
DA 6007	11.00 lbs	6" x 7"
DA 6008	7.00 lbs	6" x 8"
DA 8008	9.00 lbs	8" x 8"

For other sizes consult the factory.

ALUMINUM SUCTION ADAPTER

Aluminum construction. For connecting suction pipe to pumping unit.

Part #	Part Weight	Part Size
SA 1503	1.50 lbs	1 1/2" x 3"
SA 2003	2.00 lbs	2" x 3"
SA 2503	2.00 lbs	2 1/2" x 3"
SA 3003	2.00 lbs	3" x 3"
SA 2004	2.50 lbs	2" x 4"
SA 3004	2.50 lbs	3" x 4"
SA 4004	2.50 lbs	4" x 4"
SA 3005	3.00 lbs	3" x 5"
SA 4005	3.00 lbs	4" x 5"
SA 5005	3.00 lbs	5" x 5"



Part #	Part Weight	Part Size
SA 3006	4.00 lbs	3" x 6"
SA 4006	4.00 lbs	4" x 6"
SA 5006	4.00 lbs	5" x 6"
SA 6006	4.00 lbs	6" x 6"
SA 5007	4.50 lbs	5" x 7"
SA 6007	4.50 lbs	6" x 7"
SA 7007	4.50 lbs	7" x 7"
SA 5008	5.00 lbs	5" x 8"
SA 6008	5.00 lbs	6" x 8"
SA 7008	5.25 lbs	7" x 8"
SA 8008	5.25 lbs	8" x 8"

For other sizes please consult the factory.



Installs on section of lateral to provide sprinkler outlet.

STEEL CENTER RISER - 1" FIPT OUTLET

Press-on available — see Steel section.

Part #	Part Weight	Part Size
SCR 300	3.00 lbs	3"
SCR 400	4.00 lbs	4"
202885	0.10 lbs	O RING

Includes stabilizer foot.

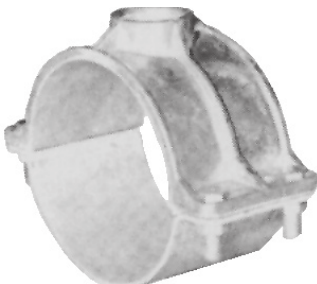


PRESS-IN CENTER OUTLET

Presses into aluminum tubing sections to provide sprinkler outlet.

Part #	Part Weight	Part Size
PCR 300 B	3.50 lbs	3"
PCR 400 B	4.00 lbs	4"

Reinforcing bridge is standard.



RISER GROMMET ASSEMBLY

Cast aluminum. Used for center riser. No part goes inside pipe.

Part #	Part Weight	Part Size
RG 300	1.25 lbs	3"
RG 400	1.25 lbs	4"
RG 500	1.50 lbs	5"
RG 600	2.00 lbs	6"
202886	0.10 lbs	O RING

For heavy-duty handling applications use steel center riser.



DROP-LOCK LATCH ADAPTER

Part #	Part Weight	Part Size
LA 367	0.70 lbs	3"

For use in connecting drop-lock couplers to valve openers.



DRAGLINE COUPLER



Part # Part Weight Part Size

WDLC 300 3.20 lbs 3"

WML 300 5.00 lbs 3"

Weld-on coupler, 3/4" outlet, half band and gasket.

DRAGLINE COUPLER FULL CAST MALE



Part # Part Weight Part Size

WDL ME 300 4.00 lbs 3"

Male end

Part # Part Weight Part Size

ME 300 1.00 lbs 3"

Weld-on coupler, 3/4" outlet, full cast metal end and gasket.

PRESS-ON POSITIVE LOCK COUPLER

*Coupler is complete with male end and non-drain gasket.
1" riser outlet provided.*



Part # Part Weight Part Size

PLCR 200 2.00 lbs 2"

PLCR 300 * 3.00 lbs 3"

PLCR 400 4.00 lbs 4"

**3" weld-on available on part number PLCR 300 W.*

MALE LATCH ONLY

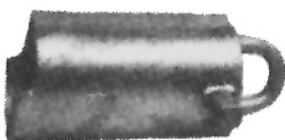
Part # Part Weight Part Size

PLML 200 0.30 lbs 2"

PLML 300 0.90 lbs 3"

PLML 400 0.50 lbs 4"

POSITIVE LOCK END PLUG



Part # Part Weight Part Size

PLC 200 3.00 lbs 2"

PLC 300 3.75 lbs 3"

PLC 400 4.00 lbs 4"



Heat treated, heavy-duty cast aluminum coupler. Recommended when high pressures are required.

HIGH PRESSURE RINGLOCK WELD-ON HIGH PRESSURE RINGLOCK

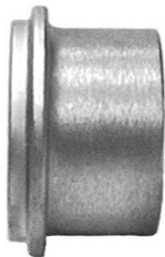
Part #	Part Weight	Part Size
HPRL 400	4.40 lbs	4"
HPRL 500	5.00 lbs	5"
HPRL 600	5.25 lbs	6"
HPRL 700	6.25 lbs	7"
HPRL 800	7.00 lbs	8"
HPRL 1000	8.10 lbs	10"
HPRL 1200	10.00 lbs	12"



Heat treated, heavy-duty cast aluminum coupler.

WELD-ON HIGH PRESSURE RINGLOCK - FEMALE END

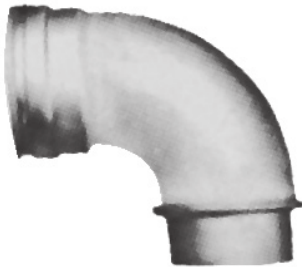
Part #	Part Weight	Part Size
HP F 400	1.50 lbs	4"
HP F 500	1.80 lbs	5"
HP F 600	2.40 lbs	6"
HP F 700	2.50 lbs	7"
HP F 800	2.75 lbs	8"
HP F 1000	3.50 lbs	10"
HP F 1200	5.50 lbs	12"



Heat treated, heavy-duty cast aluminum coupler.

WELD-ON HIGH PRESSURE RINGLOCK - MALE END

Part #	Part Weight	Part Size
HP M 400	1.20 lbs	4"
HP M 500	1.40 lbs	5"
HP M 600	1.75 lbs	6"
HP M 700	1.90 lbs	7"
HP M 800	2.00 lbs	8"
HP M 1000	2.25 lbs	10"
HP M 1200	3.50 lbs	12"



Fabricated from heavy-duty cast elbow and couplers.

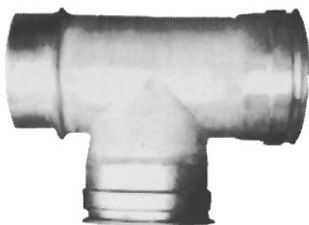
HIGH PRESSURE RINGLOCK MAINLINE ELBOW 90 DEGREE

Part #	Part Weight	Part Size
HPFE 400	4.30 lbs	4"
HPFE 500	5.50 lbs	5"
HPFE 600	7.25 lbs	6"
HPFE 700	10.00 lbs	7"
HPFE 800	10.75 lbs	8"
HPFE 1000	15.00 lbs	10"
HPFE 1200	20.00 lbs	12"



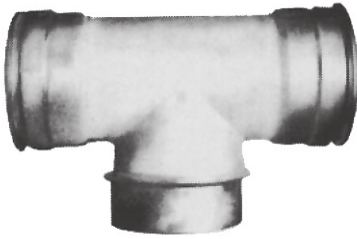
HIGH PRESSURE RINGLOCK MAINLINE ELBOW 45 DEGREE

Part #	Part Weight	Part Size
HPFE 400 45	3.20 lbs	4"
HPFE 500 45	4.30 lbs	5"
HPFE 600 45	5.25 lbs	6"
HPFE 700 45	6.50 lbs	7"
HPFE 800 45	7.75 lbs	8"
HPFE 1000 45	10.50 lbs	10"
HPFE 1200 45	14.50 lbs	12"



HIGH PRESSURE RINGLOCK MAINLINE FIELD TEE

Part #	Part Weight	Part Size
HPFT 400	6.00 lbs	4"
HPFT 500	7.50 lbs	5"
HPFT 600	8.75 lbs	6"
HPFT 700	12.00 lbs	7"
HPFT 800	13.00 lbs	8"
HPFT 1000	16.00 lbs	10"

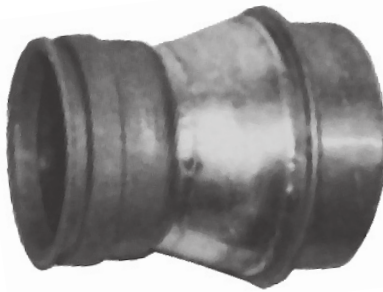


Fabricated from heavy-duty cast tee and couplers.

HIGH PRESSURE RINGLOCK MAINLINE END TEE

Part #	Part Weight	Part Size
HPET 400	6.00 lbs	4"
HPET 500	7.50 lbs	5"
HPET 600	8.75 lbs	6"
HPET 700	12.00 lbs	7"
HPET 800	13.00 lbs	8"
HPET 1000	16.00 lbs	10"

12" available in steel - see Steel section.



Fabricated from heavy-duty coupler and cast cone.

HIGH PRESSURE MAINLINE REDUCER

Part #	Part Weight	Part Size
HPR 405	3.30 lbs	4" x 5"
HPR 406	3.90 lbs	4" x 6"
HPR 506	3.80 lbs	5" x 6"
HPR 607	6.00 lbs	6" x 7"
HPR 608	6.50 lbs	6" x 8"
HPR 708	6.25 lbs	7" x 8"
HPR 8010	7.25 lbs	8" x 10"
HPR 1012	10.00 lbs	10" x 12"

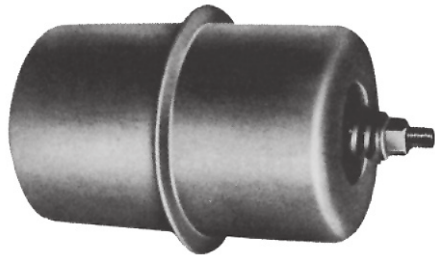


Fabricated from heavy-duty heat treated coupler and cover.

HIGH PRESSURE END PLUG

Part #	Part Weight	Part Size
HPEP 400	3.25 lbs	4"
HPEP 500	3.50 lbs	5"
HPEP 600	3.75 lbs	6"
HPEP 700	3.90 lbs	7"
HPEP 800	4.50 lbs	8"
HPEP 1000	5.50 lbs	10"

12" is also available in steel - see Steel section.



85 psi standard.

HIGH PRESSURE SURGE PLUG

Part #	Part Weight	Part Size
SRL SP 400	7.20 lbs	4"
SRL SP 500	7.80 lbs	5"
SRL SP 600	8.60 lbs	6"
SRL SP 700	9.00 lbs	7"
SRL SP 800	11.70 lbs	8"
SRL SP 1000	12.70 lbs	10"



Heavy-duty steel ringlock clamp.

HIGH PRESSURE RINGLOCK CLAMP

Part #	Part Weight	Part Size	Box Qty.
HPRLC 300	1.50 lbs	3"	300
HPRLC 400	1.60 lbs	4"	200
HPRLC 500	1.80 lbs	5"	175
HPRLC 600	2.00 lbs	6"	125
HPRLC 600 TL *	2.00 lbs	6"	125
HPRLC 700	2.25 lbs	7"	125
HPRLC 800	2.50 lbs	8"	100
HPRLC 800 TL *	2.50 lbs	8"	100
HPRLC 1000	3.25 lbs	10"	80
HPRLC 1200	3.75 lbs	12"	75

Oversized to fit gated pipe bell couplers.



Heavy-duty cast hose beads available in most sizes - call factory for details.

HIGH PRESSURE RINGLOCK FEMALE X ROLLED ALUMINUM HOSE BEAD

Part #	Part Weight	Part Size
HP F 400 HS	2.50 lbs	4"
HP F 500 HS	3.00 lbs	5"
HP F 600 HS	3.80 lbs	6"
HP F 700 HS	4.00 lbs	7"
HP F 800 HS	5.00 lbs	8"
HP F 1000 HS	6.00 lbs	10"
HP F 1200 HS	8.75 lbs	12"

Rolled Aluminum Raised Bead for Low Pressure ONLY in Larger Sizes.



Rolled Aluminum Raised Bead for Low Pressure ONLY in Larger Sizes.

HIGH PRESSURE RINGLOCK MALE X ROLLED ALUMINUM HOSE BEAD

Part #	Part Weight	Part Size
HP M 400 HS	2.00 lbs	4"
HP M 500 HS	2.50 lbs	5"
HP M 600 HS	3.20 lbs	6"
HP M 700 HS	3.40 lbs	7"
HP M 800 HS	4.25 lbs	8"
HP M 1000 HS	4.75 lbs	10"
HP M 1200 HS	6.75 lbs	12"

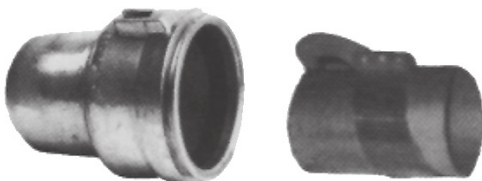
Heavy-duty cast hose beads available in most sizes - consult the factory.



WELD-ON HIGH PRESSURE TWIST LOCK

Part #	Part Weight	Part Size
TL 600 *	3.75 lbs	6" set
TL F 600	2.75 lbs	Female Only
TL M 600	1.00 lbs	Male End Ring
TL MF 600	2.75 lbs	Male End Full
TLG	—	Gasket

** Includes female and ring type male.*



PRESS ON MAINLINE WITH BAND AND LATCH

Part #	Part Weight	Part Size
PSECL 400	2.50 lbs	4"
PSECL 500	3.60 lbs	5"
PSECL 600	4.00 lbs	6"

Coupler presses into aluminum mainline. Includes coupler, gasket, band, latch. Available in steel — see Steel section.



PRESS ON MAINLINE RINGLOCK

Coupler presses into aluminum mainline. Includes coupler, gasket, steel ringlock clamp, press on male end.

Part #	Part Weight	Part Size
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RLPSEC 500	4.60 lbs	5"
RLPSEC 600	5.70 lbs	6"

Available in steel — see Steel section.



PRESS ON MAINLINE — ALUMINUM

Part #	Part Weight	Part Size
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PSEC 400	1.70 lbs	4"
PSEC 500	2.80 lbs	5"
PSEC 600	3.20 lbs	6"

*Coupler presses into aluminum mainline. Coupler and gasket only.
Available in steel — see Steel section.*



WELD-ON QUICK LATCH COUPLER ONLY

Cast aluminum with gasket recess. For gated pipe or high pressure operation. No band and latch. Gasket with 1" inner lip available for use in gated pipe.

Part #	Part Weight	Part Size
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SEC 300	1.25 lbs	3"
SEC 400	1.50 lbs	4"
SEC 500	1.75 lbs	5"
SEC 600 *	2.00 lbs	6"
SEC 700	2.50 lbs	7"
SEC 800 *	2.75 lbs	8"
SEC 1000 *	3.25 lbs	10"

**Can be used with ring lock or band and latch.*

WELD-ON QUICK LATCH COUPLER SET

Gasket, recess, band and steel latch. For main line service or gated pipe. Rubber gasket, non-drain, provided unless otherwise specified. Gasket with 1" inner lip available for use in gated pipe.



Part #	Part Weight	Part Size
SECL 300	2.50 lbs	3"
SECL 400	2.75 lbs	4"
SECL 500	3.25 lbs	5"
SECL 600	4.00 lbs	6"
SECL 700	4.25 lbs	7"
SECL 800	4.50 lbs	8"
SECL 1000	6.00 lbs	10"

EXPANDED BELL GATED PIPE WELD-ON RING TYPE COUPLER ROUND BACK GASKET

Permanent mold casting complete with rubber gasket (non-drain), and latch recess cast into rings. Gasket has 1" inner lip to assure sealing. For use on expanded bell end gated pipe.



Part #	Part Weight	Part Size
RBC 600	1.00 lbs	6"
RBC 700	1.20 lbs	7"
RBC 800	1.40 lbs	8"
RBC 1000	2.00 lbs	10"
RBC 1200	3.00 lbs	12"

EXPANDED BELL GATED PIPE WELD-ON RING TYPE COUPLER SQUARE BACK GASKET

Permanent mold casting complete with rubber gasket (non-drain), and latch recess cast into rings. Gasket has 1" inner lip to assure sealing. For use on expanded bell end-gated pipe.



Part #	Part Weight	Part Size
RC 600	1.00 lbs	6"
RC 800	1.40 lbs	8"
RC 1000	2.00 lbs	10"



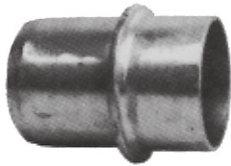
WELD-ON MALE END FOR RINGLOCK



Cast aluminum full 1" across.

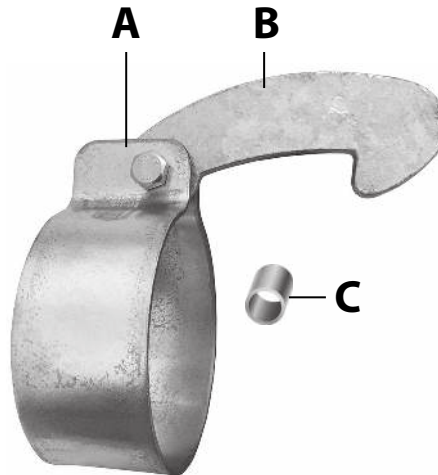
Part #	Part Weight	Part Size
R 600	1.00 lbs	6"
R 800	1.50 lbs	8"
R 1000	2.00 lbs	10"

PRESS ON MALE END



Steel only.

Part #	Part Weight	Part Size
SRL M 500	2.20 lbs	5"
SRL M 600	4.00 lbs	6"



FULL BAND AND LATCH (INCLUDING NUT, BOLT, & FERRULE) USES RAINWAY HOOK

Part #	Part Size
RW BL 200	2"
RW BL 300	3"
RW BL 400	4"
RW BL 500	5"
RW BL 600	6"
RW BL 700	7"
RW BL 800	8"
RW BL 1000	10"

(A) FULL BAND ONLY

Part #	Part Size
B 200	2"
B 300	3"
B 400	4"
B 500	5"
B 600	6"
B 700	7"
B 800	8"
B 1000	10"

(B) OUTSIDE LATCH RAINWAY GALVANIZED STEEL HOOK

Rainway Latch



(C) LATCH FERRULE

Ferrule A-5/16"





VOE 43 HW



VOE 44

UNIVERSAL VALVE ELBOW OPENERS

Fits all universal valves. 3/4" fipt side outlet standard. Rainway gaskets and parts.

Part #	Part Weight	Part Size
VOE 43	11.00 lbs	4" x 3"
VOE 44	11.00 lbs	4" x 4"
VOE 43 HW	11.00 lbs	4" x 3"
VOE 44 HW	11.00 lbs	4" x 4"

RAINWAY UNIVERSAL VALVE ELBOW & TEE OPENERS

Fits all universal valves. Can be ordered with chevron gasket instead of standard packing. Please specify. (3/4" fipt side outlet standard on 4" valve openers)



UVEO



UVEO-T

VALVE ELBOW

Part #	Part Weight	Part Size
UVEO 302	8.00 lbs	3" x 2"
UVEO 303	9.00 lbs	3" x 3"
UVEO 403	10.00 lbs	4" x 3"
UVEO 404	10.00 lbs	4" x 4"

VALVE TEE

Part #	Part Weight	Part Size
UVEO T 433	11.00 lbs	4" x 3" x 3"
UVEO T 444	11.00 lbs	4" x 4" x 4"

Available with hand-wheel — consult factory.
5", 6" and 8" valve openers available, see Steel sections.



UVEO-GS

ALUMINUM UNIVERSAL GUN STAND VALVE OPENER

Part #	Part Weight	Part Size
UVEO GS 303	11.00 lbs	3" x 3" FIPT
UVEO GS 403	13.00 lbs	4" x 3" FIPT

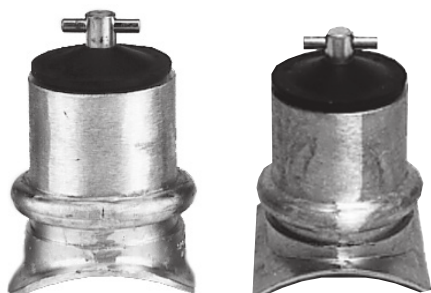
ALUMINUM SPECIALTY VALVE OPENERS

Part #	Part Weight	Part Size
RVEO 302	10.00 lbs	3" x 2"
RVEO 303	10.00 lbs	3" x 3"
RVEO 403	11.00 lbs	4" x 3"
RVEO 404	11.00 lbs	4" x 4"
RVEO 505	13.00 lbs	5" x 5"
RVEO 606	15.00 lbs	6" x 6"



RVEO

To be used with V, RVTC, SRVML, RVML series valves.



UNIVERSAL VALVE STUB

Part #	Part Weight	Part Size
UVS 404	3.50 lbs	4" x 4"
UVS 405	3.50 lbs	4" x 5"
UVS 406 *	3.50 lbs	4" x 6"
UVS 407	3.50 lbs	4" x 7"
UVS 408 *	3.50 lbs	4" x 8"
UVS 410 *	3.50 lbs	4" x 10"
UVS 412 *	3.50 lbs	4" x 12"

Available with optional brass or stainless steel stems - consult the factory.

**Comes with square pad.*

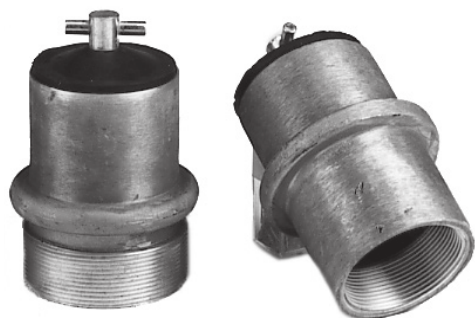


Aluminum weld on valve
to be used with WAD.

PLAIN UNIVERSAL VALVE STUB

Part #	Part Weight	Part Size
UVS 300	3.50 lbs	3"
UVS 400	3.50 lbs	4"
UVS 500	3.50 lbs	5"
UVS 600	4.40 lbs	6"

Available with optional brass or stainless steel stems - consult the factory.



TM—Threaded Male
TF—Threaded Female
First digit indicates valve size.
Second digit indicates thread size.

THREADED UNIVERSAL VALVE STUB

Part #	Part Weight	Part Size
UVS TM 3003	2.00 lbs	3" x 3"
UVS TM 4004	4.50 lbs	4" x 4"
UVS TF 3002	4.00 lbs	3" x 2"
UVS TF 3025	4.00 lbs	3" x 2 1/2"
UVS TF 3003	2.50 lbs	3" x 3"
UVS TF 4003	4.50 lbs	4" x 3"
UVS TF 4004	4.50 lbs	4" x 4"
UVS TF 5005	5.00 lbs	5" x 5"
UVS TF 6006	5.00 lbs	6" x 6"

Available with optional brass or stainless steel stems - consult the factory.



STEEL UNIVERSAL VALVE STUB

Part #	Part Weight	Part Size
UVS S 300	2.00 lbs	3"
UVS S 400	2.80 lbs	4"
UVS S 500	3.80 lbs	5"
UVS S 600	5.80 lbs	6"
UVS S 800	15.00 lbs	8"

Available with brass or stainless steel stems - consult the factory.



STEEL VALVE STUB W/MIPT

Second number designates thread size.

Part #	Part Weight	Part Size
UVS STM 3002	4.00 lbs	3"
UVS STM 3003	4.50 lbs	3"
UVS STM 4003	5.00 lbs	4"
UVS STM 4004	6.00 lbs	4"
UVS STM 5005	7.50 lbs	5"
UVS STM 6006	9.00 lbs	6"
UVS STM 8008	25.00 lbs	8"

Available with brass or stainless steel stems - consult the factory.



STEEL VALVE STUB W/FIPT

Second number designates thread size.

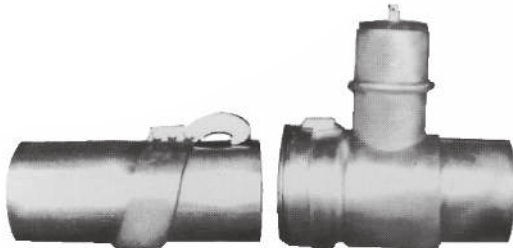
Part #	Part Weight	Part Size
UVS STF 3002	4.00 lbs	3"
UVS STF 3003	4.50 lbs	3"
UVS STF 4003	5.00 lbs	4"
UVS STF 4004	6.00 lbs	4"
UVS STF 5005	7.00 lbs	5"
UVS STF 6006	8.50 lbs	6"
UVS STF 8008	28.00 lbs	8"
UVS STF 1010	43.00 lbs	10"

Available with brass or stainless steel stems - consult the factory.



STEEL LUG-TYPE VALVE STUB

Part #	Part Weight	Part Size
UVS SL 300	2.00 lbs	3"
UVS SL 400	2.80 lbs	4"
UVS SL 500	3.80 lbs	5"
UVS SL 600	5.80 lbs	6"



UNIVERSAL VALVE TEE PRESS ON

Part #	Part Weight	Part Size
UVTL P 333	6.00 lbs	3" x 3" x 3"
UVTL P 444	6.50 lbs	4" x 4" x 4"
UVTL P 554	7.00 lbs	5" x 5" x 4"
UVTL P 664	8.00 lbs	6" x 6" x 4"

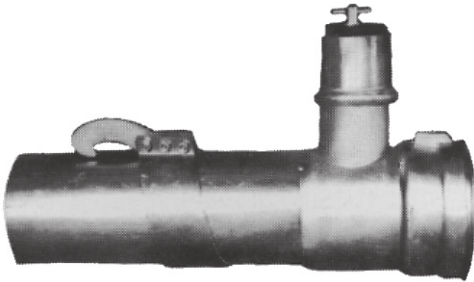
Quick connecting aluminum construction. Complete with bands, latch, and gasket. Available with brass or stainless steel stems – consult the factory. Stabilizer foot available for additional charge. Steel available — see steel section.

UNIVERSAL VALVE TEE WELD ON

Part #	Part Weight	Part Size
UVTL W 444	5.50 lbs	4" x 4" x 4"
UVTL W 554	6.00 lbs	5" x 5" x 4"
UVTL W 664	7.00 lbs	6" x 6" x 4"

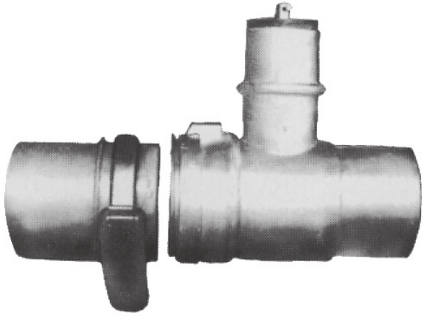
Quick connecting aluminum construction. Complete with bands, latch, and gasket. Available with brass or stainless steel stems – consult the factory. Stabilizer foot available for additional charge.

UNIVERSAL VALVE TEE IN-LINE



Part #	Part Weight	Part Size
UVTL L 333	6.00 lbs	3" x 3" x 3"
UVTL L 444	7.50 lbs	4" x 4" x 4"
UVTL L 554	8.50 lbs	5" x 5" x 4"
UVTL L 664	9.00 lbs	6" x 6" x 4"

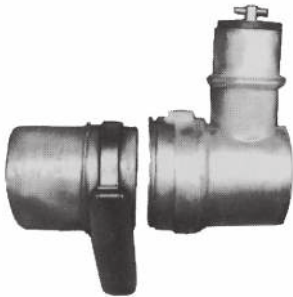
Quick connecting aluminum construction. Complete with bands, latch, and gasket. Stabilizer foot available for additional charge. Available with brass or stainless steel stems - consult the factory. Steel available — see Steel section.



UNIVERSAL PRESS-ON RING LOCK VALVE TEE

Part #	Part Weight	Part Size
RLUVT P 554	10.50 lbs	5" x 5" x 4"
RLUVT P 664	12.00 lbs	6" x 6" x 4"

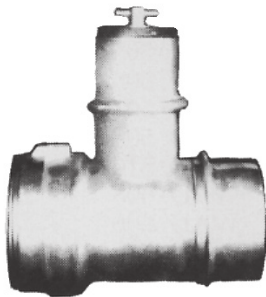
Aluminum construction complete with gasket, steel ring lock clamp, and male press-on ring. Stabilizer foot available for additional charge. Available with brass or stainless steel stems - consult the factory. Steel available - see Steel section.



UNIVERSAL WELD-ON RING LOCK VALVE TEE

Part #	Part Weight	Part Size
RLUVT W 554	9.00 lbs	5" x 5" x 4"
RLUVT W 664	10.50 lbs	6" x 6" x 4"

Aluminum construction complete with gasket, steel ring lock clamp, and male press-on ring. Stabilizer foot available for additional charge. Available with brass or stainless steel stems - consult the factory.



UNIVERSAL IN-LINE RING LOCK VALVE TEE

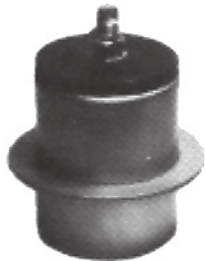
Part #	Part Weight	Part Size
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RLUVT-L 554	8.50 lbs	5" x 5" x 4"
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RLUVT-L 664	9.00 lbs	6" x 6" x 4"
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Couples into mainline to provide lateral take off. Does not include ring lock clamp. Available with brass or stainless steel stems – consult the factory. Stabilizer foot available for additional charge.

Steel available - see Steel section.



Plated steel valves.

STEEL WELD-ON VALVES

Part #	Part Weight	Part Size
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SRVML 406	5.00 lbs	4" x 6"
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SRVML 412	7.00 lbs	4" x 12"
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SRVML 506	6.00 lbs	5" x 6"
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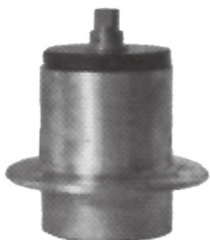
SRVML 512	8.00 lbs	5" x 12"
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SRVML 606	8.00 lbs	6" x 6"
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SRVML 612	10.00 lbs	6" x 12"
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For buried steel main lines—can be ordered with any length stub, depending on depth to which pipe is buried.

For use with RVEO valve openers.



ALUMINUM WELD-ON VALVES

Part #	Part Weight	Part Size
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V 300	4.00 lbs	3"
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V 400	5.00 lbs	4"
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V 500	6.00 lbs	5"
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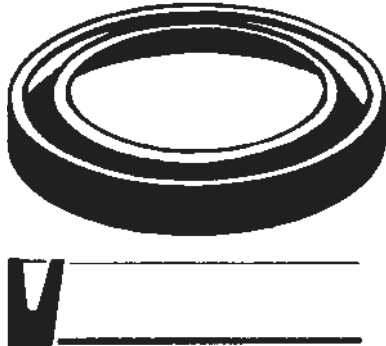
For aluminum above ground mains. Cast aluminum. 3/4" brass stem.

For use with RVEO valve openers.

RAINWAY GASKETS SQUARE BACK

For full box quantities add "FB" to the end of a part number

Example: E-1 3" FB



E-1 & E-2

Rainway 12" gasket 2008 and newer use round back gasket #E 3 12.

NON DRAIN

Part #	Part Size	Strings of 50	Less than 50
E-1 3"	3"	✓	✓
E-1 4"	4"	✓	✓
E-1 5"	5"	✓	✓
E-1 6"	6"	✓	✓
E-1 7"	7"	✓	✓
E-1 8"	8"	✓	✓
E-1 10"	10"	✓	✓
E-1 12"	12"	✓	✓
E-3 12"	12" Round	✓	✓

DRAIN

Part #	Part Size	Strings of 50	Less than 50
E-2 2"	2"	✓	✓
E-2 3"	3"	✓	✓
E-2 4" *	4"	✓	✓

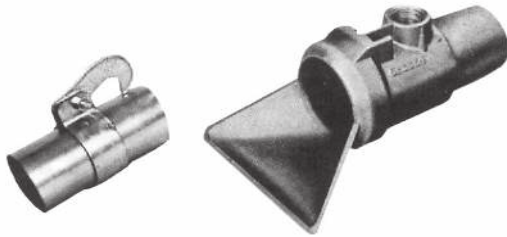
***Substitute G42 Interchangeable w/E 2**

4.

OLD STYLE RAINWAY ROUND BACK

NON DRAIN

Part #	Part Size	Strings of 50	Less than 50
E-3 2 RW"	2"	✓	✓
E-3 3RW"	3"	✓	✓



Drain gasket standard.

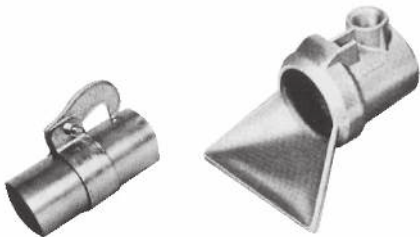
PRESS-IN LATERAL COUPLER

*Includes one band and latch assembly. Has 1" riser outlet.
May be ordered plugged at same price.*

Part #	Part Weight	Part Size
CX 2234	1.90 lbs	2"
CX 3334 *	2.80 lbs	3"
CX 4434	3.70 lbs	4"
CX 5534 **	4.80 lbs	5"
CX 6634 **	6.30 lbs	6"

* 3" Also available with 3/4" riser outlet.

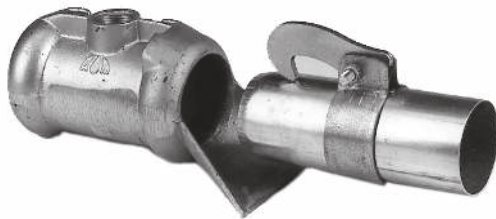
** 5" & 6" limited availability. Consult the factory.



WELD-ON LATERAL COUPLER

Part #	Part Weight	Part Size
CX 3334 W *	2.60 lbs	3"
CX 4434 W	3.20 lbs	4"

* 3" Also available with 3/4" riser outlet.

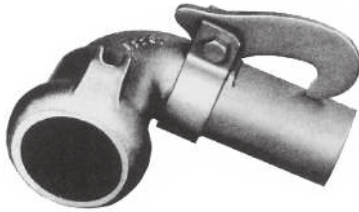


DETACHABLE LATERAL COUPLER

*Includes two band and latch assemblies. Drain gaskets standard.
Available with 1" riser outlet only.*

Part #	Part Weight	Part Size
CX 2230	3.00 lbs	2"
CX 3330	4.30 lbs	3"
CX 4430	5.20 lbs	4"
CX 5530	7.60 lbs	5"
CX 6630	8.80 lbs	6"

*5" & 6" limited availability. Consult the factory.

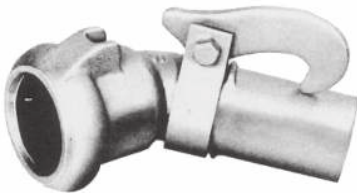


Non-drain gasket standard.

REVERSIBLE 90° MALE-FEMALE ELBOW

Part #	Part Weight	Part Size
E 2231	1.70 lbs	2"
E 3331	2.60 lbs	3"
E 4431	5.30 lbs	4"
E 5531	6.90 lbs	5"
E 6631	9.60 lbs	6"

Larger sizes available in steel. Consult the factory.

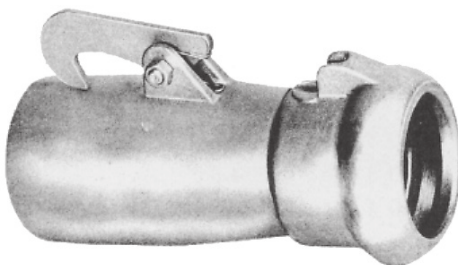


Non-drain gasket standard.

REVERSIBLE 45° MALE-FEMALE ELBOW

Part #	Part Weight	Part Size
E 2232	1.70 lbs	2" x 2"
E 3332	2.50 lbs	3" x 3"
E 4432	4.40 lbs	4" x 4"
E 5532	6.10 lbs	5" x 5"
E 6632	8.40 lbs	6" x 6"

Larger sizes available in steel. Consult the factory.

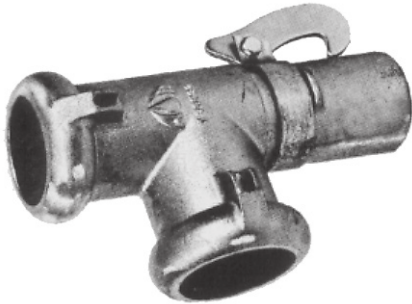


First digit indicates male end size.
Non-drain gasket standard.

DETACHABLE REDUCER

Part #	Part Weight	Part Size
CR 302 A *	1.60 lbs	3" x 2"
CR 403 A *	2.80 lbs	4" x 3"
R 5430	3.40 lbs	5" x 4"
R 6430	4.20 lbs	6" x 4"
R 6530	3.90 lbs	6" x 5"

* 3" x 2" & 4" x 3" Rainway fitting with A & M latch.



Non-drain gasket standard.

REVERSIBLE IN-LINE TEE

Part #	Part Weight	Part Size
RFLT 200 A *	2.70 lbs	2"
RFLT 300 A *	3.60 lbs	3"
RFLT 400 A *	6.80 lbs	4"
T 55532	8.60 lbs	5"
T 66632	11.50 lbs	6"

**Rainway fitting with A & M latch.
Larger sizes available in steel. Consult the factory.*

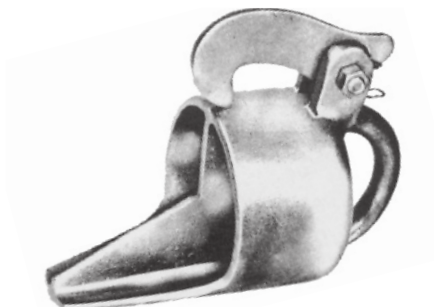


Non-drain gasket standard.

END TEE

Part #	Part Weight	Part Size
FTO 200 A *	2.60 lbs	2"
FTO 300 A *	3.80 lbs	3"
FTO 400 A *	4.80 lbs	4"
T 55531	6.90 lbs	5"
T 66631	7.10 lbs	6"

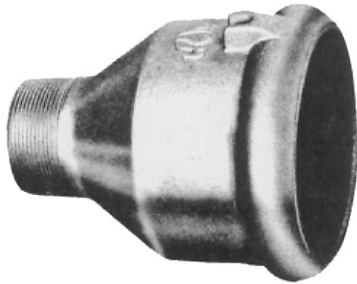
**Rainway fitting with A & M latch.
Larger sizes available in steel. Consult the factory.*



DETACHABLE END PLUG

Part #	Part Weight	Part Size
EP 20	0.80 lbs	2"
EP 30	1.20 lbs	3"
EP 40	1.70 lbs	4"
CEP 50 *	See steel options	5"
CEP 60 *	3.00 lbs	6"

*Larger sizes available in steel - see Steel section.
Rainway end plug.



First digit indicates male IPS thread size. Non-drain gasket standard. Used to connect pump to mainline.

ALUMINUM DISCHARGE ADAPTER

Part #	Part Weight	Part Size
D30 1½ X 2	0.80 lbs	1½" x 2"
D30 1½ X 3	1.50 lbs	1½" x 3"
D30 2 X 2	0.90 lbs	2" x 2"
D30 2 X 3	1.80 lbs	2" x 3"
D30 2 X 4	2.30 lbs	2" x 4"
D30 3 X 3	2.00 lbs	3" x 3"
D30 3 X 4	2.60 lbs	3" x 4"
D30 3 X 5	3.80 lbs	3" x 5"
D30 3 X 6	4.30 lbs	3" x 6"
D30 4 X 4	2.80 lbs	4" x 4"
D30 4 X 5	3.50 lbs	4" x 5"
D30 4 X 6	4.60 lbs	4" x 6"
D30 5 X 5	4.10 lbs	5" x 5"
D30 5 X 6	4.90 lbs	5" x 6"
D30 6 X 6	5.00 lbs	6" x 6"
D30 6 X 7	5.40 lbs	6" x 7"
D30 6 X 8	6.00 lbs	6" x 8"



STEEL PRESS-IN CENTER OUTLET

Part #	Part Weight
PCR 300 B	3.50 lbs
PCR 400 B	4.00 lbs

Idaho foot style.

Reinforcing bridge standard.

Presses into aluminum tubing sections to provide sprinkler outlet.



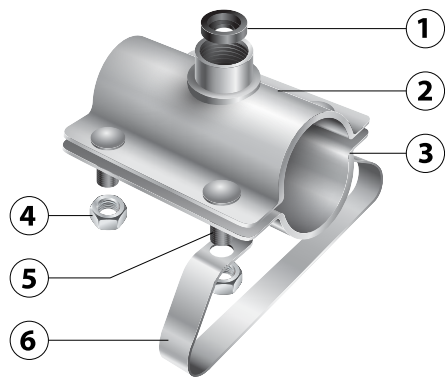
Installs on section of lateral to provide sprinkler outlet.

STEEL CENTER RISER - 1" FIPT OUTLET

Press-on available — See Steel Section

Part #	Part Weight	Part Size
SCR 300	3.00 lbs	3"
SCR 400	4.00 lbs	4"
202885	0.10 lbs	O RING

Includes stabilizer foot.



Part #	Size	Description
① 202885	3" & 4"	O-Ring
② B 37Q	3"	Top
② B 47Q	4"	Top
③ B 38	3"	Bottom
③ B 48	4"	Bottom
④ 200152	3" & 4"	Nut
⑤ 200232	3" & 4"	Bolt
⑥ F 30	3"	Foot
⑥ F 40	4"	Foot



Complete with male end and non-drain gasket

DROP-LOCK LATERAL COUPLER

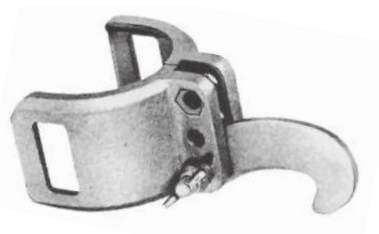
Part #	Part Weight	Part Size
PLCR 300	1.40 lbs	3"

Available in weld on.



DROP-LOCK END PLUG

Part #	Part Weight	Part Size
PLC 300	0.70 lbs	3"



DROP-LOCK LATCH ADAPTER

Part #	Part Weight	Part Size
LA 367	0.70 lbs	3"

For use in connecting drop-lock couplers to valve openers.



DETACHABLE MAINLINE COUPLER



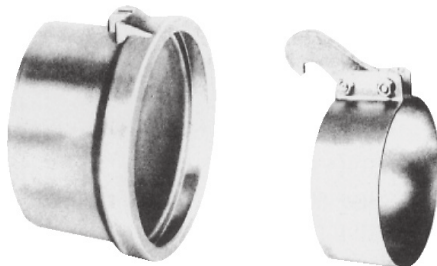
Part #	Part Weight	Part Size
CX 3335	3.40 lbs	3"
CX 4435	4.60 lbs	4"
CX 5535	6.80 lbs	5"
CX 6635	7.70 lbs	6"
CX 7735	9.50 lbs	7"
CX 8835	10.90 lbs	8"
CX 1035	14.10 lbs	10"

Includes two band and latch assemblies.

Non-drain gasket standard.

Not recommended for operating pressure over 80 PSI.

WELD ON MAINLINE COUPLER



Includes one band and latch assembly.
Non-drain gasket standard.

Part #	Part Weight	Part Size
CX 3335 A	1.60 lbs	3"
CX 4435 A	2.30 lbs	4"
CX 5535 A	3.40 lbs	5"
CX 6635 A	3.80 lbs	6"
CX 7735 A	4.80 lbs	7"
CX 8835 A	5.40 lbs	8"
CX 1035 A	7.00 lbs	10"

PRESS-IN MAINLINE COUPLER



Part #	Part Weight	Part Size
CX 4436	2.80 lbs	4"
CX 5536	4.00 lbs	5"
CX 6636	5.30 lbs	6"

Includes one band and latch assembly.

Non-drain gasket standard.

Not recommended for operating pressure over 80 PSI.



Heat treated, heavy-duty cast aluminum coupler. Recommended when high pressures are required.

HIGH PRESSURE RINGLOCK WELD-ON HIGH PRESSURE RINGLOCK

Part #	Part Weight	Part Size
HPRL 400	4.40 lbs	4"
HPRL 500	5.00 lbs	5"
HPRL 600	5.25 lbs	6"
HPRL 700	6.25 lbs	7"
HPRL 800	7.00 lbs	8"
HPRL 1000	8.10 lbs	10"
HPRL 1200	10.00 lbs	12"

A & M 66 & 55 series available on special order. Consult the factory.

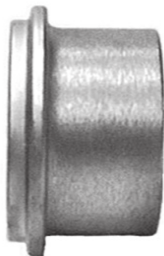


Heat treated, heavy-duty cast aluminum coupler.

WELD-ON HIGH PRESSURE RINGLOCK - FEMALE END

Part #	Part Weight	Part Size
HP F 400	1.50 lbs	4"
HP F 500	1.80 lbs	5"
HP F 600	2.40 lbs	6"
HP F 700	2.50 lbs	7"
HP F 800	2.75 lbs	8"
HP F 1000	3.50 lbs	10"
HP F 1200	5.50 lbs	12"

A & M 66 & 55 series available on special order. Consult the factory.

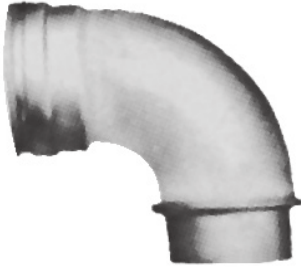


Heat treated, heavy-duty cast aluminum coupler.

WELD-ON HIGH PRESSURE RINGLOCK - MALE END

Part #	Part Weight	Part Size
HP M 400	1.20 lbs	4"
HP M 500	1.40 lbs	5"
HP M 600	1.75 lbs	6"
HP M 700	1.90 lbs	7"
HP M 800	2.00 lbs	8"
HP M 1000	2.25 lbs	10"
HP M 1200	3.50 lbs	12"

A & M 66 & 55 series available on special order. Consult the factory.



Fabricated from heavy-duty cast elbow and couplers.

HIGH PRESSURE RINGLOCK MAINLINE ELBOW 90 DEGREE

Part #	Part Weight	Part Size
HPFE 400	4.30 lbs	4"
HPFE 500	5.50 lbs	5"
HPFE 600	7.25 lbs	6"
HPFE 700	10.00 lbs	7"
HPFE 800	10.75 lbs	8"
HPFE 1000	15.00 lbs	10"
HPFE 1200	20.00 lbs	12"

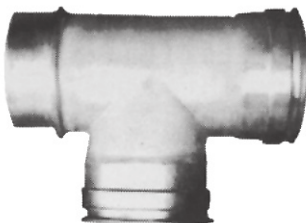
A & M 66 & 55 series available on special order. Consult the factory.



HIGH PRESSURE RINGLOCK MAINLINE ELBOW 45 DEGREE

Part #	Part Weight	Part Size
HPFE 400 45	3.20 lbs	4"
HPFE 500 45	4.30 lbs	5"
HPFE 600 45	5.25 lbs	6"
HPFE 700 45	6.50 lbs	7"
HPFE 800 45	7.75 lbs	8"
HPFE 1000 45	10.50 lbs	10"
HPFE 1200 45	14.50 lbs	12"

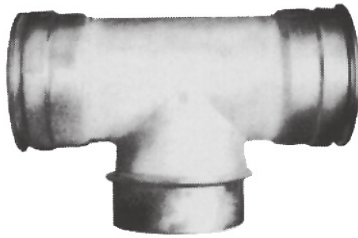
A & M 66 & 55 series available on special order. Consult the factory.



HIGH PRESSURE RINGLOCK MAINLINE FIELD TEE

Part #	Part Weight	Part Size
HPFT 400	6.00 lbs	4"
HPFT 500	7.50 lbs	5"
HPFT 600	8.75 lbs	6"
HPFT 700	12.00 lbs	7"
HPFT 800	13.00 lbs	8"
HPFT 1000	16.00 lbs	10"

A & M 66 & 55 series available on special order. Consult the factory.



Fabricated from heavy-duty cast tee and couplers.

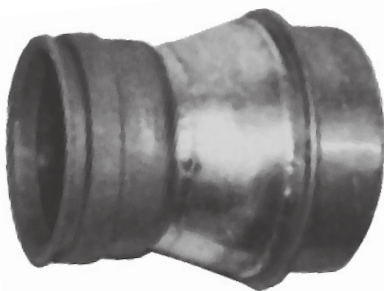
HIGH PRESSURE RINGLOCK MAINLINE END TEE

Part #	Part Weight	Part Size
HPET 400	6.00 lbs	4"
HPET 500	7.50 lbs	5"
HPET 600	8.75 lbs	6"
HPET 700	12.00 lbs	7"
HPET 800	13.00 lbs	8"
HPET 1000	16.00 lbs	10"

12" available in steel - see Steel section.

A & M 66 & 55 series available on special order.

Consult the factory.



Fabricated from heavy-duty coupler and cast cone.

HIGH PRESSURE MAINLINE REDUCER

Part #	Part Weight	Part Size
HPR 405	3.30 lbs	4" x 5"
HPR 406	3.90 lbs	4" x 6"
HPR 506	3.80 lbs	5" x 6"
HPR 607	6.00 lbs	6" x 7"
HPR 608	6.50 lbs	6" x 8"
HPR 708	6.25 lbs	7" x 8"
HPR 8010	7.25 lbs	8" x 10"
HPR 1012	10.00 lbs	10" x 12"

A & M 66 & 55 series available on special order.

Consult the factory.



Fabricated from heavy-duty heat treated coupler and cover.

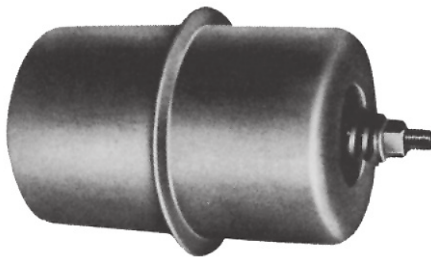
HIGH PRESSURE END PLUG

Part #	Part Weight	Part Size
HPEP 400	3.25 lbs	4"
HPEP 500	3.50 lbs	5"
HPEP 600	3.75 lbs	6"
HPEP 700	3.90 lbs	7"
HPEP 800	4.50 lbs	8"
HPEP 1000	5.50 lbs	10"

12" is also available in steel - see Steel section.

A & M 66 & 55 series available on special order.

Consult the factory.

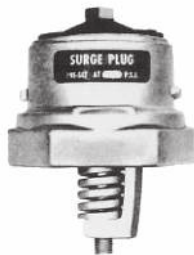


85 psi standard.

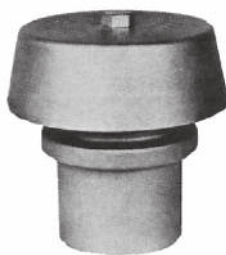
HIGH PRESSURE SURGE PLUG

Part #	Part Weight	Part Size
SRL SP 400	7.20 lbs	4"
SRL SP 500	7.80 lbs	5"
SRL SP 600	8.60 lbs	6"
SRL SP 700	9.00 lbs	7"
SRL SP 800	11.70 lbs	8"
SRL SP 1000	12.70 lbs	10"

A & M 66 & 55 series available on special order. Consult the factory.



SEP 41, SEP 43



SEP 4325SP

PRESSURE RELIEF VALVE

Part #	Part Weight	Part Size
SEP 41	5.50 lbs	4" FPT
SEP 43*	6.00 lbs	4" FPT
SEP43 SP	7.00 lbs	4" FPT
SEP 4325	5.00 lbs	3" FPT
SEP 4325 SP	6.00 lbs	3" FPT

***SEP 43 & SEP 43 SP, settings 125 to 180 PSI.**

Preset at factory to release at 80 PSI. Contact the factory for higher or lower setting. Splash pan (SP) optional.



Heavy-duty steel ringlock clamp.

HIGH PRESSURE RINGLOCK CLAMP

Part #	Part Weight	Part Size	Box Qty.
HPRLC 300	1.50 lbs	3"	300
HPRLC 400	1.60 lbs	4"	200
HPRLC 500	1.80 lbs	5"	175
HPRLC 600	2.00 lbs	6"	125
HPRLC 600 TL *	2.00 lbs	6"	125
HPRLC 700	2.25 lbs	7"	125
HPRLC 800	2.50 lbs	8"	100
HPRLC 800 TL *	2.50 lbs	8"	100
HPRLC 1000	3.25 lbs	10"	80
HPRLC 1200	3.75 lbs	12"	75

Oversized to fit gated pipe bell couplers.

A & M 66 & 55 series available on special order. Consult the factory.



Heavy-duty cast hose beads available in most sizes – consult the factory for details.

Rolled Aluminum Raised Bead for Low Pressure ONLY in Larger Sizes.

HIGH PRESSURE RINGLOCK FEMALE X ROLLED ALUMINUM HOSE BEAD

Part #	Part Weight	Part Size
HP F 400 HS	2.50 lbs	4"
HP F 500 HS	3.00 lbs	5"
HP F 600 HS	3.80 lbs	6"
HP F 700 HS	4.00 lbs	7"
HP F 800 HS	5.00 lbs	8"
HP F 1000 HS	6.00 lbs	10"
HP F 1200 HS	8.75 lbs	12"

A & M 66 & 55 series available on special order. Consult the factory.



Rolled Aluminum Raised Bead for Low Pressure ONLY in Larger Sizes.

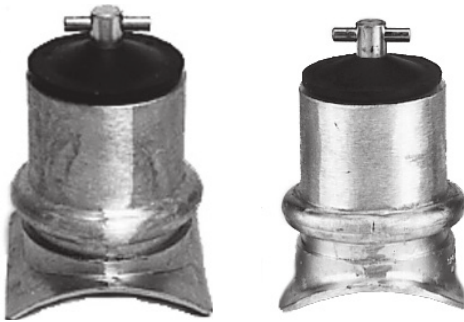
HIGH PRESSURE RINGLOCK MALE X ROLLED ALUMINUM HOSE BEAD

Part #	Part Weight	Part Size
HP M 400 HS	2.00 lbs	4"
HP M 500 HS	2.50 lbs	5"
HP M 600 HS	3.20 lbs	6"
HP M 700 HS	3.40 lbs	7"
HP M 800 HS	4.25 lbs	8"
HP M 1000 HS	4.75 lbs	10"
HP M 1200 HS	6.75 lbs	12"

Heavy-duty cast hose beads available in most sizes. A & M 66 & 55 series available on special order. Consult the factory.



ALUMINUM SADDLE VALVE

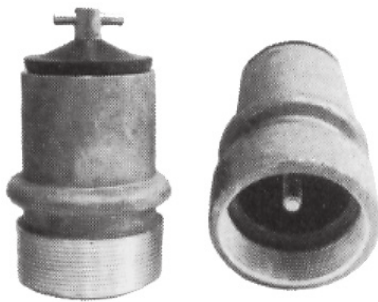


Part #	Part Weight	Part Size
UVS 404	3.50 lbs	4" x 4"
UVS 405	3.50 lbs	4" x 5"
UVS 406 *	3.50 lbs	4" x 6"
UVS 407	3.50 lbs	4" x 7"
UVS 408 *	3.50 lbs	4" x 8"
UVS 410 *	3.50 lbs	4" x 10"
UVS 412 *	3.50 lbs	4" x 12"

Used with 33 series valve opener.

Available with brass or stainless stems – consult the factory.

**Comes with square pad.*



TM — Threaded male

TF — Threaded Female

First digit indicates valve size.

Second digit indicates thread size.

Available with brass or stainless stems
— consult the factory.

THREADED UNIVERSAL VALVE STUB

Part #	Part Weight	Part Size
UVS TM 3003	2.00 lbs	3" x 3"
UVS TM 4004	4.50 lbs	4" x 4"
UVS TF 3002	4.00 lbs	3" x 2"
UVS TF 3025	4.00 lbs	3" x 2 $\frac{1}{2}$ "
UVS TF 3003	2.50 lbs	3" x 3"
UVS TF 4003	4.50 lbs	4" x 3"
UVS TF 4004	4.50 lbs	4" x 4"
UVS TF 5005	5.00 lbs	5" x 5"
UVS TF 6006	5.00 lbs	6" x 6"



Aluminum weld on valve
to be used with WAD.

PLAIN UNIVERSAL VALVE STUB

Part #	Part Weight	Part Size
UVS 300	3.50 lbs	3"
UVS 400	3.50 lbs	4"
UVS 500	3.50 lbs	5"
UVS 600	4.40 lbs	6"

Available with optional brass or stainless steel stems – consult the factory.



VR 6624



VR 6623

ALUMINUM 6" RISER VALVE

Part #	Part Weight	Part Size
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VR 6623	6.30 lbs	6"
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VR 6624	9.10 lbs	6"
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Used with 32 series valve opener.

VR 6624 has 6"FIPT Thread.



STAMPED ALUMINUM SADDLE VALVE ADAPTER

Part #	Part Weight	Part Size
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SVA 542	0.50 lbs	5"
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SVA 642	0.50 lbs	6"
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SVA 742	0.50 lbs	7"
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SVA 842	0.50 lbs	8"
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SVA 1042	0.50 lbs	10"
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For 4" riser valves only.

Used in welding riser valves to aluminum mainline.

Other options available - see fabrication section.

VALVE OPENING ELBOW & TEE FOR 4" UNIVERSAL RISER VALVE



4" Valve Opener

Part #	Part Weight	Part Size
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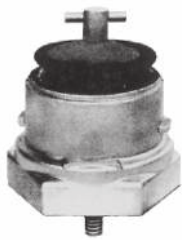
VO 4333 *	6.00 lbs	4" x 3"
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VO 4433	6.60 lbs	4" x 4"
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VO 34333 *	7.50 lbs	3" x 4" x 3"
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VO 44433	7.80 lbs	4" x 4" x 4"
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**Comes standard with 3/4" FIPT side outlet.*



VR 4421



VR 4422

4" I.D. ALUMINUM RISER VALVE (4 1/2" O.D.)

Part #	Part Weight	Part Size
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VR 4421	3.60 lbs	4" I.D.
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VR 4422	2.00 lbs	4" I.D.
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Used with 31 series valve opener.

VR 4421 has 4" FIPT threaded base.

VALVE OPENING ELBOW FOR 4" I.D. RISER VALVE

Part #	Part Weight	Part Size
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VO 4331	6.80 lbs	4" x 3"
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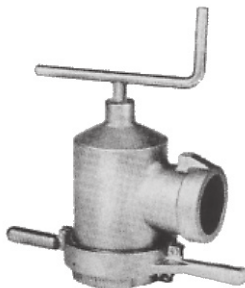
VO 4431	7.30 lbs	4" x 4"
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VO 4531	7.60 lbs	4" x 5"
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Used with 33 series tee valve and 21, and 22 series riser valves.

G 452 gasket included for bottom seal on 31 series valve opener only.

Non-drain gasket standard for lateral outlet.



VALVE OPENING TEE FOR 4" I.D. RISER VALVE

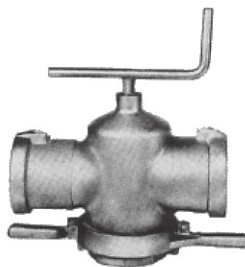
Part #	Part Weight	Part Size
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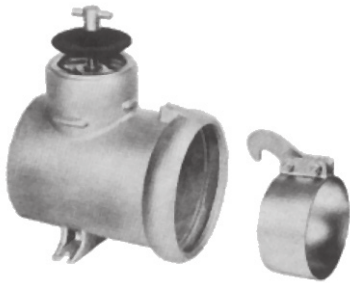
VO 34331	7.40 lbs	3" x 4" x 3"
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VO 44431	7.90 lbs	4" x 4" x 4"
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G 452 gasket included for bottom seal on 31 series valve opener only.

Non-drain gasket standard for lateral outlet.



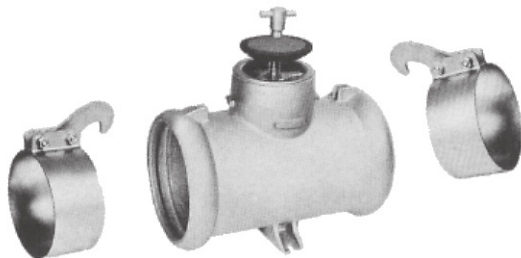


WELD-ON TEE 4" I.D. VALVE

Includes two band and latch assembly. Non-drain gasket standard.

Part #	Part Weight	Part Size
VTX 4433 W	6.10 lbs	4"
VTX 5533 W	7.30 lbs	5"
VTX 6633 W	8.10 lbs	6"

Used with 31 series valve opener.



DETACHABLE TEE 4" I.D. VALVE

Includes two band and latch assembly. Non-drain gasket standard.

Part #	Part Weight	Part Size
VTX 4433	8.30 lbs	4"
VTX 5533	10.90 lbs	5"
VTX 6633	11.60 lbs	6"

Used with 31 series valve opener.

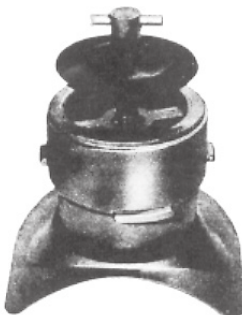
Limited availability, consult the factory.



IN-LINE TEE 4" I.D. VALVE

Part #	Part Weight	Part Size
VT 4433 M 4	7.50 lbs	4"
VT 5533 M 4	9.10 lbs	5"
VT 6633 M 4	10.10 lbs	6"

Used with 31 series valve opener.



VR SADDLE 4" I.D. VALVE

Part #	Part Weight	Part Size
VR SVA 5422	2.90 lbs	5"
VR SVA 6422	2.90 lbs	6"
VR SVA 7422	2.90 lbs	7"
VR SVA 8422	2.90 lbs	8"
VR SVA 10422	2.90 lbs	10"

Used with 31 series valve opener.



BAND AND LATCH ASSEMBLY - A&M



Shipped unassembled.
Not recommended for operating
pressures over 80 PSI.

Part #	Part Weight	Part Size
BL 200	0.80 lbs	2"
BL 300	0.90 lbs	3"
BL 400	1.20 lbs	4"
BL 500	1.80 lbs	5"
BL 600	2.00 lbs	6"
BL 700	2.50 lbs	7"
BL 800	3.00 lbs	8"
BL 1000	3.40 lbs	10"

BAND AND LATCH ASSEMBLY PARTS

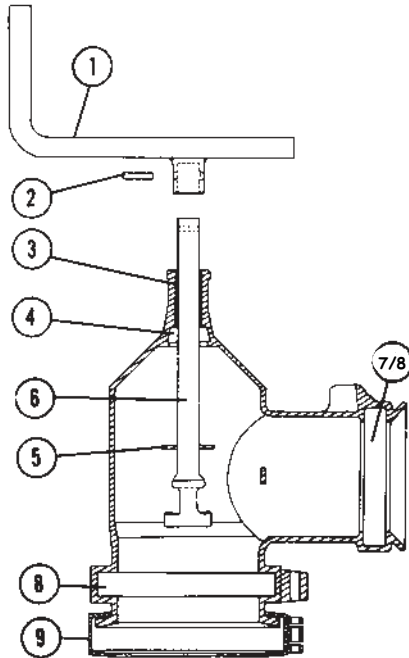
Part #	Size	Bolt Part #	Latch Part #	Band Part #	Bushing Part #	Spring Part #	Nut Part #
BL 200	2"	200277	201007	B 200	201101	201154	200152
BL 300	3"	200277	201007	B 300	201101	201154	200152
BL 400	4"	200277	201007	B 400	201101	201154	200152
BL 500	5"	200277 (2 req.)	201007	B 500	201101	201154	200152 (2 req.)
BL 600	6"	200277 (2 req.)	201007	B 600	201101	201154	200152 (2 req.)
BL 700	7"	200277 (2 req.)	201007	B 700	201101	201154	200152 (2 req.)
BL 800	8"	200277 (2 req.)	201007	B 800	201101	201154	200152 (2 req.)
BL 1000	10"	200277 (2 req.)	201007	B 1000	201101	201154	200152 (2 req.)



A&M PARTS CROSS REFERENCE

Part #	Valve Size	Part Size
Stem 6 ³ / ₄	4"	6 ³ / ₄ " stem
Stem 9	6"	9" stem
Domed disc 4	4"	4" domed disc
Domed disc 6	6"	6" domed disc

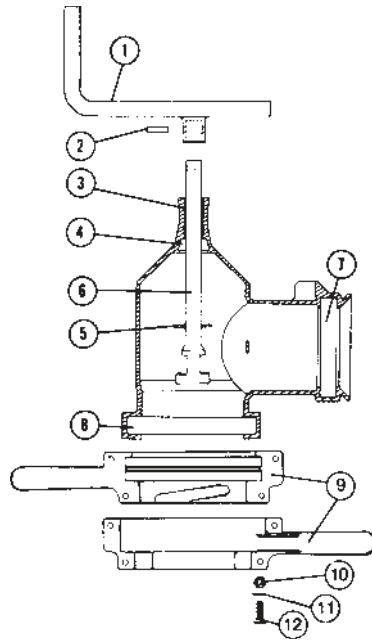
Check with factory for quantity prices.



33 SERIES RING LOCK OPENER FITS STANDARD 4" VALVES

	Part #	Size	Description
❶	202772	3" & 4"	Handle
❷	200529	3" & 4"	Spring Pin
❸	202882	3" & 4"	Bearing
❹	202880	3" & 4"	Seal
❺	200306	3" & 4"	Washer
❻	202774	3" & 4"	Shaft & Socket Assembly
❼	G 33	3"	Gasket
❽	G 43	4"	Gasket
❾	RL 4333	3" & 4"	Ring Lock

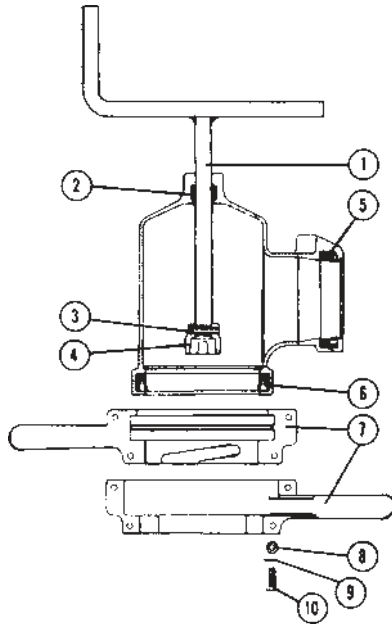
Fits universal ring lock valves.



VO 4331 & VO 4431 31 SERIES OPENER - FITS 4" I.D. TWIST LOCK VALVES

Part #	Size	Description
❶ 202772	3" & 4"	Handle
❷ 200529	3" & 4"	Spring Pin
❸ 202882	3" & 4"	Bearing
❹ 202880	3" & 4"	Seal
❺ 200306	3" & 4"	Shaft Washer
❻ 202774	3" & 4"	Shaft & Socket Assembly
❼ G 33	3"	Gasket
❼ G 43	4"	Gasket
❽ G 452	4 1/2"	Gasket
❾ 202654C	3" & 4"	Bottom Handle Set*
❿ 200150	3" & 4"	Nut (4 req.)
⓫ 200350	3" & 4"	Washer (4 req.)
⓬ 200291	3" & 4"	Bolt (4 req.)

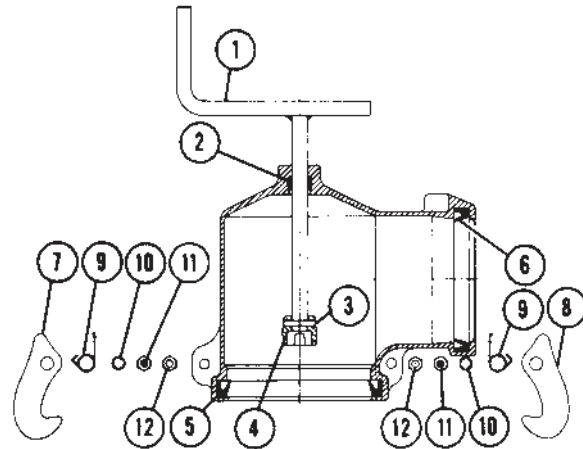
*Includes items 10, 11 & 12



VO 4531 - OBSOLETE PARTS REFERENCE ONLY

Part #	Description
❶ 202762	Handle & Shaft
❷ 202880	Seal
❸ 200508	Spring Pin
❹ 202604C	Socket
❺ G 53	Gasket
❻ G 452	Gasket
❼ 202654C	Bottom Handle Set *
❽ 200150	Nut (4 req.)
❾ 200350	Washer (4 req.)
❿ 200291	Bolt (4 req.)

*Includes items 8, 9 & 10



32 SERIES OPENER - OBSOLETE PARTS REFERENCE ONLY

Part #	Size	Description
❶ 202762	4", 5" & 6"	Handle & Shaft
❷ 202880	4", 5" & 6"	Seal
❸ 200508	4", 5" & 6"	Spring Pin
❹ 202604C	4", 5" & 6"	Socket
❺ ❻ G 62	6"	Valve Gasket
❽ G 43	4"	Gasket
❾ G 52	5"	Gasket
❼ 201007	4", 5" & 6"	Latch
❽ 201018	4", 5" & 6"	Latch (Obsolete)
❾ 201154	4", 5" & 6"	Spring (2 req.)
❿ 201101	4", 5" & 6"	Bushing (2 req.)
⓫ 200277	4", 5" & 6"	Bolt (2 req.)
⓫ 200152	4", 5" & 6"	Hex Nut (4 req.)
⓫ 200306	5" & 6"	Washer
⓫ 202756	5" & 6"	Spacer



Gasket numbers are stamped on the inside lip of each gasket.

* 4-1/2" special V.O. Gasket G 452.

A&M GASKETS

NON-DRAIN

Part # **Part Size** *Strings of 50* *Less than 50*

G 23	2"	✓	✓
G 33	3"	✓	✓
G 43	4"	✓	✓
G 452 *	4 1/2 "	✓	✓
G 53	5"	✓	✓
G 63	6"	✓	✓
G 73	7"	✓	✓
G 83	8"	✓	✓
G 103	10"	✓	✓

DRAIN

Part # **Part Size** *Strings of 50* *Less than 50*

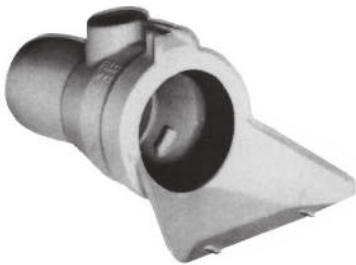
G 22	2"	✓	✓
G 32	3"	✓	✓
G 42	4"	✓	✓
G 52	5"	✓	✓
G 62	6"	✓	✓
G 82	8"	✓	✓

HIGH PRESSURE OR SOLID SET

A&M 55 SERIES COUPLERS

Part # **Part Size** *Strings of 50* *Less than 50*

3 G 5	3"	✓	✓
4 G 5	4"	✓	✓
5 G 5	5"	✓	✓
6 G 5	6"	✓	✓
8 G 5	8"	✓	✓
10 G 5	10"	✓	✓

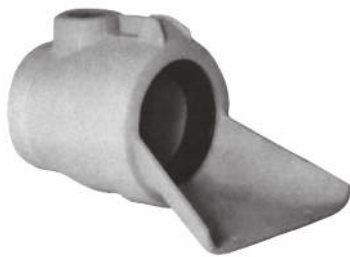


PRESS-IN LATERAL COUPLER - CAST ALUMINUM (SET)

Includes rubber gasket and band and latch assembly.

Part #	Part Weight	Part Size
1472-1	1.40 lbs	2"
1783-1	1.80 lbs	3"
1474-1	2.40 lbs	4"

3/4" steel insert outlet coupler presses into aluminum tubing for lateral sprinkler use. Limited product availability. See Rainway section for options.



WELD-ON LATERAL COUPLER - CAST ALUMINUM (SET)

Includes rubber gasket and band and latch assembly.

Part #	Part Weight	Part Size
1594-1	1.40 lbs	3"
1595-1	1.80 lbs	4"

3/4" steel insert outlet coupler welds to aluminum tubing for lateral sprinkler use. Limited product availability. See Rainway section for options.



WELD-ON LATERAL UNIVERSAL COUPLER - CAST ALUMINUM (SET)

Includes Rubber Gasket and Weld-On Latch Pad Assembly

Part #	Part Weight	Part Size
2222-1	1.40 lbs	3"

*3/4" steel insert outlet.
Coupler welds to aluminum tubing for lateral sprinkler use.*



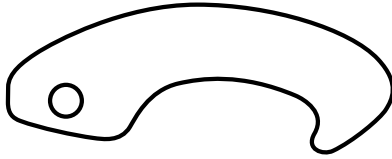
WELD-ON LATCH PAD WITH HOOK & SPRING - CAST ALUMINUM

Part #	Part Weight	Part Size
2226-1	0.60 lbs	3"

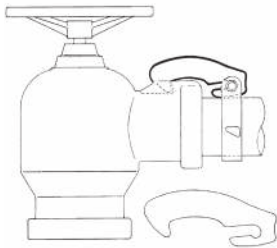


STEEL HOOKS - PLATED

One required per band assembly. Substitutions may be permitted.



Part #	Part Weight	Part Size	Bolt Hole
2208-1	0.40 lbs	2", 3"	$\frac{13}{32}$ " Dia.
2208-2	0.40 lbs	4" thru 10"	$\frac{17}{32}$ " Dia.



SLOTTED STEEL HOOK - PLATED

Part #	Part Weight	Part Size
1748-1A	0.40 lbs	3" - 4"

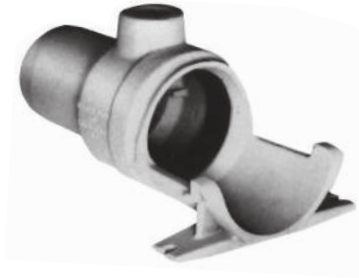


WELD-ON LATCH PAD - CAST ALUMINUM

Includes latch, spring, bolt, and hex nut.

Part #	Part Weight	Part Size
1746-2	1.00 lbs	2" - 5"
1721-2	2.80 lbs	6" - 8"
1721-3 HT**	2.80 lbs	6" - 8"

***Heat treated for added strength.*



PRESS-IN DROPLOCK COUPLER - CAST ALUMINUM

Includes rubber gasket (coupler only - no male ring).

Part #	Part Weight	Part Size
1823-1	2.10 lbs	3"
1548-1	2.50 lbs	4"

3/4" steel insert outlet.

Coupler presses into aluminum tubing for lateral sprinkler use.

Limited availability, see Rainway section.



MALE FULL CLAMP - CAST ALUMINUM

Includes bolt and nut.

Part #	Part Weight	Part Size
1546-1	0.50 lbs	3"
1549-1	0.60 lbs	4"

For use with pressed-in Droplock coupler.

Limited availability, see Rainway section.



WELD-ON DROPLOCK COUPLER - CAST ALUMINUM

Includes rubber gasket.

Part #	Part Weight	Part Size
1651-1 *	1.20 lbs	2"
1642-1	1.60 lbs	3"

3/4" steel insert outlet. Coupler welds to aluminum tubing for lateral sprinkler use.

** 2" has limited availability - consult the factory.*



For use with weld-on Droplock coupler.

WELD-ON DROPLOCK HALF CLAMP - CAST ALUMINUM

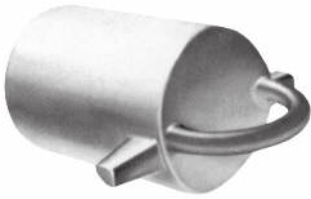
Part #	Part Weight	Part Size
1684-1	0.10 lbs	2"
1835-1	0.20 lbs	3"



For use with weld-on Droplock coupler.

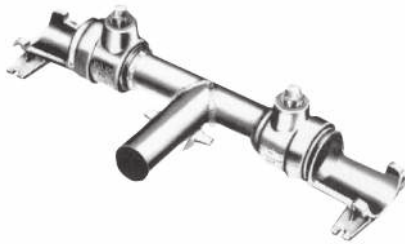
WELD-ON MALE END - CAST ALUMINUM

Part #	Part Weight	Part Size
1643-1	1.00 lbs	3"



DROPLOCK END PLUG - CAST ALUMINUM

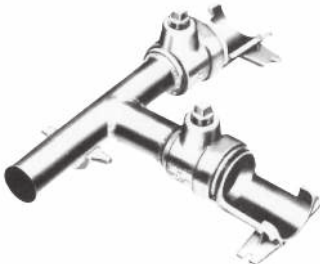
Part #	Part Weight	Part Size
1710-1	0.50 lbs	2"
1711-1	0.80 lbs	3"
1994-1	1.80 lbs	4"



DROPLOCK END TEE - FABRICATED ALUMINUM

Includes non-drain rubber gasket.

Part #	Part Weight	Part Size
1981-1	3.10 lbs	2" x 2" x 2"
1982-1	4.70 lbs	3" x 3" x 3"
1983-1	5.80 lbs	4" x 4" x 4"



Specify right hand or left hand.
Right hand shown.

DROPLOCK SIDE OUTLET TEE - FABRICATED ALUMINUM

Includes non-drain rubber gasket.

Part #	Part Weight	Part Size
1990-1	3.10 lbs	2" x 2" x 2"
1991-1	4.70 lbs	3" x 3" x 3"
1992-1	5.80 lbs	4" x 4" x 4"



Specify right hand or left hand.
Right hand shown.

DROPLOCK 90 DEGREE ELBOW - FABRICATED ALUMINUM

Includes non-drain rubber gasket.

Part #	Part Weight	Part Size
1984-1	1.90 lbs	2"
1985-1	2.10 lbs	3"
1986-1	2.50 lbs	4"



Specify right hand or left hand.
Right hand shown.

DROPLOCK 45 DEGREE ELBOW - FABRICATED ALUMINUM

Includes non-drain rubber gasket.

Part #	Part Weight	Part Size
1987-1	1.70 lbs	2"
1988-1	1.90 lbs	3"
1989-1	2.30 lbs	4"

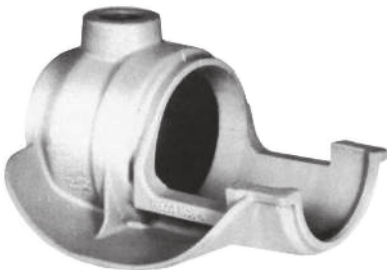


DROPLOCK REDUCER - ALUMINUM

Includes non-drain rubber gasket.

Part #	Part Weight	Part Size
1709-1	1.80 lbs	3" x 2"
1933-1	3.00 lbs	4" x 3"

Limited availability – consult the factory.



DRAGLINE WELD-ON COUPLER - CAST ALUMINUM

Includes drain gasket.

Part #	Part Weight	Part Size
1905-1	2.80 lbs	3"

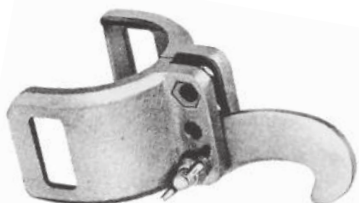
3/4" steel insert outlet.



DRAGLINE WELD-ON MALE HALF CLAMP - CAST ALUMINUM

High-strength aluminum.

Part #	Part Weight	Part Size
1906-1	0.30 lbs	3"



DROP-LOCK LATCH ADAPTER

Part #	Part Weight	Part Size
LA 367	0.70 lbs	3"

For use in connecting Drop-Lock couplers to valve openers.



WELD-ON COUPLER ONLY - CAST ALUMINUM

Includes rubber gasket.



Part #	Part Weight	Part Size
1953-1	2.80 lbs	6"
1606-4	4.70 lbs	8"
1228-7	5.10 lbs	10"

Coupler welds to aluminum tubing for gated pipe or high pressure application. Weld-on mainline couplers may be supplied in the heat treated condition for high line pressure applications.



WELD-ON HEAVY MALE END - CAST ALUMINUM

Double latch fitting includes hook springs.

Part #	Part Weight	Part Size
1944-1	3.20 lbs	8"



HEAVY END PLUG - CAST ALUMINUM

Double latch fitting includes hook springs.

Part #	Part Weight	Part Size
2233-1	4.20 lbs	8"



WELD-ON MALE RING- CAST ALUMINUM

Part #	Part Weight	Part Size
R 600	0.60 lbs	6"
R 800	1.40 lbs	8"
R 1000	1.90 lbs	10"

Cast aluminum full 1" across.

FELCO FITTINGS



CLAMP - STEEL

Substitutions may be permitted.

Part #	Part Weight	Part Size
1864-1	2.10 lbs	6"
1865-1	2.60 lbs	8"



WELD-ON MAINLINE COUPLER SET

Includes gasket.

Part #	Part Weight	Part Size
1914-CL	5.10 lbs	6"
1916-CL	6.50 lbs	8"
1918-CL	8.30 lbs	10"
2087-CL	10.00 lbs	12"

Heat treated high-strength cast aluminum female and male ends with steel circle lock clamp.



WELD-ON FEMALE END

Includes gasket.

Part #	Part Weight	Part Size
1914-1	2.00 lbs	6"
1916-1	2.60 lbs	8"
1918-1	3.30 lbs	10"
2087-1	5.50 lbs	12"

Heat treated high-strength cast aluminum female end.



WELD-ON MALE END

Part #	Part Weight	Part Size
1915-1	1.00 lbs	6"
1917-1	1.40 lbs	8"
1919-1	1.90 lbs	10"
2088-1	3.50 lbs	12"

Heat treated high-strength cast aluminum male end.



Heavy-duty steel ringlock clamp.

HIGH PRESSURE RINGLOCK CLAMP

Part #	Part Weight	Part Size	Box Qty.
HPRLC 300	1.53 lbs	3"	300
HPRLC 400	1.60 lbs	4"	200
HPRLC 500	1.80 lbs	5"	175
HPRLC 600	2.00 lbs	6"	125
HPRLC 600 TL **	2.00 lbs	6"	125
HPRLC 700	2.25 lbs	7"	125
HPRLC 800	2.50 lbs	8"	100
HPRLC 800 TL **	2.50 lbs	8"	100
HPRLC 1000	3.25 lbs	10"	80
HPRLC 1200	3.75 lbs	12"	75

Heavy-duty steel ringlock clamp.

*** Oversized to fit gated pipe bell couplers.*



90 DEGREE REVERSIBLE ELBOW

Includes gasket.

Part #	Part Weight	Part Size
2000-1	5.60 lbs	6"
2001-1	7.20 lbs	7"
2002-1	8.80 lbs	8"
2003-1	12.10 lbs	10"

Fabricated from high-strength cast 90° elbow and circle lock female and male ends.

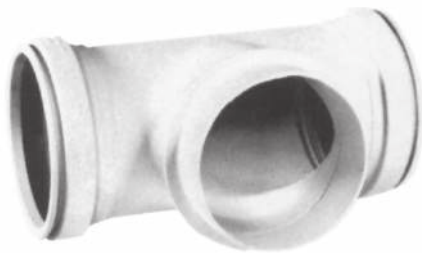


45 DEGREE REVERSIBLE ELBOW

Includes gasket.

Part #	Part Weight	Part Size
2004-1	4.30 lbs	6"
2005-1	5.40 lbs	7"
2006-1	6.40 lbs	8"
2007-1	8.70 lbs	10"

Fabricated from high-strength cast 45° elbow and circle lock female and male ends.



END TEE

Includes gasket.

Part #	Part Weight	Part Size
1996-1	9.40 lbs	6"
1997-2	11.50 lbs	7"
1998-1	13.50 lbs	8"
1999-1	18.40 lbs	10"

Fabricated from high-strength cast tee and circle lock female and male ends. Reducing end tees are available upon request. Price available upon request.



REVERSIBLE LINE TEE

Includes gasket.

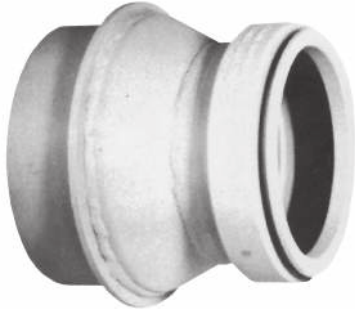
Part #	Part Weight	Part Size
2008-1	9.40 lbs	6"
2009-1	11.50 lbs	7"
2010-1	13.50 lbs	8"
2011-1	18.40 lbs	10"

Fabricated from high-strength cast tee and circle lock female and male ends.



REDUCER

Includes gasket.



Part #	Part Weight	Part Size
2012-1	4.60 lbs	7" x 6"
2013-1	4.70 lbs	8" x 6"
2014-1	5.00 lbs	8" x 7"
2015-1	5.90 lbs	10" x 8"

Fabricated from high-strength cast circle lock female and male ends and cast reducing cone.

END PLUG



Part #	Part Weight	Part Size
2018-1	4.90 lbs	8"
2019-1	6.40 lbs	10"

Fabricated from high strength circle lock male end and cast dome end plug disc with handle.

COUPLER - CAST ALUMINUM

Includes non-drain rubber gasket.



Part #	Part Weight	Part Size
1307-1	1.30 lbs	6"
1460-1	1.70 lbs	8"
1480-5	2.50 lbs	10"

*Coupler welds to aluminum tubing for gated pipe application.
Above 6" coupler is equipped with one locking pad to receive latching hook assembled on male end when system is used for high pressure application.*

*The 8" and 10" couplers are equipped with two locking pads (180° apart).
Non-drain type rubber gasket is provided unless otherwise specified.*



WELD-ON SADDLE VALVE - CAST ALUMINUM STAINLESS STEEL STEM

Part #	Part Weight	Part Size
UVS 404 SS	2.90 lbs	4" x 4"
2070-1	2.90 lbs	6" x 4"
2071-1	2.90 lbs	8" x 4"
2072-1	2.90 lbs	10" x 4"
UVS 412 SS	2.90 lbs	12" x 4"

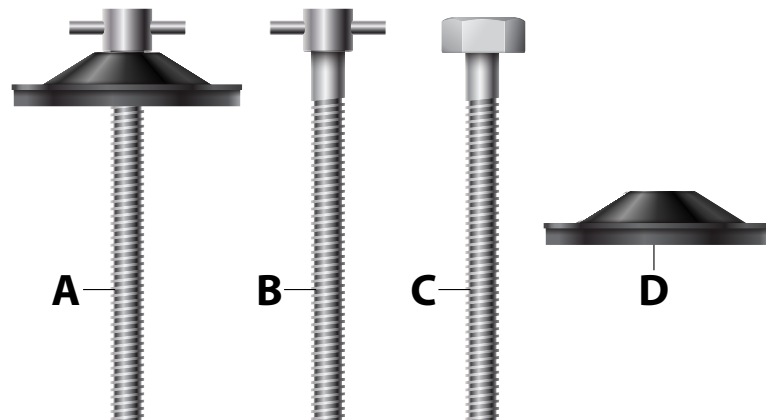
First number in size column denotes size of mainline pipe.

Base flange conforms and is welded to 4", 6", 8", 10" and 12" mainline pipe. New style valve base flange has been enlarged to provide greater base support and stability after welding to mainline pipe.



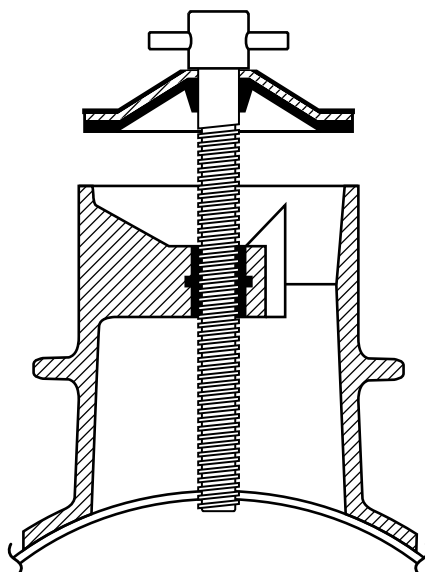
THREADED RISER VALVE - CAST ALUMINUM STAINLESS STEEL STEM

Part #	Part Weight	Part Size
UVS TF 4003 SS	3.50 lbs	3" x 4"
1483-2A	4.10 lbs	4" x 4"

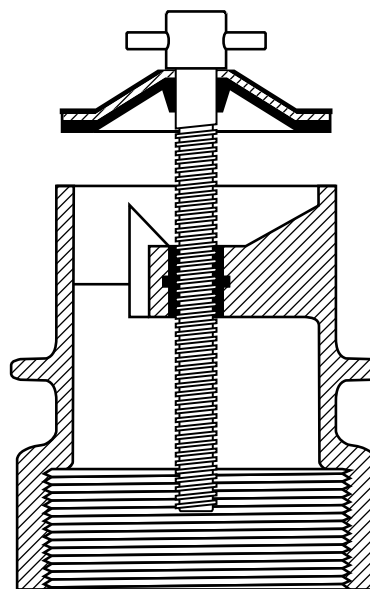


VALVE COMPONENTS

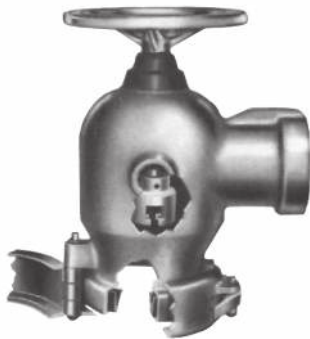
Part #	Description	Part Weight	Part Size
A 2235-1	Valve stem unit with valve disc – 7 pitch	1.00 lbs	4"
B 2236-1	Stainless steel tee valve stem – 7 pitch	0.60 lbs	4"
C 2197-1	Stainless steel hex valve stem – 7 pitch	0.60 lbs	4"
D 2237-1	Valve disc with fully vulcanized surfaces	0.40 lbs	4"
B 2236-2	Stainless steel tee valve stem – 8 pitch (old style)	0.60 lbs	4"



WELD-ON RISER VALVE
ASSEMBLY CROSS SECTION



CAST THREADED RISER VALVE
ASSEMBLY CROSS SECTION



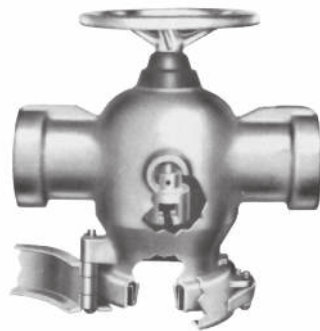
VALVE OPENING ELBOW - CAST ALUMINUM STAINLESS STEEL STEM

Includes non-drain gasket and spring loaded locking clamps.

Part #	Part Weight	Part Size
1554-1	8.90 lbs	4" x 3"
1555-1	9.00 lbs	4" x 4"

Second number in size column denotes size of lateral line.

*Valve opener connects mainline riser to double lateral line.
Valve locking arrangement allows the lateral lines to extend in
any direction from the mainline. Steel ring clamping unit permits
interchangeability with similarly designed irrigation equipment.*



VALVE OPENING TEE - CAST ALUMINUM STAINLESS STEEL STEM

Includes non-drain gasket and spring loaded locking clamps.

Part #	Part Weight	Part Size
1566-1	9.80 lbs	4" x 3" x 3"
1567-1	10.00 lbs	4" x 4" x 4"

Second number in size column denotes size of lateral line.

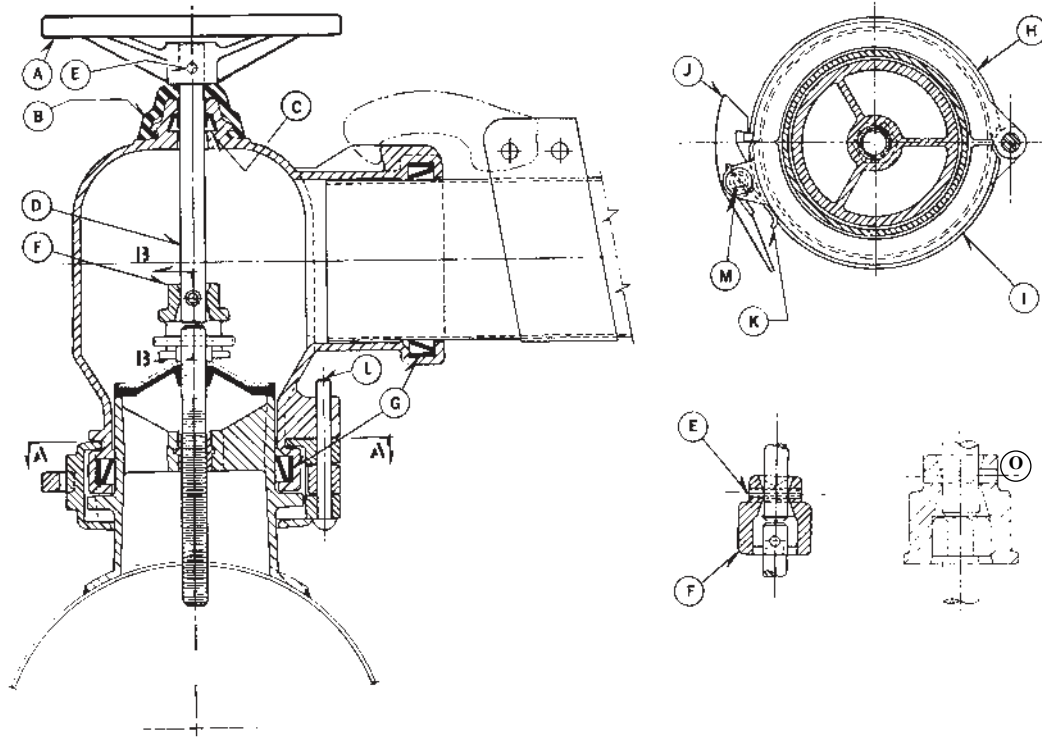
*Valve opener connects mainline riser to double lateral line.
Valve locking arrangement allows the lateral lines to extend in
any direction from the mainline. Steel ring clamping unit permits
interchangeability with similarly designed irrigation equipment.*



SPECIAL 4"X 3" V.O.E. STAINLESS STEEL STEM

With 3" vertical threaded outlet for Big Gun giant sprinklers.

Part #	Part Weight	Part Size
1809-2	12.30 lbs	4" x 3" FIPT



VALVE OPENER COMPONENTS - ELBOWS AND TEES

	Part #	Description	Part Weight
A	1054-1	Valve opener - wheel	1.00 lbs
B	1559-1	Valve stem shield	0.20 lbs
C	1558-1	Valve stem gasket	0.01 lbs
D	1320-2	Valve stem - stainless steel	0.60 lbs
E	2051-1	Roll pin $\frac{1}{4} \times \frac{1}{4}$	0.10 lbs
F	1550-1	Valve stem coupling - aluminum	0.20 lbs
G	—	3" & 4" non-drain gaskets - see parts section	—
H	1630-1L	Steel Locking half clamp - L	0.50 lbs
I	1630-1R	Steel locking half clamp - R	0.50 lbs
J	1557-1	Locking half clamp hook	0.10 lbs
K	1560-1	Locking clamp spring	0.01 lbs
L	2052-1	$\frac{3}{8}$ " dia. x 3 $\frac{1}{2}$ " hex bolt	0.04 lbs
M	2053-1	$\frac{5}{16}$ " bolt with locknut	0.01 lbs
P	2064-1	SS pin with cotter pin for coupling (Not Shown)	0.04 lbs
H - N	1630-1	Complete clamp set	—



WELD-ON LATCH PAD - CAST ALUMINUM

Part # Part Weight Part Size

1721-1	0.70 lbs	6" - 10"
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Other sizes and options are available – see Aluminum Fabrication section of catalog.



WELD-ON FITTING MALE END

Includes band and latch assembly.

Part # Part Weight Part Size

2040-1	3.10 lbs	5"
2041-1	3.90 lbs	6"

FELCO GASKETS

DRAIN TYPE

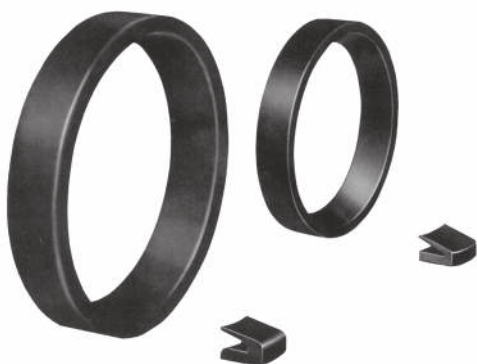
Part # Part Weight Part Size Strings of 50 Less than 50

1706-1	0.60 lbs	2"	✓	✓
1586-1	0.10 lbs	3"	✓	✓
1588-1	0.11 lbs	4"	✓	✓

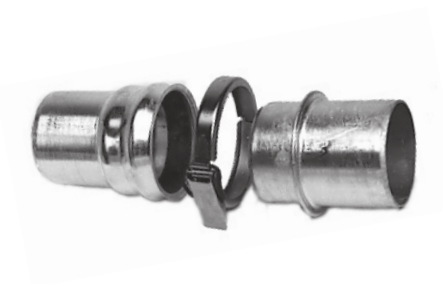
NON-DRAIN TYPE

Part # Part Weight Part Size Strings of 50 Less than 50

1587-1	0.10 lbs	3"	✓	✓
1589-1	0.11 lbs	4"	✓	✓
1232-4	0.28 lbs	5"	✓	✓
1232-5	0.31 lbs	6"	✓	✓
1574-1	0.34 lbs	7"	✓	✓
1860-2	0.37 lbs	8"	✓	✓
1232-9	0.54 lbs	10"	✓	✓



AMES LO-HI FITTINGS



RING LOCK MAINLINE COUPLER SET - GALVANIZED

Part #	Part Weight	Part Size
ASRL 600	10.00 lbs	6"
ASRL 800	17.50 lbs	8"
ASRL 1000	25.00 lbs	10"
ASRL 1200	31.00 lbs	12"

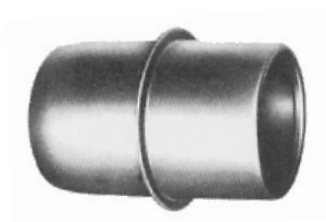
Hold bands recommended.



RING LOCK FEMALE COUPLER - GALVANIZED

Part #	Part Weight	Part Size
ASRLF 600	4.00 lbs	6"
ASRLF 800	8.00 lbs	8"
ASRLF 1000	10.50 lbs	10"
ASRLF 1200	15.00 lbs	12"

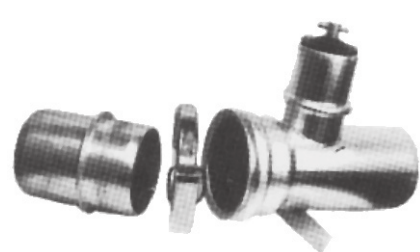
Hold bands recommended.



RING LOCK MALE COUPLER - GALVANIZED

Part #	Part Weight	Part Size
ASRLM 600	4.00 lbs	6"
ASRLM 800	7.00 lbs	8"
ASRLM 1000	11.00 lbs	10"
ASRLM 1200	14.00 lbs	12"

Hold bands recommended.



VALVE T WITH STABILIZER FOOT

Part #	Part Weight	Part Size
ASRLUVT 664	23.00 lbs	6"
ASRLUVT 884	35.00 lbs	8"
ASRLUVT 10104	50.00 lbs	10"
ASRLUVT 12124	52.00 lbs	12"

Hold bands recommended.



RING LOCK IN LINE VALVE TEE

Part #	Part Weight	Part Size
ASRLUVTL 664	21.00 lbs	6"
ASRLUVTL 884	29.00 lbs	8"
ASRLUVTL10104	33.00 lbs	10"
ASRLUVTL12124	43.00 lbs	12"



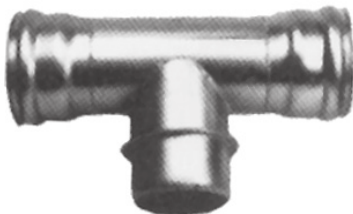
HIGH PRESSURE RING LOCK CLAMP

Part #	Part Weight	Part Size
HPRLC 600	2.00 lbs	6"
HPRLC 800	2.50 lbs	8"
HPRLC 1000	3.50 lbs	10"
HPRLC 1200	5.25 lbs	12"



RING LOCK FIELD TEE

Part #	Part Weight	Part Size
ASRLFT 600	13.00 lbs	6"
ASRLFT 800	20.00 lbs	8"
ASRLFT 1000	33.00 lbs	10"
ASRLFT 1200	44.00 lbs	12"



RING LOCK END TEE

Part #	Part Weight	Part Size
ASRLET 600	13.00 lbs	6"
ASRLET 800	20.00 lbs	8"
ASRLET 1000	33.00 lbs	10"
ASRLET 1200	44.00 lbs	12"

AMES LO-HI FITTINGS



RING LOCK 45° ELBOW

Part #	Part Weight	Part Size
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ASRLFE 600 45	9.00 lbs	6"
ASRLFE 800 45	16.00 lbs	8"
ASRLFE1000 45	17.00 lbs	10"
ASRLFE1200 45	25.00 lbs	12"



RING LOCK 90° ELBOW

Part #	Part Weight	Part Size
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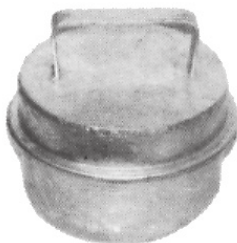
ASRLFE 600	11.00 lbs	6"
ASRLFE 800	18.00 lbs	8"
ASRLFE 1000	22.00 lbs	10"
ASRLFE 1200	30.00 lbs	12"



RING LOCK REDUCER

Part #	Part Weight	Part Size
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ASRLR 608	11.00 lbs	6" x 8"
ASRLR 610	18.00 lbs	6" x 10"
ASRLR 810	22.00 lbs	8" x 10"
ASRLR 1012	30.00 lbs	10" x 12"



RING LOCK END PLUG

Part #	Part Weight	Part Size
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ASRLEP 600	5.00 lbs	6"
ASRLEP 800	7.00 lbs	8"
ASRLEP 1000	13.00 lbs	10"
ASRLEP 1200	17.00 lbs	12"



RING LOCK DISCHARGE ADAPTER

Part #	Part Weight	Part Size
ASRLDA 406	10.00 lbs	4" x 6"
ASRLDA 506	10.00 lbs	5" x 6"
ASRLDA 606	15.00 lbs	6" x 6"
ASRLDA 608	16.00 lbs	6" x 8"
ASRLDA 610	20.00 lbs	6" x 10"
ASRLDA 808	17.00 lbs	8" x 8"
ASRLDA 8010	22.00 lbs	8" x 10"



RING LOCK BLACK WELD-ON STARTER COUPLER

FEMALE

Part #	Part Weight	Part Size
ASCB 600	2.75 lbs	6"
ASCB 800	4.50 lbs	8"
ASCB 1000	5.50 lbs	10"
ASCB 1200	9.00 lbs	12"



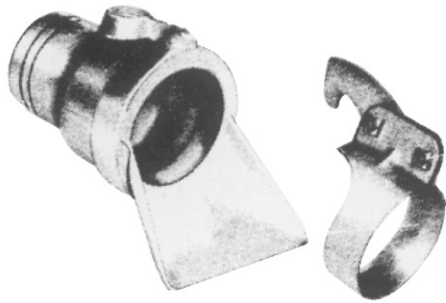
MALE

Part #	Part Weight	Part Size
ASCB M 600	2.75 lbs	6"
ASCB M 800	4.50 lbs	8"
ASCB M 1000	5.50 lbs	10"
ASCB M 1200	9.00 lbs	12"

AMES LO-HI GASKETS

Part #	Part Size	Strings of 50	Less than 50
AG 6	6"	✓	✓
AG 8	8"	✓	✓
AG 10	10"	✓	✓
AG 12	12"	✓	✓

Other AMES style gaskets available - consult the factory.



500 SERIES PRESS-IN COUPLER SET

Part #	Part Weight	Part Size
SR 500 2	29.00 lbs	2"
SR 500 3	2.70 lbs	3"
SR 500 4	3.80 lbs	4"

400 weld on series also available in 3" & 4" minimum order of 150 pieces per size. Not always applicable depending on stock and quantity.

Call factory for price and availability.

With riser outlet and apron.

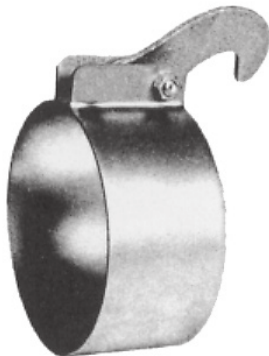
Cast Aluminum body, self draining gasket, steel band and latch.
(Non-drain gasket available upon request)



900 SERIES WELD-ON COUPLER SET

Part #	Part Weight	Part Size
SR 900 6	4.10 lbs	6"

Cast Aluminum body, non draining gasket, steel band and latch.
(Self-drain gasket available upon request).



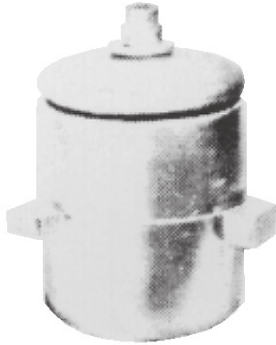
BAND AND LATCH ASSEMBLY

Part #	Part Weight	Part Size
SR BL 200	0.70 lbs	2"
SR BL 300	1.00 lbs	3"
SR BL 400	1.20 lbs	4"
SR BL 600	1.80 lbs	6"
SR LATCH	—	LATCH

BAND ONLY

Part #	Part Weight	Part Size
SR B 200	0.40 lbs	2"
SR B 300	0.70 lbs	3"
SR B 400	0.90 lbs	4"
SR B 600	1.40 lbs	6"

Steel construction, patented Shur-Rane positive action latch.



Top opening design.
Cast aluminum body, rubber disc.
4" has 2 Lugs.

ALUMINUM WELD-ON HYDRANT VALVE

Part #	Part Weight	Part Size
SRV 4	3.90 lbs	4"

DISC ONLY

Part #	Part Weight	Part Size
Domed Disc 4	—	4"

STEM ONLY

Part #	Part Weight	Part Size
SR Stem 4	—	4"

DISC FOR OLD VALVE - INWARD OPENING

Part #	Part Weight	Part Size
SR Disc 405	—	4"



ALUMINUM VALVE OPENING ELBOW

Part #	Part Weight	Part Size
SR3VOE	8.00 lbs	4" x 3"
SR4VOE	8.00 lbs	4" x 4"

For top opening hydrant valves. With lever lock. Fits 4" lug valve.

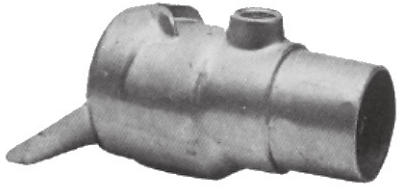


Chevron type.
Highest quality rubber.

SHURE RANE GASKETS

Part #	Part Size	Strings of 50	Less than 50
SRND 2G	2"	✓	✓
SRND 3G	3"	✓	✓
SRND 4G	4"	✓	✓
SRND 5G	5"	✓	✓
SRND 6G	6"	✓	✓

MOORE RANE FITTINGS



DELUXE PRESS-ON LATERAL COUPLER SET

1" outlet, band and hook assembly, and drain gasket.

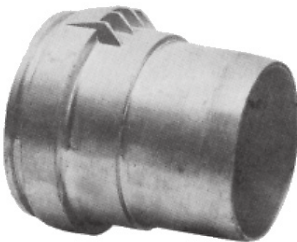
Part #	Part Weight	Part Size
2DPOLS	2.40 lbs	2"
3DPOLS	3.20 lbs	3"
4DPOLS	4.50 lbs	4"



PRESS-ON LATERAL COUPLER SET

1" outlet, band and hook assembly, and drain gasket.

Part #	Part Weight	Part Size
3POL	2.80 lbs	3"



PRESS-ON MAINLINE COUPLER BAND AND HOOK SET

Includes coupler, gasket, band and hook.

Part #	Part Weight	Part Size
3POMS	2.20 lbs	3"
4POMS	3.30 lbs	4"
5POMS	4.20 lbs	5"
6POMS	5.30 lbs	6"



4" RISER VALVE, ALUMINUM WELD ON

Part #	Part Weight	Part Size
4RVA	3.40 lbs	4"

Without saddle, plain end for special fabrication and welding, replaceable spider.



4" RISER VALVE ALUMINUM, MALE OR FEMALE THREAD

With replaceable spider.

Part #	Part Weight	Part Size
4RVAM	3.40 lbs	4" x 4" MIPT
4RVAF	4.70 lbs	4" x 4" FIPT



VALVE OPENING ELBOW

Part #	Part Weight	Part Size
3 VOE	8.00 lbs	4" x 3"
4 VOE	8.80 lbs	4" x 4"



CUB RISER VALVE

Female thread 2".

Part #	Part Weight	Part Size
CRVF2	1.70 lbs	3"OD x 2"FIPT



CUB VALVE OPENING ELBOW

Used to open 3" valves.

Part #	Part Weight	Part Size
2CVOE	2.90 lbs	3" x 2"
3CVOE	3.40 lbs	3" x 3"



WHEEL LINE COUPLER GASKETS - SHUR ROLL

Part #	Part Weight	Part Size
40SWG	O RING	4"
4WG	O RING	4 1/2"
5WG	O RING	5"



HOOK & FERRULE ONLY

Part #	Part Weight
201012	0.30 lbs
Ferrule A	—

MOORE RANE FITTINGS

BAND & HOOK ASSEMBLY

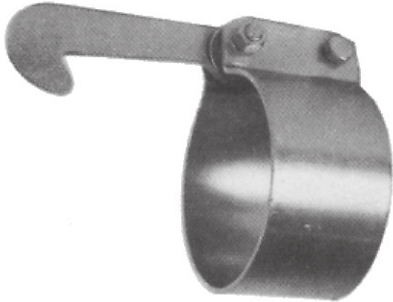
Single strength hook.

Recommended pressures:

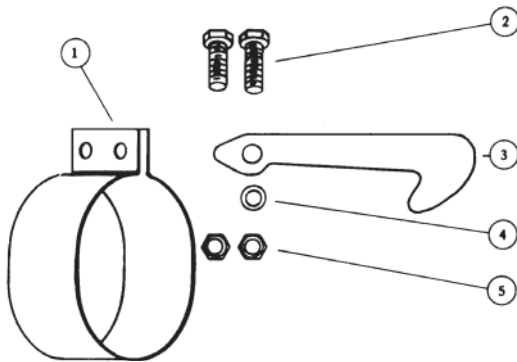
2" thru 6" - 100 PSI

7" thru 8" - 60 PSI

10" - 40 PSI



Part #	Part Weight	Part Size
2 BH 1	0.70 lbs	2"
3BH 1	0.80 lbs	3"
4BH 1	1.30 lbs	4"
5BH 1	1.60 lbs	5"
6BH 1	1.80 lbs	6"
7BH 1	2.60 lbs	7"
8BH 1	3.00 lbs	8"

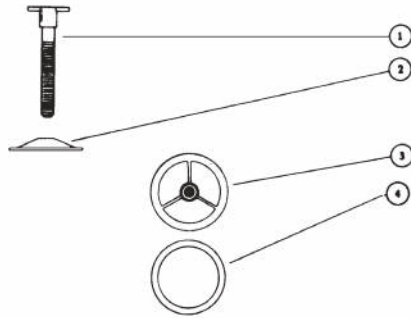


ITEM NO. 901 - BAND & HOOK ASSEMBLY

Part #	Part Size
1 B 200	2"
B 300	3"
B 400	4"
B 500	5"
B 600	6"
B 700	7"
B 800	8"
2 C 1.5	$\frac{3}{8}$ " x $1\frac{1}{2}$ "
3 201012	—
4 Ferrule A	$\frac{3}{8}$ "
5 N 1	$\frac{3}{8}$ "

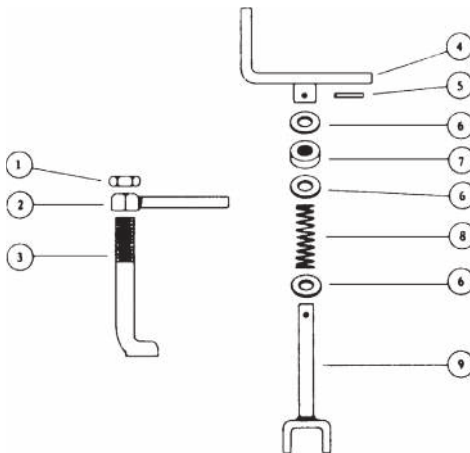


ITEM NO. 905 MAINLINE VALVE PARTS



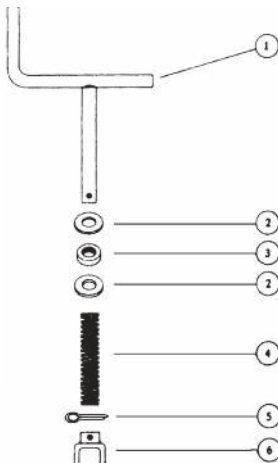
Part #		Part Size
1	Stem 6 ³ / ₄	5 ⁵ / ₈ " x 6 ³ / ₄ "
2	Domed Disc 4	4"
3	905 3 Spider Casting	STD
4	905 4 Spider Gasket	STD

ITEM NO. 906 CUB VALVE OPENER PARTS



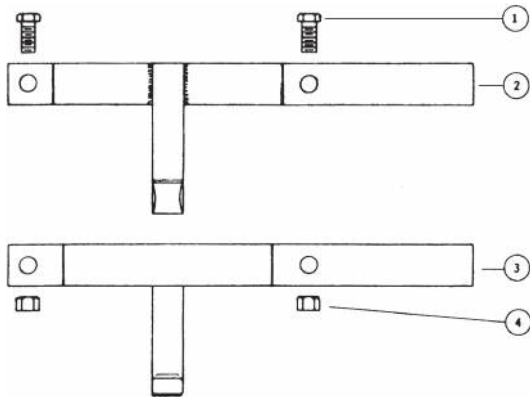
Part #	Description	Part Size
1	906 1 Jam Nut	STD
2	906 2 Handle Nut	STD
3	906 3 Hook Bolt	STD
4	906 4 Handle & Socket	CUB
5	906 5 Roll Pin	CUB
6	906 6 Shaft Washer	CUB
7	906 7 "U" Cup Gasket	CUB
8	906 8 Shaft Spring	CUB
9	906 9 Shaft & Yoke	CUB
906 10	Shaft assembly items 4 - 9	

ITEM NO. 907 VALVE OPENER PARTS



Part #	Description	Part Size
1	907 1 Handle & Shaft	STD
2	907 2 Shaft Washer	STD
3	907 3 "U" Cup Gasket	STD
4	907 4 Shaft Spring	STD
5	907 5 Shaft Cotter Key	STD
6	907 6 Yoke & Socket	STD
907 7	Shaft assembly items 1 - 6	

MOORE RANE FITTINGS



Note: Face VOE with locking ring handle towards you to determine right and left halves.

ITEM NO. 908 CAM LOCKING RING PARTS

Part #	Description	Part Size
❶ 908 1	Cap Screw (2 required)	$\frac{3}{8}$ "
❷ 908 2	Handle Locking Ring (left half)	STD
❸ 908 3	Handle Locking Ring (right half)	STD
❹ N 1	Hex Nut (2 required)	$\frac{3}{8}$ "
908 4	Complete Opener Handle Items 1-4	

MOORE RANE GASKETS

NON DRAIN WIDE STYLE

Part #	Part Size	Strings of 50	Less than 50
2 NDG	2"	✓	✓
3 NDG	3"	✓	✓
4 NDG	4"	✓	✓
5 NDG	5"	✓	✓
6 NDG	6"	✓	✓
7 NDG	7"	✓	✓
8 NDG	8"	✓	✓
10 NDG	10"	✓	✓

SOLID LOCK NARROW STYLE

Part #	Part Size	Strings of 50	Less than 50
G 22	2"	✓	✓
G 23	2"	✓	✓
E 2 3	3"	✓	✓
E 1 3	3"	✓	✓



WEBSTERMATIC

Quick Coupling Riser Valves



QUICK CONNECT RISERS WITH INTERNAL VALVE

- Allows connecting into pressurized irrigation and water systems without using tools.
- Allows for riser height changes and sprinkler maintenance while system is in operation.
- Riser pipe must be schedule 40 in appropriate size for coupler selected.
- Used on solid set or hand move irrigation systems for quick moving of sprinklers, even while system is operating.
- All models available without rubber ball or inner valve assembly.
- Also allows quick connection for hand watering using water hose accessories.
- Great for parks, athletic sports fields, and nurseries.
- Can be installed for permanent or temporary water access point off mainlines.

Illustration does not reflect all Webstermatic riser designs.

Collar and screw and valve openers are not part of valve assemblies and are ordered separately.

Part #	Thread Options	Body O.A.L.	Riser Size	Max. Riser Length	Riser Insert Depth	Complete Coupler Weight
2-050	1/2" FIPT	4 1/4"	1/2"	2'	2"	8 oz
6-075	3/4" FIPT, 1" MIPT	5 1/2"	3/4"	6'	2 3/4"	12 oz
6-100	1" MIPT	5 1/2"	1"	6'	3"	14 oz
6-100 FIW	1" FIPT, 1" MIPT	6 1/2"	1"	6'	3"	1 lbs
10-100	1" FIPT	7 1/4"	1"	10'	4 1/4"	22 oz
20-100	1" FIPT, 1 1/4" MIPT	7 1/4"	1"	20'	5"	24 oz
8-100 WDC	1" FIPT, 1" MIPT	8"	1"	8'	4"	24 oz
16-100 WDC	1" FIPT, 1" MIPT	9 1/2"	1"	16'	5 1/2"	25 oz
6-125	1" FIPT, 1 1/4" MIPT	9 1/4"	1 1/4"	6'	3 1/2"	18 oz
20-125	1 1/4" FIPT, 2" MIPT	10"	1 1/4"	20'	6 3/4"	2 lbs
1x125	1 1/4" FIPT	3 1/4"	1"	20'	—	12 oz



1/2" WEBSTERMATIC VALVES 2-050 - AG

Supports 2' riser of 1/2" pipe. 1/2" female FIPT or 1" male MIPT.



Part #	Part Size
2-050 AG FPT	1/2" Webster AG Valve X 1/2" FIPT w/ball
2-050 AG FPT LB	1/2" Webster AG Valve X 1/2" FIPT less ball
2-050 AG MPT	1/2" Webster AG Valve X 1" MIPT w/ball
2-050 AG MPT LB	1/2" Webster AG Valve X 1" MIPT less ball

1/2" WEBSTERMATIC VALVES 2-050 - LAWN

Supports 2' riser of 1/2" pipe. 1/2" female FIPT or 1" male MIPT.



Part #	Part Size
2-050 LAWN FPT	1/2" Webster Lawn Valve X 1/2" FIPT w/ ball and lid
2-050 LAWN FPT LB	1/2" Webster Lawn Valve X 1/2" FIPT less ball w/ lid
2-050 LAWN MPT	1/2" Webster Lawn Valve X 1" MIPT w/ ball & lid
2-050 LAWN MPT LB	1/2" Webster Lawn Valve X 1" MIPT less ball w/lid

1/2" WEBSTERMATIC VALVE WITH 3/4" MIPT BASE 3-050

Supports 2' riser of 1/2" pipe. 3/4" male MIPT only. No ball valve provision.



Part #	Part Size
3-050 AG MPT LB	1/2" Webster AG Valve x 3/4" MIPT less ball

WEBSTERMATIC

Quick Coupling Riser Valves



3/4" WEBSTERMATIC VALVES 6-075 - AG

Supports 6' riser 3/4" pipe. 3/4" female FIPT or 1" male MIPT.

Part #	Part Size
6-075 AG FPT	3/4" Webster AG Valve x 3/4" FIPT w / ball
6-075 AG FPT LB	3/4" Webster AG Valve x 3/4" FIPT less ball
6-075 AG MPT	3/4" Webster AG Valve x 1" MIPT w / ball
6-075 AG MPT LB	3/4" Webster AG Valve x 1" MIPT less ball



3/4" WEBSTERMATIC VALVES 6-075 - LAWN

Supports 6' riser 3/4" pipe. 3/4" female FIPT or 1" male MIPT.

Part #	Part Size
6-075 LAWN FPT	3/4" Webster Lawn Valve x 3/4" FIPT w / ball and lid
6-075 LAWN FPT LB	3/4" Webster Lawn Valve x 3/4" FIPT less ball w / lid
6-075 LAWN MPT	3/4" Webster Lawn Valve w / 1" MIPT w / ball and lid
6-075 LAWN MPT LB	3/4" Webster Lawn Valve x 1" MIPT less ball w / lid



1" WEBSTERMATIC VALVES 6-100 - AG

Supports 6' riser of 1" pipe. 1" male MIPT.

Part #	Part Size
6-100 AG MPT	1" Webster AG Valve x 1" MIPT w / ball
6-100 AG MPT LB	1" Webster AG Valve x 1" MIPT less ball



1" WEBSTERMATIC VALVES 6-100 - LAWN

Supports 6' riser of 1" pipe. 1" male MIPT.

Part #	Part Size
6-100 LAWN MPT	1" Webster Lawn Valve x 1" MIPT w / ball & lid
6-100 LAWN MPT LB	1" Webster Lawn Valve x 1" MIPT less ball w / lid



1" WEBSTERMATIC VALVES 6-100 - FIW

Supports 6' riser of 1" pipe. 1" female FIPT or 1" male MIPT using a steel nipple & O-ring.



Part #	Part Size
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6-100 FIW AG FPT	1" Webster valve x 1" FIPT w / ball
6-100 FIW AG FPT LB	1" Webster valve x 1" FIPT less ball
6-100 FIW AG MPT	1" Webster valve x 1" steel MIPT / O-ring w / ball
6-100 FIW AG MPT LB	1" Webster valve x 1" steel MIPT / O-ring less ball

1" WEBSTERMATIC AG VALVES 10-100

Supports 10' riser of 1" pipe. 1" female FIPT.



Part #	Part Size
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10-100 AG FPT	1" Webster AG valve x 1" FIPT w / ball
10-100 AG FPT LB	1" Webster AG valve x 1" FIPT less ball

1" HEAVY-DUTY WEBSTERMATIC AG VALVES 20-100

Supports 20' riser of 1" pipe. 1" female FIPT or 1 1/4" male MIPT.



Part #	Part Size
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20-100 AG FPT	1" Webster AG valve x 1" FIPT w / ball
20-100 AG FPT LB	1" Webster AG valve x 1" FIPT less ball
20-100 AG MPT	1" Webster AG valve x 1 1/4" MIPT w / ball
20-100 AG MPT LB	1" Webster AG valve x 1 1/4" MIPT less ball

1" HEAVY-DUTY WEBSTERMATIC AG VALVES 8-100 WDC

Supports 8' riser of 1" pipe. 1" female FIPT or 1" male MIPT using a steel nipple & O-ring. Deeper design for greater riser support. Utilizes an IVA valve that does not require a pointed valve opener. IVA is opened by riser pipe. Uses double hook collar and screw with a specially designed collar locking flange.



Part #	Part Size	
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8-100 WDC FPT	1" Webster valve x 1" FIPT w/ IVA inner valve assembly w / ball	N/A
8-100 WDC FPT LB	1" Webster valve x 1" FIPT less IVA & ball	N/A
8-100 WDC MPT	1" Webster valve x 1" MIPT IVA inner valve assembly	N/A
8-100 WDC MPT LB	1" Webster valve x 3/4" MIPT less IVA	N/A

**IVA valve no longer available.
See item #6-100, #10-100 or
#20-100 for equivalent.**

WEBSTERMATIC

Quick Coupling Riser Valves



IVA valve no longer available.
See item #6-100, #10-100 or
#20-100 for equivalent.

1" HEAVY-DUTY WEBSTERMATIC AG VALVES 16-100 WDC

Supports 16' riser of 1" pipe. 1" female FIPT or 1" male MIPT using a steel nipple and O-ring. Deeper design for greater riser support. Utilizes an IVA valve that does not require a pointed valve opener. IVA is opened by riser pipe. Uses double hook collar and screw with a specially designed collar locking flange.

Part #	Part Size	
16-100 WDC MPT	1" Webster valve x 1" MIPT w / IVA inner VLV assembly	N/A
16-100 WDC MPT LB	1" Webster valve x 1" MIPT / less IVA	N/A
16-100 WDC FPT	1" Webster valve x 1" FIPT w / IVA inner VLV assembly	N/A
16-100 WDC FPT LB	1" Webster valve x 1" FIPT / less IVA	N/A



1 1/4" WEBSTERMATIC VALVES 6-125 - AG

Supports a 6' riser of 1-1/4" pipe. 1" female FIPT or 1-1/4" male MIPT.

Part #	Part Size
6-125 AG FPT	1 1/4" Webster AG valve x 1" FIPT w / ball
6-125 AG FPT LB	1 1/4" Webster AG valve x 1" FIPT less ball
6-125 AG MPT	1 1/4" Webster AG valve x 1 1/4" MIPT w / ball
6-125 AG MPT LB	1 1/4" Webster AG valve x 1 1/4" MIPT less ball



1 1/4" WEBSTERMATIC VALVES 6-125 - LAWN

Supports a 6' riser of 1-1/4" pipe. 1" female FIPT or 1-1/4" male MIPT.

Part #	Part Size
6-125 LAWN FPT	1 1/4" Webster Lawn valve x 1" FIPT w / ball & lid
6-125 LAWN FPT LB	1 1/4" Webster Lawn valve x 1" FIPT less ball w/ lid
6-125 LAWN MPT	1 1/4" Webster Lawn valve x 1 1/4" MIPT w / ball & lid
6-125 LAWN MPT LB	1 1/4" Webster Lawn valve x 1 1/4" MIPT less ball w / lid



IVA valve no longer available.
See item #6-100, #10-100 or
#20-100 for equivalent.

1 1/4" HEAVY-DUTY WEBSTERMATIC AG VALVES 20-125

Supports a 20' riser of 1-1/4" pipe. 1-1/4" female FIPT or 2" male MIPT.

Part #	Part Size	
20-125 AG FPT	1 1/4" Webster AG valve x 1 1/4" FIPT w / ball	N/A
20-125 AG FPT LB	1 1/4" Webster AG valve x 1 1/4" FIPT less ball	N/A
20-125 AG MPT	1 1/4" AG Webster valve x 2" MIPT w/ ball	N/A
20-125 AG MPT LB	1 1/4" Webster AG valve x 2" MIPT less ball	N/A

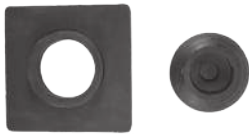


1" PVC MONUMENT VALVE

*Supports 1" riser 20' tall. PVC glued connections.
Typically cast in concrete (monuments).*

Part #	Part Size
PVC-100 AG	1" Webster x PVC monument valve only
21H-100	1" Webster parts set with check ball elbow and opener
21B-100	1" Webster parts set without check ball elbow and opener

*1" double collar and screw required. PVC parts not sold separately.
Limited PVC parts available – consult the factory.*



21H-100 & 21B-100 CONCRETE CASTING BLOCK OFFS

Part #	Part Size
WEBSTER CAP 1 1/2"	1 1/2" Webster rubber block off
WEBSTER SQ GASKET	Webster 4 3/4" square gasket w/hole

Limited parts available - consult the factory.



RUST CATCHER 1X1

Part #	Part Size
RUST CATCHER	1"

*Mounts on top of riser directly below sprinkler. Traps rust flakes and debris before they clog your sprinkler. Heavy PVC body with easily serviced stainless steel screen inside. Available with 1" male outlet and 1" female standard pipe threading at inlet.
Limited parts available – consult the factory.*



COLLAR & SCREWS (NOT INCLUDED WITH VALVES)

Part #	Part Size
CS 050	1/2" Webster collar & screw
CS 075	3/4" Webster collar & screw
CS 100	1" Webster collar & screw
CS 125	1 1/4" Webster collar & screw
CSD 100	1" Webster double collar & screw

Collar and screw and valve opener are not part of valve assemblies and are ordered separately.

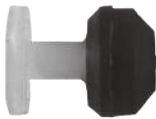
WEBSTERMATIC

Quick Coupling Riser Valves

VALVE BALL



Part #	Part Size
VB 050	1/2" Webster Valve ball
VB 075	3/4" - 1" Webster Valve ball
VB 100	3/4" - 1" Webster Valve ball
VB 125	1 1/4" Webster Valve ball



Rubber ball available only
- please consult factory.

INNER VALVE ASSEMBLY (8-100 WDC & 16-100 WDC)

Part #	Part Size	
IVA	Inner valve assembly	N/A
SFN 100	1" Steel Close Nipple	
WB ORING	O-Ring for close nipple (MPT valves)	

VALVE OPENERS (NOT INCLUDED WITH VALVES)



Part #	Part Size
VO 050	Webster 1/2" valve opener
VO 075	Webster 3/4" valve opener
VO 100	Webster 1" valve opener
VO 125	Webster 1 1/4" valve opener

GASKETS (ALWAYS INCLUDED / INSTALLED IN VALVES)



Part #	Part Size
GS-050	Webster gasket 1/2"
GS-075	Webster gasket 3/4"
GS-100	Webster gasket 1"
GS-125	Webster gasket 1 1/4"

1 X 125 CONVERSION COUPLER



Part #	Part Size
1 X 125	1" Webster X 1 1/4" female FIPT

*Converts outdated 1-1/4" threaded, concrete supported risers to Webstermatic couplers.
Double hook collar and screw required.*

WHEEL LINE SYSTEMS

Western / A&M / Solaroll



WESTERN/A & M DELUXE SINGLE RAIL HYDRAULIC MOVERS

Deluxe Hydraulic movers feature a commercial grade hydraulic pump driven by a commercial grade engine, powering fluid to two Char-Lynn industrial grade orbit motors.

They then power an 82 tooth bull gear that transfers the power to the 4" or 5" Wheel Line and the axles via a nickel plated drive chain. Mover wheels require a 4" hub. Hydraulic oil, cover, and wheels are not included in price below.

Part #	Description	Weight	Part Size
2 8200	Single rail mover	—	13' Long, w/K motor
2 8200 P	Single rail mover	—	13' Long, w/P motor
2 8200 L	Single rail mover	—	16' Long, w/P motor
CVR/H-04	Cover / Hinge	25.00 lbs	—

Galvanized options available - consult the factory.



WESTERN/A & M DELUXE TWIN RAIL HYDRAULIC MOVER

Features 15' length and twin frame construction. Engine has horizontal shaft and is part of an assembled power unit. All other hydraulic and engine components same as a standard A & M or Western unit.

Part #	Description	Part Weight
TR 118000	Twin rail mover	460.00 lbs
TR CVR/H-04	Twin rail cover	25.00 lbs

Galvanized options available - consult the factory.



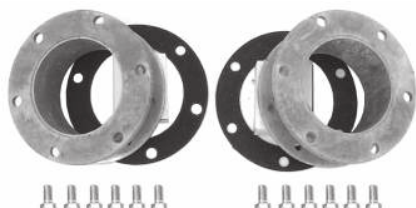
SOLAROLL - SOLAR POWERED MOVER UNIT

Part #	Description	Part Weight
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70-SOLAR	Wade Model 70 *6-hole Hub Solar Powered by Hydroside	650.00 lbs
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- Exclusively powered by Hydroside Solar.
- One remote (included) can operate up to 8 lines with a half mile range.
- No more gas cans, pull ropes, engines or trips to the middle of the field.
- Self-diagnostic electrical features.
- Allows user to be present when dropping off or picking up sections.

NOTE: These units have additional packaging costs when ordered in less than truckload quantities for required protection in transit.



POWERROLL 6 HOLE X 8 HOLE HUB ADAPTER SET

Part #	Part Weight
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70-11-6X8	15.00 lbs
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Complete set for use when retrofitting Powerroll movers in non-Wade'Rain lines. Includes two 6-hole x 8-hole adapters, two Wade'Rain Powerroll hub adapter gaskets, and two 8-hole adapter gaskets. Also included are twelve 1/2" x 1" bolts for the Wade side, with 16 nuts and bolts for the 8-hole side.

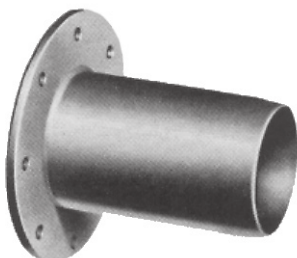


HINGED PLASTIC COVER

Part #	Description	Part Weight
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CVR	Cover Only	25.00 lbs
CVR/H-04	Single Rail Cover w/ Hinge	25.00 lbs
TR CVR/H-04	Twin Rail Cover	25.00 lbs

Heavy-duty plastic cover fits twin rail, all movers shown above and all units sold as A & M and Western style movers in previous years.



FLANGE ADAPTERS

Part #	Part Weight	Part Size
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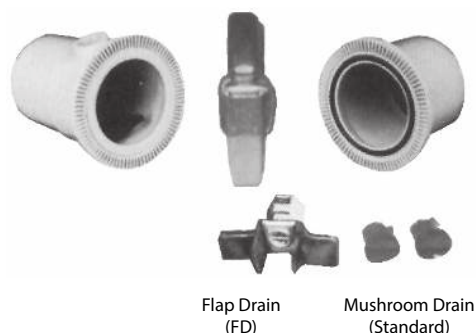
AMRAD 4R	5.50 lbs	4"
AMRAD 5R	6.25 lbs	5"
AMRAD 4G (gasket only)	—	4" & 5"

Press in adapter used to connect tubing to mover.
Price includes nuts, bolts and flange gaskets.

WHEEL LINE SYSTEMS

Western / A&M / Solaroll

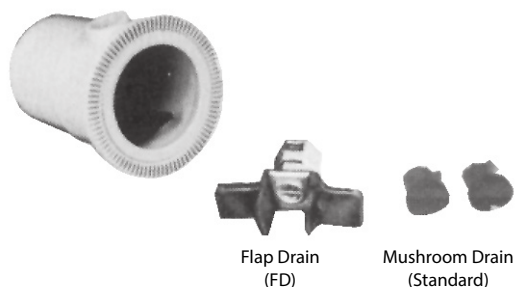
ALUMINUM WHEEL MOVE TORQUE COUPLER



Part #	Part Weight	Part Size
WMT 400	8.00 lbs	4" Mushroom
WMT FD 400	8.00 lbs	4" Flapper
WMT 500	8.50 lbs	5" Mushroom
WMT FD 500	8.50 lbs	5" Flapper

Western O-Ring style coupler.
Heat treated cast aluminum self-aligning coupler. Includes male end, female end, heavy duty steel torque clamp. 1" riser outlet, flap drain or two mushroom drains.

MALE END—WMT—M



Part #	Part Weight	Part Size
WMT M 400	3.00 lbs	4" Mushroom
WMT M FD 400	3.00 lbs	4" Flapper
WMT M 500	3.20 lbs	5" Mushroom
WMT M FD 500	3.20 lbs	5" Flapper

Western O-Ring style coupler.
Heat treated male end, two mushroom drains or flap drain, 1" riser outlet.

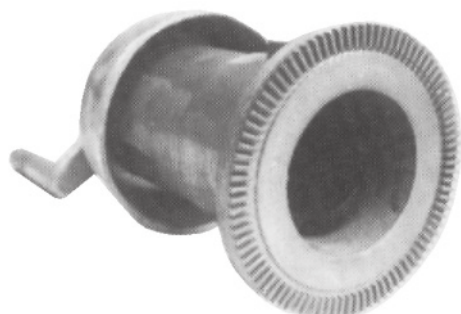
FEMALE END—WMT—F



Part #	Part Weight	Part Size
WMT F 400	2.00 lbs	4"
WMT F 500	2.00 lbs	5"

Western O-Ring style coupler.
Heat treated aluminum female end with "O" ring gasket.

MANUAL FLUSHING END PLUG



Part #	Description	Part Weight
CEP FF	Female w/O Ring	5.50 lbs
CEP FM	Male w/Riser Outlet	6.00 lbs
FEPC	Splash Pan	—
FEPH&S	Handle & Stem	—

Western O-Ring style coupler.
Heat treated manual flushing end plug for 4" and 5" lines.
Same end plug fits both 4" and 5" coupler. Does not include locking clamp.



"M" with riser as shown.
"F" no riser with "O" ring.

ALUMINUM TELESCOPING ADAPTER — WMT-T ALUMINUM HOSE ADAPTER — WMT-H

Part #	Part Weight
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WMT TF 403	5.00 lbs
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WMT TM 403	5.00 lbs
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WMT TF 504	5.00 lbs
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WMT TM 504	5.00 lbs
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WMT HF 403	5.00 lbs
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WMT HM 403	5.00 lbs
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WMT HF 504	5.00 lbs
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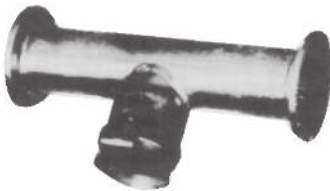
WMT HM 504	5.00 lbs
------------	----------

Western O-Ring style coupler.

Press-in steel available — consult the factory.

Telescoping adapter and hose adapter heat treated.

Does not include steel clamp.



Used when wheel line
straddles the main line.

CENTER INLET TEE

Part #	Part Weight	Part Size
--------	-------------	-----------

WMT CFT 400	15.50 lbs	4" or 5"
-------------	-----------	----------

Western O-Ring style coupler.

*Fits either a 4" or 5" Western coupler. Combination ring lock and
band & latch 4" connection standard.*

Other sizes available — consult the factory.



Heavy-duty steel clamp
for quick assembly.

STEEL TORQUE CLAMP

Part #	Description	Part Weight
--------	-------------	-------------

WMT C	Clamp	3.00 lbs
-------	-------	----------

WMT CBS	Repair Spring	—
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Western O-Ring style coupler.

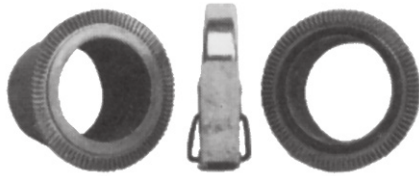
Same clamp used for WMT and WMT-W. Fits both 4" and 5" coupler.

150 box quantity.

WHEEL LINE SYSTEMS

Western / A&M / Solaroll

QUICK BREAKDOWN COUPLER ASSEMBLY



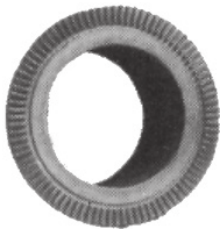
Part #	Part Weight	Part Size
--------	-------------	-----------

WMT D 400	7.00 lbs	4"
-----------	----------	----

WMT D 500	7.00 lbs	5"
-----------	----------	----

Set includes one female end with "O" ring, one female end without "O" ring, one torque clamp.

STANDARD FEMALE COUPLER WITHOUT "O" RING GROOVE



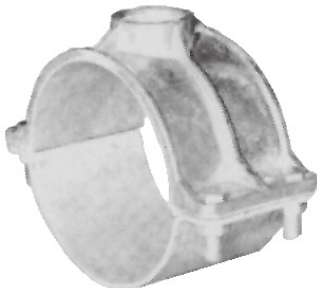
Part #	Part Weight	Part Size
--------	-------------	-----------

WMT DF 400	2.00 lbs	4"
------------	----------	----

WMT DF 500	2.00 lbs	5"
------------	----------	----

*Western O-Ring style coupler.
Heat treated aluminum female end without "O" ring groove.*

RISER GROMMET ASSEMBLY



Part #	Part Weight	Part Size
--------	-------------	-----------

RG 300	1.25 lbs	3"
--------	----------	----

RG 400	1.25 lbs	4"
--------	----------	----

RG 500	1.50 lbs	5"
--------	----------	----

RG 600	2.00 lbs	6"
--------	----------	----

Cast aluminum. Used for center risers. No part goes inside pipe.

DEMOUNTABLE FLANGE ADAPTER



Part #	Description	Part Weight	Part Size
--------	-------------	-------------	-----------

WMT DFA F 500	Female End	4.00 lbs	5"
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WMT DFA M 500	Male End	4.00 lbs	5"
---------------	----------	----------	----

DFA-FL	Flange Only	—	—
--------	-------------	---	---

*Western O-Ring style coupler.
Cast aluminum construction. To enable breakdown of demountable wheel line at mover. 5" fits both 4" & 5" coupler. Includes nuts, bolts, and flange gasket.*



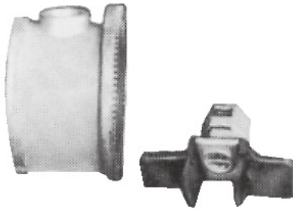
WELD ON WHEEL MOVE TORQUE COUPLER

Part #	Part Weight	Part Size
--------	-------------	-----------

WMT W 500	6.25 lbs	5"
-----------	----------	----

Western O-Ring style coupler.

Heat treated cast aluminum self-aligning coupler. Includes male end, female end, heavy duty steel torque clamp. 1" riser outlet, flap drain. Welds to aluminum tubing. Interchangeable with press on coupler.



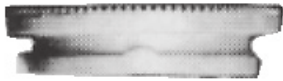
MALE END - WMT W-M

Part #	Part Weight	Part Size
--------	-------------	-----------

WMT W M 500	2.00 lbs	5"
-------------	----------	----

Western O-Ring style coupler.

Heat treated male end, flap drain, 1" riser outlet. Welds to aluminum tubing. Interchangeable with press-on coupler.



FEMALE END - WMT W-F

Part #	Part Weight	Part Size
--------	-------------	-----------

WMT W F 500	1.25 lbs	5"
-------------	----------	----

Western O-Ring style coupler.

Heat treated aluminum female end with "O" ring gasket. Welds to aluminum tubing. Interchangeable with press-on coupler.

WHEEL LINE SYSTEMS

Western / A&M / Solaroll

ALUMINUM INTERNAL DRAIN COUPLER



Hold bands recommended.

Flap Drain
Standard

(ED) External
Spring Drain

Part #	Part Size
WID 400	4" Flapper
WID ED 400	4" Spring
WID 500	5" Flapper
WID ED 500	5" Spring
WID C	Clamp
18-1	Spring Drain

Travis Internal drain couplers.

Cast aluminum coupler set. Includes male end, female end, gasket. Either clamp or nut & bolt connection available. Flap-drain standard, spring loaded external drain (ED) optional.

INTERNAL DRAIN MALE END—WID—M



Part #	Part Size
WID M 400	4" Flapper
WID M ED 400	4" Spring
WID M 500	5" Flapper
WID M ED 500	5" Spring

Travis Internal drain couplers.

Male end, flapper drain standard, optional spring loaded external drain (ED) available. Includes drain and gasket. Hold bands recommended

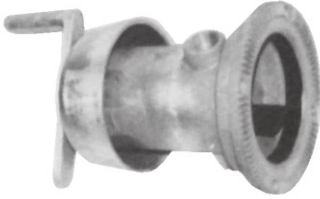
INTERNAL DRAIN FEMALE END—WID—F



Part #	Part Size
WID F 400	4"
WID F 500	5"

Travis Internal drain couplers.

Aluminum female with extension to provide sealing with the internal gasket. Hold bands recommended.



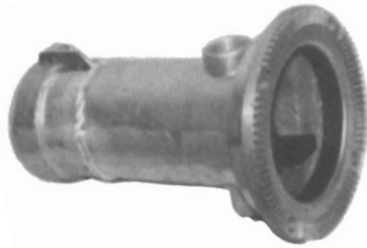
INTERNAL DRAIN MANUAL FLUSHING END PLUG

Part #	Description
CEP WID F	—
CEP WID M	With riser outlet & gasket
FEPC	Splash Pan
FEPH&S	Handle and stem

Travis Internal drain couplers.

Fits Only Internal Drain Style Couplers.

Manual flushing end plug for internal drain lines. Fits 4" or 5" lines.



INTERNAL DRAIN TELESCOPING ADAPTER - WID - T INTERNAL DRAIN HOSE ADAPTER - WID - H

Part #	Part Weight	Part Size
WID TF 403	5.00 lbs	4" x 3"
WID TM 403 *	5.00 lbs	4" x 3"
WID TF 504	5.00 lbs	5" x 4"
WID TM 504 *	5.00 lbs	5" x 4"
WID HF 404	5.00 lbs	4" x 4"
WID HM 404 *	5.00 lbs	4" x 4"
WID HF 504	5.00 lbs	5" x 4"
WID HM 504 *	5.00 lbs	5" x 4"

**End with riser outlet.*

Travis Internal drain coupler adapters.



INTERNAL DRAIN CENTER INLET TEE

Part #	Part Weight	Part Size
WID CFT 400	16.00 lbs	4"

Travis internal drain coupler adapter.

Fits either a 4" or 5" Travis internal drain coupler. Combination ring lock & band & latch 4" connection standard.

Other sizes available - consult the factory.

WHEEL LINE SYSTEMS

Western / A&M / Solaroll



STANDARD 20' LENGTH OF HOSE

Part #	Part Size
--------	-----------

W 670 4MM	4"
-----------	----

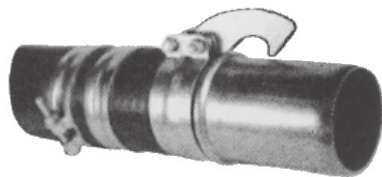
W 670 4MF	4"
-----------	----

MM-Male end x Male end.

MF-Male end x Female end.

Completely assembled to install in system.

Other lengths available upon request.



RAINWAY MALE HOSE END

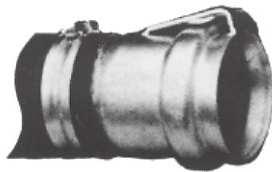
Part #	Part Size
--------	-----------

W 660 4M	4"
----------	----

Inverted groove is standard.

Includes 1 loose fit band & latch assembly & 2 hose clamps.

Raised bead hose fittings also available.



RAINWAY FEMALE HOSE END

Part #	Part Weight	Part Size
--------	-------------	-----------

W 660 4F	3.50 lbs	4"
----------	----------	----

Inverted groove is standard.

Includes gasket & 2 hose clamps.

Raised bead hose fittings also available.



Includes nuts & bolts.

INVERTED BEAD HOSE CLAMP

Part #	Part Weight	Part Size
--------	-------------	-----------

WHC 4	0.50 lbs	4"
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For inverted hose ends only



HOSE

Part #	Part Weight	Part Size
--------	-------------	-----------

W 670 4	1.25 lbs	4"
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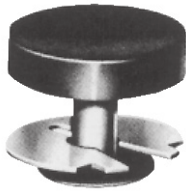


3M CEMENT

Part #	Part Weight
--------	-------------

A 88	5.00 oz
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Used to glue in center bolt-on riser outlet gaskets and torque coupler 'O' rings. Larger quantities available upon request.

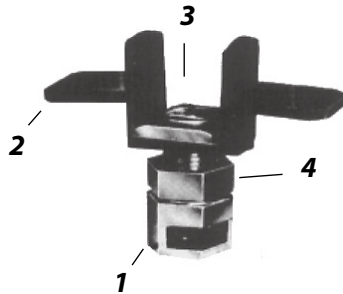


MUSHROOM DRAIN

Part #	Description	Box Qty.
--------	-------------	----------

D 2 5	Drain	100
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D 2 4 SC	Clip	100
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FLAPPER TYPE DRAIN VALVE

Part #

FD 100 - complete

FD Splash Nut

FD Flapper

FD Insert

FD Jam Nut



1" MALE MIPT DRAIN VALVE

Part #	Part Weight	Part Size	Box Quantity
--------	-------------	-----------	--------------

18-1	0.40 lbs	1"	100
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Used for aluminum tube pressing.

PRESSING COMPOUND

Part #	Description
--------	-------------

WNA 1F	Forrest, A&B
--------	--------------

WNA 1F A	Paint
----------	-------

WNA 1F B	Catalyst
----------	----------



Jensen Style

Used to guarantee upright position of sprinkler at all times.

SPRINKLER LEVELER

Part #	Part Weight	Part Size
--------	-------------	-----------

L-75	2.40 lbs	$\frac{3}{4}$ " leveler
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WHEEL LINE SYSTEMS

Western / A&M / Solaroll



SLIDE BAND

Part #	Part Weight	Part Size
--------	-------------	-----------

B 303	2.00 lbs	3"
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B 404	2.25 lbs	4"
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Adjustable band assembly for telescope.



HOLD BANDS

ALUMINUM

Part #	Part Weight (Per 100)	Part Size
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HB 300	—	3"
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HB 400	13.00 lbs	4"
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HB 500	16.00 lbs	5"
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HB 600	19.00 lbs	6"
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HB 800	44.00 lbs	8"
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HB 1000	63.00 lbs	10"
---------	-----------	-----

STEEL

Part #	Part Weight (per 100)	Part Size
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SHB 5	38.00 lbs	5"
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SHB 6 *	50.00 lbs	6"
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SHB 8 *	75.00 lbs	8"
---------	-----------	----

SHB 1000 *	88.00 lbs	10"
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SHB 1200 *	100.00 lbs	12"
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RISER ELBOW

STEEL

Part #	Part Weight
--------	-------------

SLE1-12S	1.00 lbs
----------	----------

Box quantity of 20

ALUMINUM

Part #	Part Weight
--------	-------------

RE 1 X $\frac{3}{4}$	1.00 lbs
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WHEELS



Part #	Part Weight	Part Size	Hub Size	Gauge
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WXN 4152	42.00 lbs	58"	4"	18
WXN 5152	42.00 lbs	58"	5"	18
WXN 4162	44.00 lbs	64"	4"	18
WXN 5162	44.00 lbs	64"	5"	18
WXN 4172	56.00 lbs	76"	4"	18
WXN 5172	56.00 lbs	76"	5"	18
WX 4184 **	78.00 lbs	96"	4"	18
WX 5184 **	78.00 lbs	96"	5"	18
WX 41101 **	113.00 lbs	120"	4"	18
WX 51101 **	113.00 lbs	120"	5"	18

***Limited availability. Check with factory.*

Wheels shipped unassembled.

Includes 8 cleats for 5' & 6' wheels, 10 cleats for 7' and 8' wheels and 20 cleats for 10' wheels.

HUB HALF



Part #	Part Weight	Part Size
--------	-------------	-----------

750070	1.09 lbs	4"
750071	1.19 lbs	5"

Galvanized c4 required per wheel.

RIM HALF



Part #	Part Weight	Part Size
--------	-------------	-----------

750088	9.00 lbs	58" / 18ga
750091	10.00 lbs	64" / 18ga
750094	12.00 lbs	76" / 18ga
100011 **	19.00 lbs	96" / 18ga
100060 **	23.00 lbs	120" / 18ga

***Limited availability. Check with factory.*

Galvanized —2 required per wheel.

WHEEL LINE SYSTEMS

Western / A&M / Solaroll



SPOKES

Part #	Part Weight	Part Size	Wheel Size	Hub
WS 54	1.00 lbs	27 ¹ / ₄ "	58"	4
WS 55	0.90 lbs	26 ⁷ / ₈ "	58"	5
WS 6	1.10 lbs	30 ¹ / ₂ "	64"	4 & 5
WS 7	1.20 lbs	37"	76"	4 & 5
100077 **	1.50 lbs	46 ⁷ / ₈ "	96"	4 & 5
100078 **	2.40 lbs	56 ³ / ₄ "	120"	4 & 5

**Limited availability. Check with factory.*

*16 required for 58" & 64" wheel, 20 required for 76", 96" and 120" wheels.
Measured end to end. Zinc Plated.*

Galvanized.

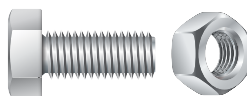


STEEL CLEATS

Part # Part Weight (Per 10)

WC 11 3	2.25 lbs
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NOTE: Box Quantity of 500.



There are 1,200 bolts and 4,000 nuts in a keg.

³/₈" X 1" CAP SCREWS AND NUTS

Part # Part Size Keg Qty

C 1	³ / ₈ " x 1" bolt	1200
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N 1	³ / ₈ " nut	4000
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WIND BRACE

Part # Part Weight Part Size

WWB 405	8.30 lbs	4" line, 5' wheel
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WWB 407	9.80 lbs	4" line, 6' & 7' wheel
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WWB 505	8.90 lbs	5" line, 5' wheel
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WWB 507	9.80 lbs	5" line, 6' & 7' wheel
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RATCHETED LINE ANCHOR STABILIZER BAR

Part # Part Weight Tube Size Wheel Size

22-4-57	28.60 lbs	4"	57" and 64"
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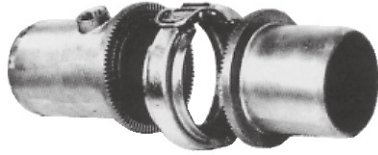
22-4-76	29.80 lbs	4"	76"
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22-5-57	31.30 lbs	5"	57" and 64"
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22-5-76	32.10 lbs	5"	76"
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ALUMINUM QUICK DISCONNECT COUPLER



Part #	Part Weight	Part Size
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CX 4463	8.00 lbs	4"
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CX 5563	8.20 lbs	5"
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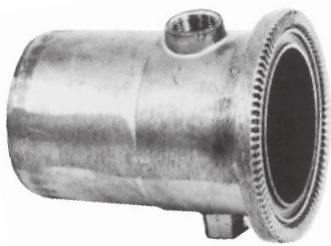
Square O-ring Standard. – Part number 200470

*Includes heavy duty steel ring-lock clamp, and flapper type drain valve.
Has 1" riser outlet. Press bands not included in price.*



This part is for A & M wheel lines only.

MALE COUPLER



Part #	Part Weight	Part Size
--------	-------------	-----------

C 4463 M	3.20 lbs	4"
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C 5563 M	3.40 lbs	5"
----------	----------	----

Square O-ring gasket race standard. – Part number 200470

Includes flapper type drain valve.



This part is for A & M wheel lines only.

FEMALE COUPLER



Part #	Part Weight	Part Size
--------	-------------	-----------

C 4463 F	2.10 lbs	4"
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C 5563 F	2.00 lbs	5"
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*Square O-ring standard.
Part number 200470.*



This part is for A & M wheel lines only.

WHEEL LINE SYSTEMS

Western / A&M / Solaroll



WMT C



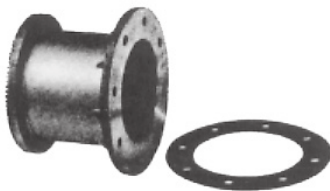
RLT 4463 – Obsolete

HEAVY-DUTY STEEL RING LOCK CLAMP

Part #	Part Weight	Part Size
--------	-------------	-----------

WMT C	2.80 lbs	—
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A&M RLT 4463 clamp discontinued. Western clamp may be tighter initially.



DEMOUNTABLE FLANGE ADAPTER

Part #	Part Weight	Part Size
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PMA 563	4.00 lbs	4" x 5"
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Square O-ring gasket race standard. Includes AMRAD 4G flat gasket. Fits both 4" and 5" lateral roll couplers.



This part is for A&M wheel lines only.



WEPV 4463M

WEPV 4463F

FLUSHING END PLUG

Part #	Part Weight	Part Size
--------	-------------	-----------

WEPV 4463 M	6.10 lbs	4"
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WEPV 4463 F	5.10 lbs	4"
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Square O-ring standard. Does not include ring-lock clamp. Fits 4" and 5" couplers. Permits flushing of line without shutting off pressure.



This part is for A&M wheel lines only.



CENTER FEED TEE

Part #	Part Weight	Part Size
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T 55463	15.50 lbs	—
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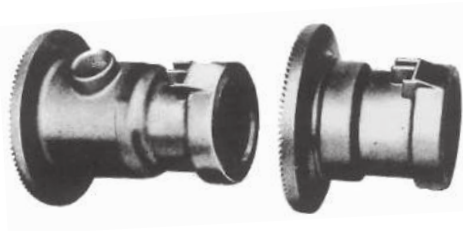
Includes 1 square O-ring & 1 non-drain gasket. Fits 4" and 5" couplers. Used when wheel line straddles the mainline.



This part is for A&M wheel lines only.



ALUMINUM HOSE AND TELESCOPE ADAPTERS



MA

FA

Part #	Part Weight	Part Size
--------	-------------	-----------

MA 4363	2.10 lbs	4" x 3"
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MA 4463	2.50 lbs	4" x 4"
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MA 5463	3.20 lbs	5" x 4"
---------	----------	---------

MA 5563	2.80 lbs	5" x 5"
---------	----------	---------

FA 4363	2.50 lbs	4" x 3"
---------	----------	---------

FA 4463	3.30 lbs	4" x 4"
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FA 5463	3.20 lbs	5" x 4"
---------	----------	---------

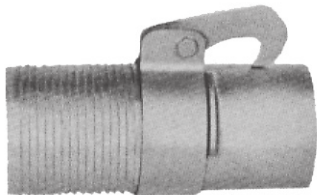
FA 5563	3.80 lbs	5" x 5"
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Square O-ring & Drain gasket included.



This part is for A&M wheel lines only

MALE ALUMINUM HOSE END



Part #	Part Weight	Part Size
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HAX 44	3.00 lbs	4"
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Includes one band and latch assembly.



A&M hook included

WHEEL LINE SYSTEMS

Western / A&M / Solaroll

O RINGS

NOTE: ORG Box Quantity of 200

Part #	Description	Part Size	Fits
ORG	Travis / Western Round	4 ⁷ / ₈ " OD x 4 ¹ / ₂ " ID	Travis / Western Aluminum
WID E 1*	Travis Internal drain	4" & 5"	Travis Internal Drain
200463	A&M Round	5" OD x 4 ³ / ₈ " ID	A&M Round
200470	A&M Square	5" OD x 4 ¹ / ₂ " ID	A&M Square
200424	Trunnell Quad	4 ⁷ / ₈ " OD x 4 ³ / ₈ " ID	Trunnell 4" steel Approx. 4 ³ / ₈ " ctr. to ctr.
200425	Trunnell Quad	5 ⁷ / ₈ " OD x 5 ¹ / ₄ " ID	Trunnell 5" steel Approx. 5 ¹ / ₂ " ctr. to ctr.
200426	Trunnell Quad	5" OD x 4 ¹ / ₂ " ID	Trunnell 4" & 5" aluminum Approx.. 4 ³ / ₄ " ctr. to ctr.
300464	Western	5" OD x 4 ³ / ₄ " ID	Western Steel

* Internal Drain Chevron Gasket fits WID Couplers.

ORG Box Quantity of 200

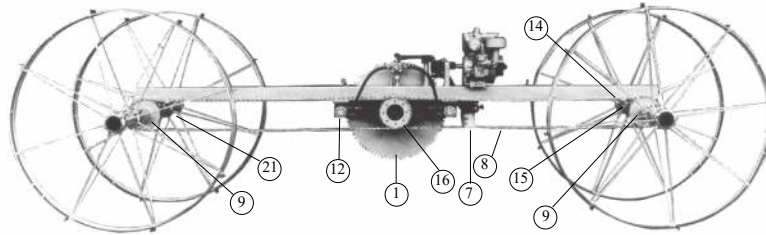
'O' ring gasket for torque coupler. Specify when ordering for steel.



3M CEMENT

Part #	Part Weight
A 88	5.00 oz

Used to glue in center bolt-on riser outlet gaskets and torque coupler 'O' rings. Larger quantities available upon request.



WESTERN AND A & M HYDRAULIC MOVER PARTS

Vertical shaft to horizontal shaft engine conversion kits available – consult the factory.

Part #	Description
1 113046	Bull gear
2 113044	Orbit motor gear
3 113081	Hydraulic control valve assem.
3B 113010	Valve only
4 113083	Hydraulic pump assembly
4B 113011	Pump only
5 113009	4-J flange 1/2"
6 70-9-7	Commercial grade engine, other options available contact factory
7 113016A	Canister filter only
7 113016	Canister filter assembly
8 113266	Roller chain #50 (not shown)
9 113070	Axle w/ drive sprockets
10 113267	Breather cap
11 113308	4-J flange 1" - other options available, contact factory
12 113013	Orbit motor K
13 113023	Discharger hose 3/8" x 20"
14 113186	Stringer adjustment bolt
15 113072	Tall axle bearing assembly
16 113041	Standard main axle sprocket
17 117018	Hose 3/8" x 27"
18 GVB 3/4	3/4" shut-off valve
19 113024	3/4" x 24" suction hose
21 113090	Nose axle bearing assembly
22 113282	4-J rubber sleeve
24 113228	Tee 1/2"

Part #	Description
25 113235	Close nipple 1/2" sch 80
113265	Flex coupling
113550	Replacement hood bracket kit
113199	Flat head orbit nose screw
60023	Seal kit for Char-Lynn series 7 orbit motor
60036	Seal kit for Char-Lynn series 5 orbit motor
60540	Seal kit for Char-Lynn series 9 orbit motor
4144	Chain A2050 connecting link
4153	Chain A2050 offset link
113040	Nose & tail axle sprocket
113015	Orbit motor P
113310	Complete component box
Tech MM	Motor mount conversion plate for tech engine
6HP SAE AA 2	6HP C face pump mount Honda
8HP SAE AA 2	8HP C face pump mount Briggs & Stratton
113046A	2-8200 single rail bull gear assembly
CVR/H DOOR	Cover door only
CVR DOOR HNG	Cover door hinge each
CVR LATCH	Cover rubber latch kit
<i>Parts listed below fit Western Style movers manufactured prior to Sept. 1980</i>	
7 117016	Flat filter
117016S	Flat filter screen

WHEEL LINE SYSTEMS

Western / A&M / Solaroll



WESTERN AND A & M HYDRAULIC TWIN RAIL MOVER PARTS

Twin rail mover parts.

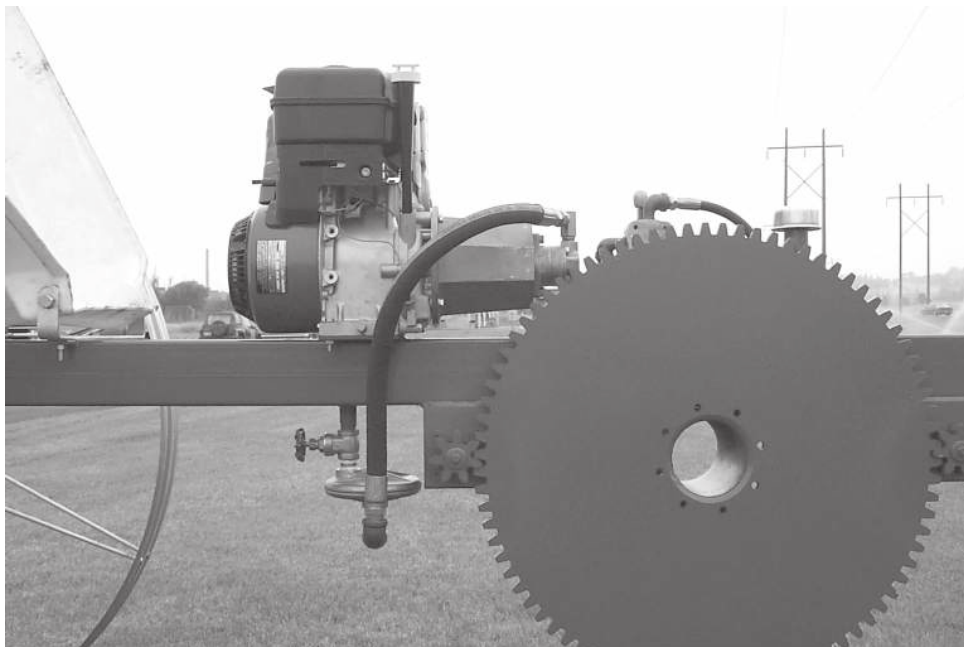
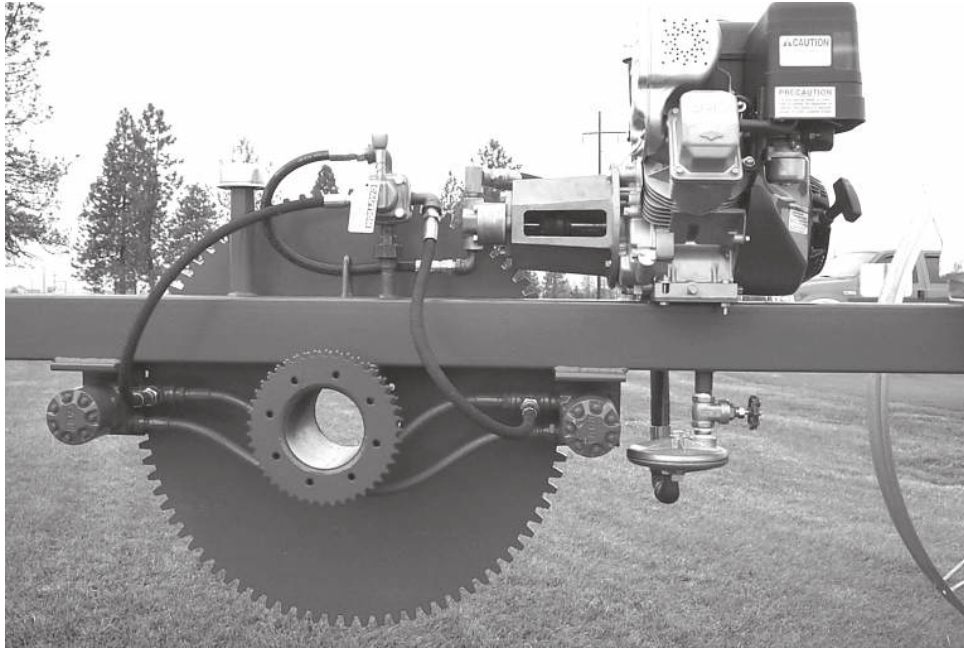
All parts are the same as the standard 12' A & M and Western Mover, except for the ones listed below.

Part #	Description
117016	Flat Filter
117016S	Flat Filter Screen Only
118023	$\frac{3}{8}$ " x 20" hose (Connects pump to valve)
118002	Power pack assembly (includes engine & pump assembly)
70-9-7	Engine only (Honda GX 200) - other options available, contact factory
118266	Chains A2050 (154 pitch)
118072	Axle bearing assembly left (hole is on the left side of bent portion of the plate when looking at the bearing assembly with the bent side closest to you)
118090	Axle bearing assembly right (same as above only the hole is on the right side)
118070	Axle w/ drive sprockets (standard length 6'8")
118046A	Twin rail bull gear assembly



TRAVIS
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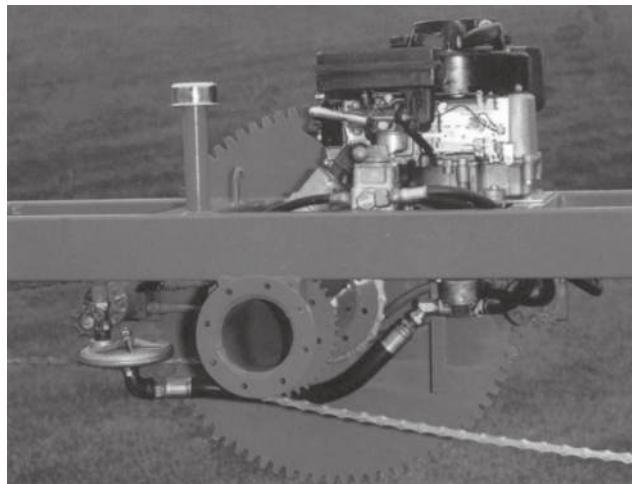
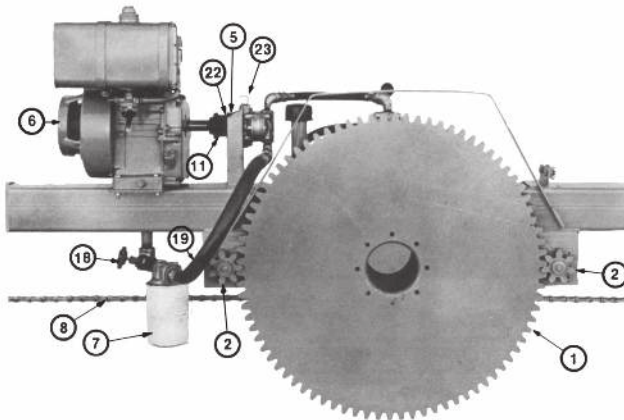
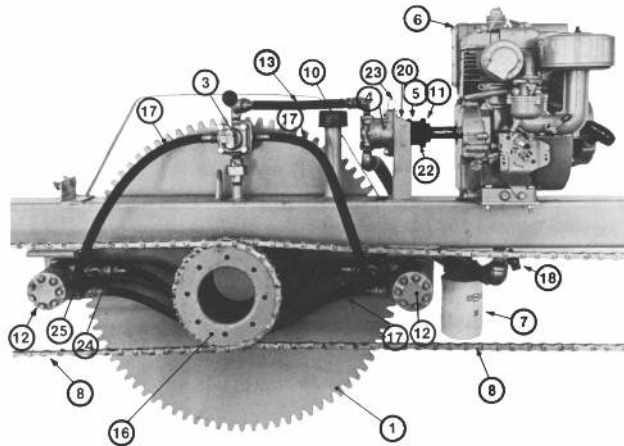
**WESTERN AND A & M HYDRAULIC MOVER PARTS
FOR MODELS MANUFACTURED IN 2004 OR LATER**

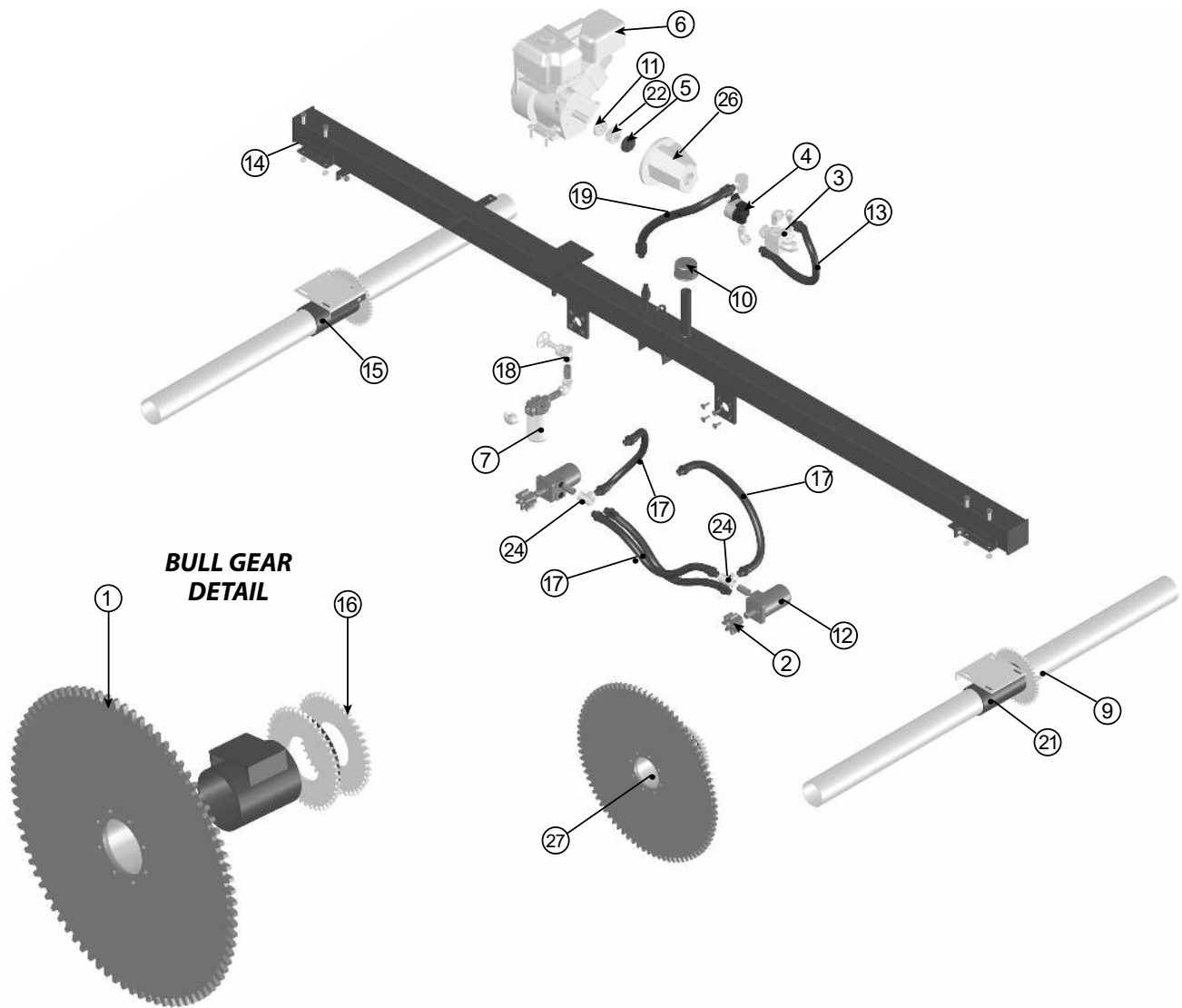


WHEEL LINE SYSTEMS

Western / A&M / Solaroll

WESTERN AND A & M HYDRAULIC MOVER PARTS MODELS MANUFACTURED PRIOR TO 2004

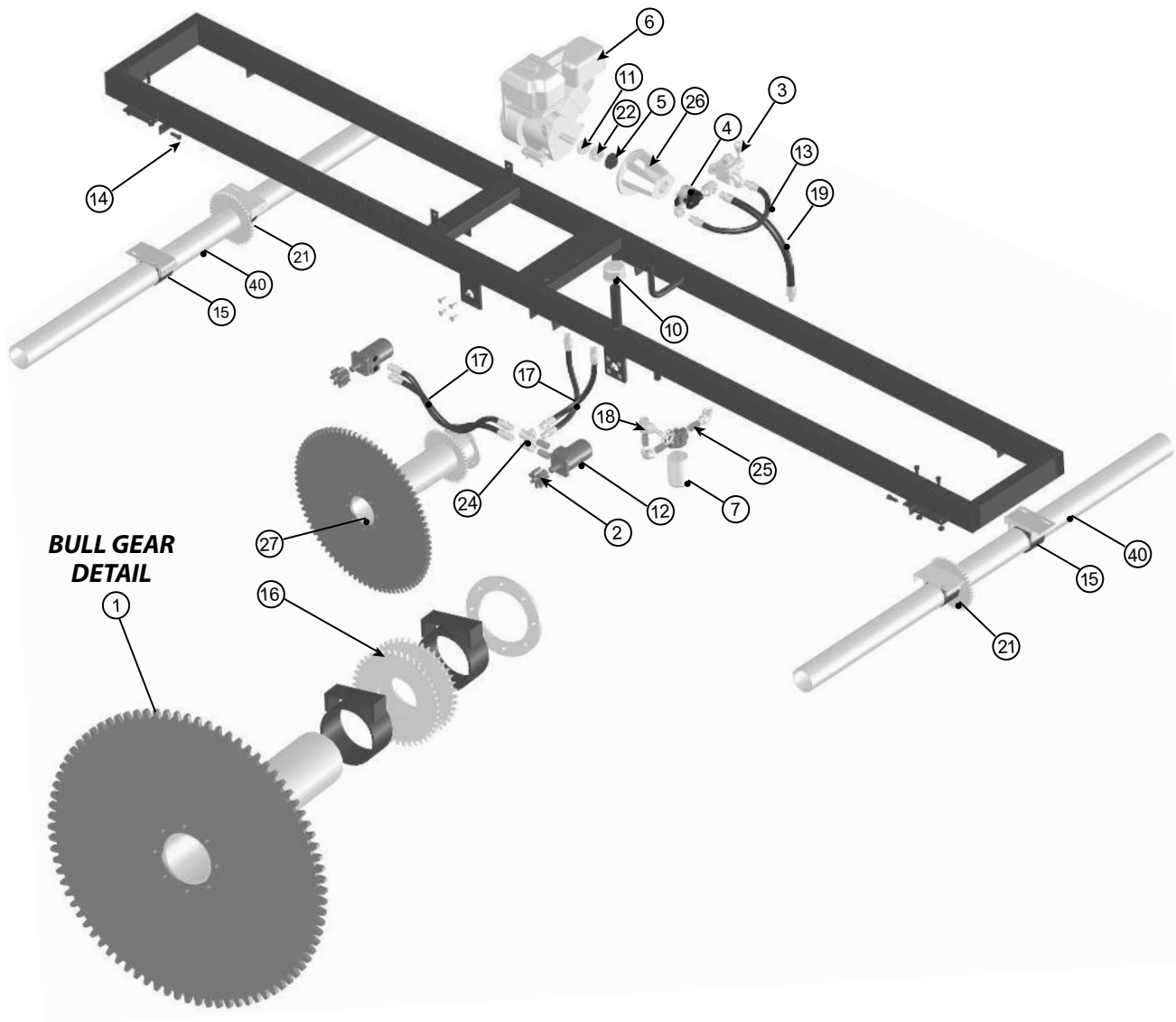




SINGLE RAIL MOVER ASSEMBLY

Part #	Description
❶ 113046	Bull gear
❷ 113044	Orbit motor gear
❸ 113081	Hydraulic control valve assembly
❸B 113010	Valve only
❹ 113083	Hydraulic pump assembly
❹B 113011	Pump only
❺ 113009	4-J flange 1/2"
❻ 113060	1450 series Briggs & Stratton engine (OBSOLETE)
❻ 70-9-7	6.5 HP commercial grade engine (Standard)
❻ 70-9-6	5.5 HP commercial grade engine (Optional)
❼ 113016	Canister filter assembly
❽ 113266	Roller chain #50 (not shown)
❾ 113070	Axle w/ drive sprocket
❿ 113267	Breather cap
⓫ 113308	4-J flange 1" Briggs & Stratton
⓫ 70-419-2	4J flange 3/4" Honda Engines
⓬ 113013	Orbit motor K
⓬ 113023	Discharger hose 3/8" x 20"
⓭ 113186	Stringer adjust. bolt
⓮ 113072	Tall axle bearing assembly
⓯ 113041	Standard main axle sprocket
⓰ 117018	Hose 3/8" x 27"

Part #	Description
❶ 18 GVB 3/4	3/4" shut-off valve
❶ 19 113024	3/4" x 24" suction hose
❶ 21 113090	Nose axle bearing assembly
❶ 22 113282	4-J rubber sleeve
❶ 24 113228	Tee 1/2"
❶ 25 113235	Close nipple 1/2" sch 80
113265	Flex coupling
113550	Replacement hood bracket kit
113199	Flat head orbit nose screw
60023	Seal kit for Char-Lynn series 7 orbit motor
60036	Seal kit for Char-Lynn series 5 orbit motor
60540	Seal kit for Char-Lynn series 9 orbit motor
4144	Chain A2050 connecting link
4153	Chain A2050 offset link
113040	Nose & tail axle sprocket only
113015	Orbit motor P
113310	Complete component box
Tech MM	Motor mount conversion plate for Honda engines.
❶ 26 6HP SAE AA 2	6HP C face pump mount Honda engines
❶ 26 8HP SAE AA 2	8HP C face pump mount Briggs engine
113046A	Bull gear assembly - single rail
❶ 18 GVB 3/4	3/4" shut-off valve



WHEEL LINE SYSTEMS

Western / A&M / Solaroll

TWIN RAIL MOVER ASSEMBLY

Part #	Description
❶ 113046	Bull gear
❷ 113044	Orbit motor gear
❸ 113081	Hydraulic control valve assembly
❸B 113010	Valve only
❹ 113083	Hydraulic pump assembly
❹B 113011	Pump only
❺ 113009	4-J flange 1/2"
❻ 113060	1450 series Briggs & Stratton engine (OBSOLETE)
❻ 70-9-7	6.5 HP commercial grade engine (Standard)
❻ 70-9-6	5.5 HP commercial grade engine (Optional)
❼ 113016	Canister filter assembly
❽ 113266	Roller chain #50 (not shown)
❾ 113070	Axle w/ drive sprocket
❿ 113267	Breather cap
⓫ 113308	4-J flange 1" Briggs & Stratton
⓫ 70-419-2	4J flange 3/4" Honda engines
⓬ 113013	Orbit motor K
⓬ 113023	Discharger hose 3/8" x 20"
⓭ 113186	Stringer adjust. bolt
⓮ 113072	Tall axle bearing assembly
⓯ 113041	Standard main axle sprocket
⓰ 117018	Hose 3/8" x 27"
⓱ 113024	3/4" x 24" suction hose
⓱ 118090	Nose axle bearing assembly - right
⓲ 113282	4-J rubber sleeve
⓴ 113228	Tee 1/2"
⓶ 113235	Close nipple 1/2" sch 80

Part #	Description
113265	Flex coupling
113550	Replacement hood bracket kit
113199	Flat head orbit nose screw
60023	Seal kit for Char-Lynn series 7 orbit motor
60036	Seal kit for Char-Lynn series 5 orbit motor
60540	Seal kit for Char-Lynn series 9 orbit motor
4144	Chain A2050 connecting link
4153	Chain A2050 offset link
113040	Nose & tail axle sprocket only
113015	Orbit motor P
113310	Complete component box
Tech MM	Motor mount conversion plate for Honda engines.
⓶ 6HP SAE AA 2	6HP C face pump mount Honda engines
⓶ 8HP SAE AA 2	8HP C face pump mount Briggs engine
⓷ 118046A	Bull gear assembly - twin rail
117016	Flat Filter
118023	3/8" x 20" hose (Connect to pump valve)
118002	Power pack assembly (includes engine & pump assembly)
118266	Chains A2050 (154 pitch)
⓮ 118072	Axle bearing assembly left (hole is on the left side of bent portion of the plate when looking at the bearing assembly with the bent side closest to you)
⓱ 118090	Axle bearing assembly right (same as above only the hole is on the right side)
⓴ 118070	Axle with drive sprockets (standard length 6'8")



WR-33



WR-32



WR-35

3/4" BRASS AGRICULTURAL SPRINKLERS

NOTE: All sprinklers are double nozzle, but are shipped with the removable spreader nozzle plug installed and no range nozzle. All nozzles are ordered separately.*See performance data on following pages.

Part #	Description	Part Weight	Box Qty.
WR-33	Brass Impact Sprinkler	1.00 lbs	30/60
WR-32	Brass Sprinkler w/ Aluminum Arm	1.00 lbs	30/60
WR-35	Part-circle Adjustable brass sprinkler	1.40 lbs	20

NOZZLES

Part #	Part Size	GPM at 50 PSI	Application Rate (40x60)	Box Qty.
WR-7/64	7/64" Range nozzle	2.45	—	30
WR-1/8	1/8" Range nozzle	3.22	—	30
WR-9/64	9/64 Range nozzle	4.07	0.16"/hr	30
WR-5/32	5/32" Range nozzle	4.98	0.20"/hr	30
WR-11/64	11/64" Range nozzle	6.01	0.24"/hr	30
WR-3/16	3/16" Range nozzle	7.16	0.29"/hr	30
WR-13/64	13/64" Range nozzle	8.45	0.34"/hr	30
WR-7/32	7/32" Range nozzle	9.90	0.40"/hr	30
WR-1/4	1/4" Range nozzle	12.80	0.52"/hr	30
SSN-3/32	3/32" Spreader nozzle	3.22	—	30
SSN-1/8	1/8" Spreader nozzle	1.76	—	30
SNP	Spreader nozzle plug (included with sprinkler)	—	—	50
VANE	Stream straightening vane for range nozzle	—	—	100

WHEEL LINE SYSTEMS

Western / A&M / Solaroll

PERFORMANCE DATA - WR-33 BRASS IMPACT SPRINKLER

NOTE: Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above. Highest point of stream is 8 ft. above nozzle with 1/8" nozzle at normal operating pressure. Performance stated at base pressure.



WR-33 SINGLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

1/8"			9/64"		5/32"		11/64"		3/16"		13/64"		7/32"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	—	—	2.88	80'	3.52	82'	4.24	83'	5.00	85'	5.90	86'	6.85	88'
30	—	—	3.15	81'	3.85	85'	4.64	88'	5.50	91'	6.50	94'	7.55	95'
35	—	—	3.40	82'	4.16	87'	5.02	90'	6.00	94'	7.05	97'	8.20	100'
40	—	—	3.64	83'	4.45	88'	5.37	92'	6.40	96'	7.55	99'	8.80	102'
45	3.05	82'	3.86	84'	4.72	89'	5.70	94'	6.80	98'	8.00	101'	9.35	104'
50	3.22	83'	4.07	85'	4.98	90'	6.01	95'	7.20	100'	8.45	103'	9.90	106'
55	3.38	84'	4.27	86'	5.22	91'	6.30	96'	7.50	101'	8.85	104'	10.40	107'
60	3.53	85'	4.46	87'	5.45	92'	6.57	97'	7.90	102'	9.25	105'	10.75	108'
65	3.68	86'	4.65	88'	5.68	93'	6.83	98'	8.20	103'	9.60	106'	11.10	109'
70	3.82	86'	4.83	89'	5.90	94'	7.09	99'	8.50	104'	9.95	107'	11.40	110'
75	3.96	87'	5.00	90'	6.11	95'	7.34	100'	8.80	105'	10.25	108'	11.70	111'
80	4.09	87'	5.17	91'	6.30	96'	7.58	101'	9.10	106'	10.50	109'	12.00	112'

WR-33 DOUBLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

9/64" x 3/32"			5/32" x 3/32"		11/64" x 3/32"		3/16" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	4.18	80	4.83	82	5.55	83	6.31	85	7.40	85	8.30	86	9.25	88
30	4.58	81	5.28	85	6.07	88	6.93	91	8.15	91	9.15	94	10.20	96
35	4.95	82	5.71	87	6.57	90	7.51	94	8.83	94	9.93	97	11.10	100
40	5.29	83	6.11	88	7.03	92	8.03	96	9.46	96	10.65	99	11.90	102
45	5.61	84	6.48	89	7.46	94	8.53	98	10.05	98	11.30	101	12.65	104
50	5.91	85	6.82	90	7.78	95	9.00	100	10.60	100	11.90	103	13.35	106
55	6.20	86	7.15	91	8.25	96	9.45	101	11.10	101	12.50	104	14.00	107
60	6.48	87	7.47	92	8.60	97	9.86	102	11.60	102	13.00	105	14.50	108
65	6.75	88	7.78	93	8.93	98	10.27	103	12.10	103	13.50	106	15.00	109
70	7.00	89	8.08	94	9.25	99	10.66	104	12.50	104	14.00	107	15.45	110
75	7.25	90	8.37	95	9.56	100	11.02	105	12.90	105	14.40	108	15.90	111
80	7.49	91	8.65	96	9.87	101	11.36	106	13.25	106	14.80	109	16.30	112



PERFORMANCE DATA - WR-32 BRASS IMPACT SPRINKLER

Aluminum arm for low gallonage applications

WR-32 SINGLE NOZZLE - ALUMINUM ARM

7/64"			1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	—	—	2.25	78'	2.88	80'
30	—	—	2.47	79'	3.15	81'
35	—	—	2.68	80'	3.40	82'
40	—	—	2.87	81'	3.64	83'
45	2.32	80'	3.05	82'	3.86	84'
50	2.45	80'	3.22	83'	4.07	85'
55	2.57	81'	3.38	84'	4.27	86'
60	2.68	82'	3.53	85'	4.46	87'
65	2.79	82'	3.68	86'	4.65	88'
70	2.90	83'	3.82	86'	4.83	89'
75	3.00	83'	3.96	87'	5.00	90'
80	3.10	84'	4.09	87'	5.17	91'

WR-32 SINGLE NOZZLE - ALUMINUM ARM WITH STRAIGHTENING VALVE

7/64"			1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	—	—	2.25	82'	2.88	85'
30	—	—	2.47	84'	3.15	87'
35	—	—	2.68	85'	3.40	89'
40	—	—	2.87	86'	3.64	91'
45	2.32	82'	3.05	87'	3.86	92'
50	2.45	83'	3.22	88'	4.07	93'
55	2.57	84'	3.38	89'	4.27	94'
60	2.68	85'	3.53	90'	4.46	95'
65	2.79	86'	3.68	91'	4.65	96'
70	2.90	87'	3.82	92'	4.83	97'
75	3.00	88'	3.96	93'	5.00	98'
80	3.10	89'	4.09	94'	5.17	100'

WHEEL LINE SYSTEMS

Western / A&M / Solaroll



PERFORMANCE DATA - WR-35 ADJUSTABLE PART CIRCLE BRASS IMPACT SPRINKLER

NOTE: Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above. Highest point of stream is 7 ft. above nozzle with 1/8" nozzle at normal operating pressure. Performance stated at base pressure.

WR-35 SINGLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

5/32"			11/64"		3/16"		13/64"		7/32"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
30	3.85	84'	4.64	87'	5.50	89'	6.50	96'	7.55	94'
35	4.16	85'	5.02	88'	5.96	92'	7.05	95'	8.20	96'
40	4.45	87'	5.37	90'	6.38	94'	7.55	97'	8.80	98'
45	4.72	88'	5.70	92'	6.78	96'	8.00	99'	9.35	100'
50	4.98	89'	6.01	93'	7.16	98'	8.45	101'	9.90	102'
55	5.22	90'	6.30	94'	7.52	100'	8.85	102'	10.40	104'
60	5.45	91'	6.57	96'	7.85	101'	9.25	103'	10.75	105'
65	5.68	92'	6.83	97'	8.18	102'	9.60	104'	11.10	106'
70	5.90	93'	7.09	98'	8.50	103'	9.95	105'	11.40	107'

WR-35 DOUBLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

9/64" x 3/32"			5/32" x 3/32"		11/64" x 3/32"		3/16" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
30	4.58	80'	5.28	84'	6.07	87'	6.93	89'	8.15	89'	9.15	93'	10.20	94'
35	4.95	81'	5.71	85'	6.57	88'	7.51	92'	8.83	92'	9.93	95'	11.10	96'
40	5.29	82'	6.11	87'	7.03	90'	8.03	94'	9.46	94'	10.65	97'	11.90	98'
45	5.61	83'	6.48	88'	7.46	92'	8.53	96'	10.05	96'	11.30	99'	12.65	100'
50	5.91	84'	6.82	89'	7.87	93'	9.00	98'	10.60	98'	11.90	101'	13.35	102'
55	6.20	85'	7.15	90'	8.25	94'	9.45	100'	11.10	100'	12.50	102'	14.00	104'
60	6.48	86'	7.47	91'	8.60	96'	9.86	101'	11.60	101'	13.00	103'	14.50	105'
65	6.75	87'	7.78	92'	8.93	97'	10.27	102'	12.10	102'	13.50	104'	15.00	106'
70	7.00	88'	8.08	93'	9.25	98'	10.66	103'	12.50	103'	14.00	105'	15.45	107'



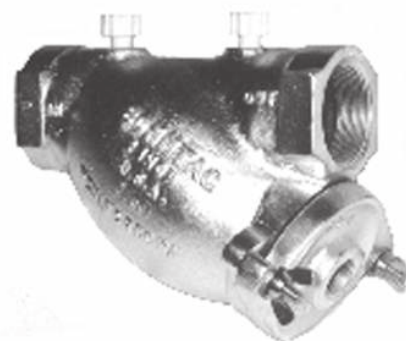
1-1/4" NPT FILTER

Part #	Part Size
21000	W/O Screen
21M150	150 mesh
21M120	120 mesh
21M80	80 mesh
21020	40 mesh
21032	$\frac{1}{32}$ "
21050	$\frac{3}{64}$ "
21062	$\frac{1}{16}$ "
21093	$\frac{3}{32}$ "
21125	$\frac{1}{8}$ "
21188	$\frac{3}{16}$ "
21250	$\frac{1}{4}$ "

3/4" NPT flush port.

200 PSI max working pressure.

50 GPM rating is with the lowest flow screen with no head loss.



2" NPT FILTER

Part #	Part Size
22000	W/O Screen
22M150	150 mesh
22M120	120 mesh
22M80	80 mesh
22020	40 mesh
22032	$\frac{1}{32}$ "
22050	$\frac{3}{64}$ "
22062	$\frac{1}{16}$ "
22093	$\frac{3}{32}$ "
22125	$\frac{1}{8}$ "
22188	$\frac{3}{16}$ "
22250	$\frac{1}{4}$ "

3/4" NPT flush port.

200 PSI max working pressure.

80 GPM rating is with the lowest flow screen with no head loss.



REPLACEMENT SCREENS FOR 1-1/4" & 2" FILTERS

1 1/4" SCREENS

Part #	Part Size
1M150	150 mesh
1M120	120 mesh
1M80	80 mesh
1020	40 mesh
1032	1/32"
1050	3/64"
1062	1/16"
1093	3/32"
1125	1/8"
1188	3/16"
1250	1/4"

2" SCREENS

Part #	Part Size
2M150	150 mesh
2M120	120 mesh
2M80	80 mesh
2020	40 mesh
2032	1/32"
2050	3/64"
2062	1/16"
2093	3/32"
2125	1/8"
2188	3/16"
2250	1/4"

REPLACEMENT SCREENS FOR 3" & 4" FILTERS

3" SCREENS

Part #	Part Size
3M150	150 mesh
3M120	120 mesh
3M80	80 mesh
3020	40 mesh
3032	1/32"
3050	3/64"
3062	1/16"
3093	3/32"
3125	1/8"
3188	3/16"
3250	1/4"

4" SCREENS

Part #	Part Size
4M150	150 mesh
4M120	120 mesh
4M80	80 mesh
4020	40 mesh
4032	1/32"
4050	3/64"
4062	1/16"
4093	3/32"
4125	1/8"
4188	3/16"
4250	1/4"



3" NPT FILTER

Part #	Part Size
23000	W/O Screen
23M150	150 mesh
23M120	120 mesh
23M80	80 mesh
23020	40 mesh
23032	$\frac{1}{32}$ "
23050	$\frac{3}{64}$ "
23062	$\frac{1}{16}$ "
23093	$\frac{3}{32}$ "
23125	$\frac{1}{8}$ "
23188	$\frac{3}{16}$ "
23250	$\frac{1}{4}$ "

1" NPT flush port

125 PSI max working pressure.

150 GPM rating is with the lowest flow screen with no head loss.



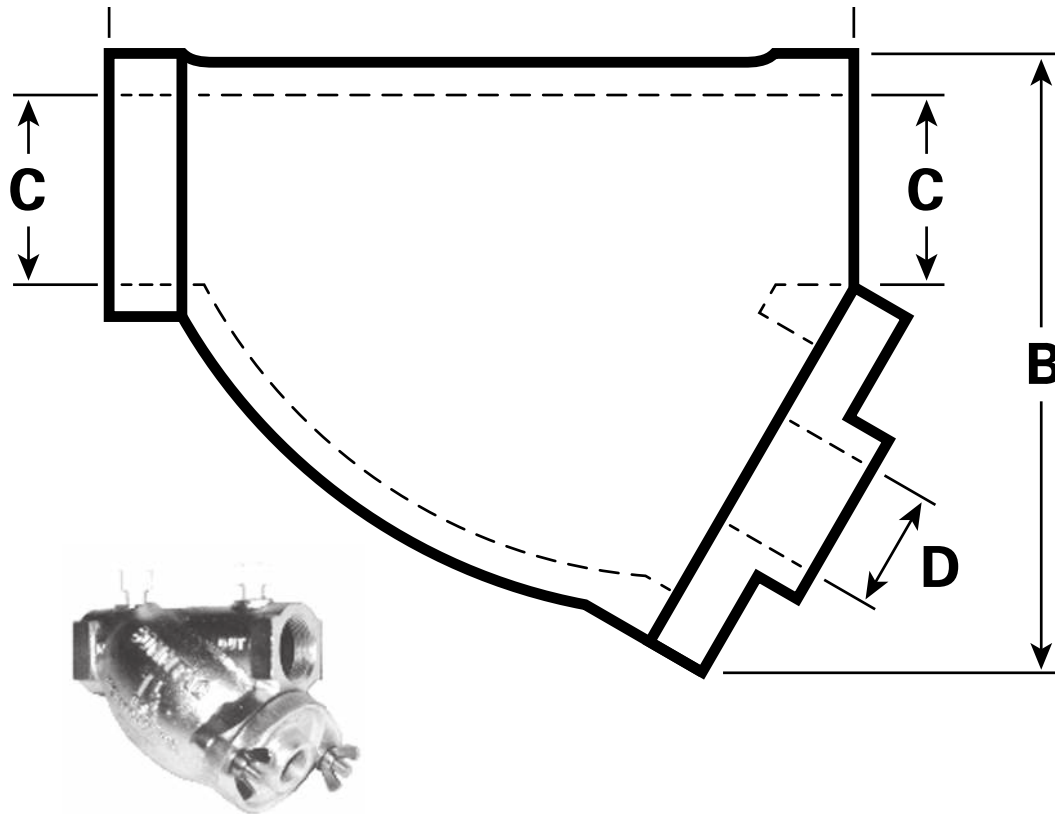
4" NPT FILTER

Part #	Part Size
24000	W/O Screen
24M150	150 mesh
24M120	120 mesh
24M80	80 mesh
24020	40 mesh
24032	$\frac{1}{32}$ "
24050	$\frac{3}{64}$ "
24062	$\frac{1}{16}$ "
24093	$\frac{3}{32}$ "
24125	$\frac{1}{8}$ "
24188	$\frac{3}{16}$ "
24250	$\frac{1}{4}$ "

1 1/4" NPT flush port

150 PSI max working pressure.

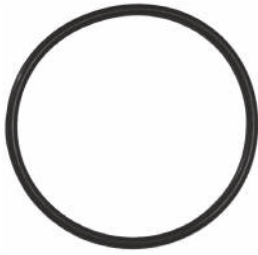
280 GPM rating is with the lowest flow screen with no head loss.



BODY DIMENSIONS FOR 1 1/4" THRU 4"

ALUMINUM "Y" FILTERS

Part Size - N.P.T.	Part Size - A	Part Size - B	Part Size - C	Part Size - D
1 1/4"	6 1/4"	5"	1 1/4" NPT	3/4" NPT
2"	8"	6 3/4"	2" NPT	3/4" NPT
3"	12 3/4"	8 3/4"	3" NPT	1" NPT
4"	17"	12"	4" NPT	1 1/4" NPT



O-RING

Part #	Part Size
2123	1/4"
2223	2"
2323	3"
2423	4"



STUD

Part #	Part Size
2138	1 1/4" & 2"



SWING BOLT

Part #	Part Size
2340	3" & 4"



WING NUT

Part #	Part Size
2130	1 1/4" & 2"
2330	3" & 4"



FLAT WASHER

Part #	Part Size
2112	1 1/4" & 2"
2312	3" & 4"



NUT & BOLT

Part #	Part Size
2335	3" & 4"



CAP

Part # **Part Size**

2110 1/4"

2210 2"

2310 3"

2410 4"



BODY

Part # **Part Size**

2121 1/4"

2221 2"

2321 3"

2421 4"



O-RING 10-PACK

Part # **Part Size**

2123P 1 1/4"

2223P 2"

2323P 3"

2423P 4"



STUD KITS

Part # **Part Size**

2138K (Single Pack) 1 1/4" & 2"

2138KP (10-Pack) 1 1/4" & 2"

Stud Kit Contains: 2 wing nuts, 2 flat washers, 2 studs

One Kit Shown



4" filter requires 2 kits -
4 bolts per body

SWING BOLT KITS

Part # **Part Size**

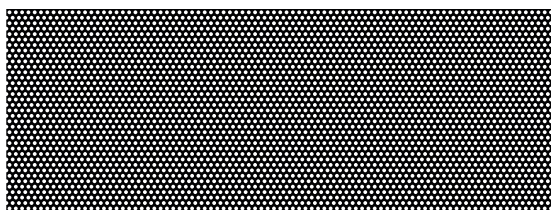
2340K (Single Pack) 3" & 4"

2340KP (10-Pack) 3" & 4"

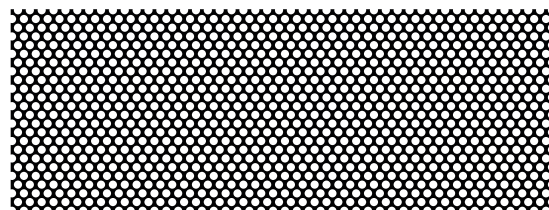
Swing Bolt Kit Contains:

2 wing nuts, 2 flat washers, 2 swing bolts, 2 nuts & bolts

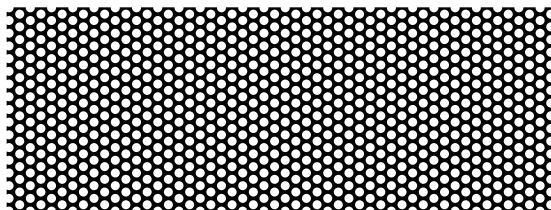
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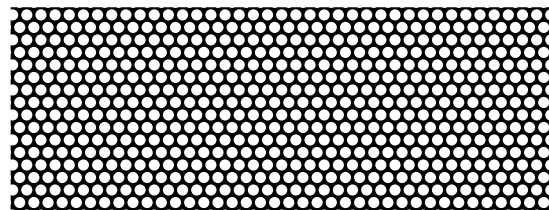
032=1/32



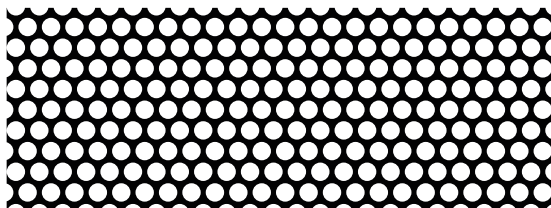
050=3/64



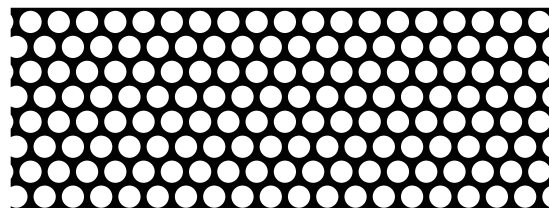
062=1/16



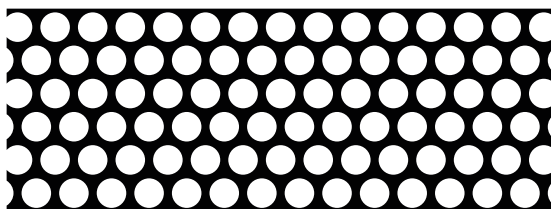
093=3/32



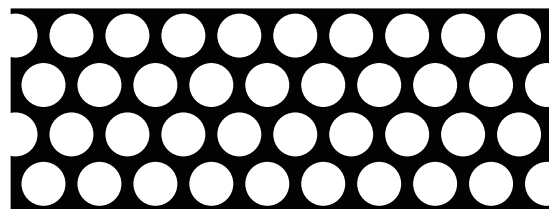
125=1/8



188=3/16



250=1/4



PERFORATED SCREEN MATERIAL 304 STAINLESS

Part #	Hole Dia.	Hole Ctrs.	% Open Area	Holes P.S.I	Sheet Width	Metal Gauge
020	0.02	0.043	20%	624	3'	28
032	1/32"	1/16"	23%	295	3'	26
050	3/64	5/64	33%	132	3'	26
062	1/16	$\frac{3}{32}$	41%	131	3'	26
093	$\frac{3}{32}$	$\frac{5}{32}$	33%	47	3'	24
125	$\frac{1}{8}$	$\frac{3}{16}$	40%	33	3'	20
188	$\frac{3}{16}$	$\frac{1}{4}$	51%	18	3'	20
250	$\frac{1}{4}$	$\frac{3}{8}$	40%	8	3'	20

Please call for price and delivery.



700 SERIES SOLID BASE VALVES

Part #	Part Size
700S	1 $\frac{1}{4}$ " NPT
701	1 $\frac{1}{2}$ " NPT
702	2" NPT

*Quantities more than 25 call for price.
Shipping weight approximately 1 to 5 lbs.*

800 SERIES SWIVEL BASE VALVES

Part #	Part Size
800	1 $\frac{1}{4}$ " NPT
801	1 $\frac{1}{2}$ " NPT
802	2" NPT

*Quantities more than 25 call for price.
Shipping weight approximately 2 to 6 lbs.*

SOLID BASE PARTS

VALVE SIZE 1-1/4"

Description	Part #
Hex Nut*	7002
Handwheel	7001S
Gland Nut**	7117
Packing	7119
Packing-25 Pack	7119P
Ferrule**	7018
Bonnet	7020**
Stem-Complete	7016
Stem-Complete - 10 pack	7016P
Body	7021
Seat Nut	7025

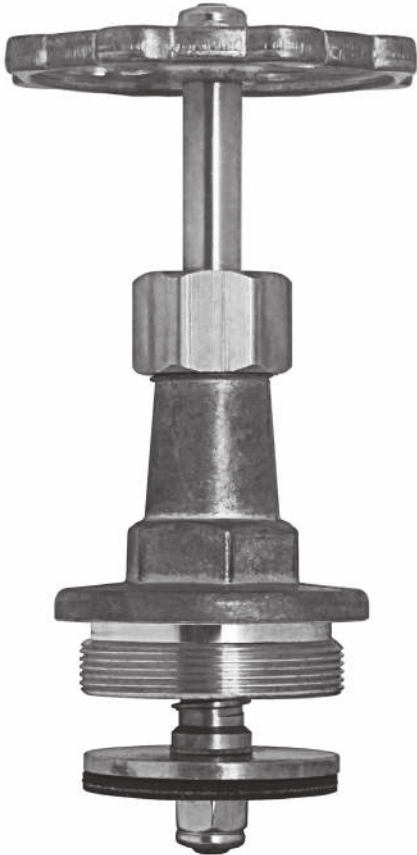
VALVE SIZE 1-1/2"

Description	Part #
Hex Nut	7102
Handwheel	7101S
Gland Nut	7117
Packing	7119
Packing-25 Pack	7119P
Ferrule	7118
Bonnet	7120
Stem-Complete	7116
Stem-Complete - 10 pack	7116P
Body	7121
Seat Nut	7125

VALVE SIZE 2"

Description	Part #
Hex Nut	7102
Handwheel	7101S
Gland Nut	7117
Packing	7119
Packing-25 Pack	7119P
Ferrule	7118
Bonnet	7220
Stem-Complete	7216
Stem-Complete - 10 pack	7216P
Body	7221
Seat Nut	7225

*Stainless Steel, **Solid Brass



SWIVEL BASE PARTS

1-1/4" VALVE SIZE

Description	Part #
Base Nut	8024
O-Ring	8023
O-Ring - 25 Pack	8023P
Sleeve	8022
Rebuild Kit	7020K
Rebuild Kit - 10 Pack	7020KP

1-1/2" VALVE SIZE

Description	Part #
Base Nut	8124
O-Ring	8123
O-Ring - 25 Pack	8123P
Sleeve	8122
Rebuild Kit	7120K
Rebuild Kit - 10 Pack	7120KP

2" VALVE SIZE

Description	Part #
Base Nut	8224
O-Ring	8223
O-Ring - 25 Pack	8223P
Sleeve	8222
Rebuild Kit	7220K
Rebuild Kit - 10 Pack	7220KP



SOLID & SWIVEL BASE STEM PARTS

1-1/4" VALVE SIZE

Description	Part #
Stem only**	7005
Nylon Washer ***	7012
Leaf washer **	7006
Rubber disc	7013
Rubber disc - 25 pack	7013P
Rubber disc kit (2 washers, 1 disc, 1 nut)	7013K
Rubber disc kit - 25 pack (2 washers, 1 disc, 1 nut per kit)	7013KP
Nylon washer***	7112
Stem lock nut	7114

1-1/2" VALVE SIZE

Description	Part #
Stem only**	7105
Nylon Washer ***	7012
Leaf washer **	7106
Rubber disc	7113
Rubber disc - 25 pack	7113P
Rubber disc kit (2 washers, 1 disc, 1 nut)	7113K
Rubber disc kit - 25 pack (2 washers, 1 disc, 1 nut per kit)	7113KP
Nylon washer***	7112
Stem lock nut	7114

2" VALVE SIZE

Description	Part #
Stem only**	7205
Nylon Washer ***	7012
Leaf washer **	7206
Rubber disc	7213
Rubber disc - 25 pack	7213P
Rubber disc kit (2 washers, 1 disc, 1 nut)	7213K
Rubber disc kit - 25 pack (2 washers, 1 disc, 1 nut per kit)	7213KP
Nylon washer***	7112
Stem lock nut	7114

* Stainless Steel

** Solid Brass

*** Nylatron

VALVE STEM PARTS



Stem



Nylon Washer



Leaf Washer



Rubber Disc



Nylon Washer



Lock Nut

VALVE PARTS

Hex Nut



Handwheel



Gland Nut



Packing



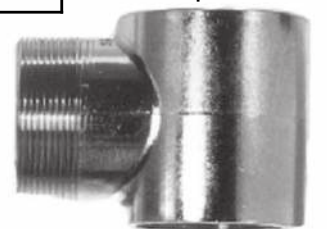
Ferrule



Bonnet



Stem Complete



Solid Seat Nut



Base Nut



O-Ring



Sleeve





SUB SURFACE VALVE

Part #	Part Size	Thread Size
--------	-----------	-------------

502	2"	2" FIPT
-----	----	---------

*Quantities more than 25 call for price.
Shipping Wt. approximately 3 lbs.*

2" SUB SURFACE VALVE PARTS

Description	Part #
Cap	5210
Stem - complete	5216
Spring *	5204
Spring washer *	5227
O-Ring	5223
Body	5221

STEM PARTS

Description	Part #
Hex Lock Nut *	7114
Rubber Disc w/ washer	5213WW
Stem Washer *	5208
Stem - Only **	5205

**Stainless Steel *Solid Brass*

2" SUB SURFACE VALVE PARTS VALUE PACKS

Description	Part #
Rubber disc - 25 pack	5213P
O-Ring - 25 pack	5223P

SUB SURFACE VALVE PARTS





502 VALVE OPERATING ELBOWS - LATCH STYLE

Part #	Part Size
--------	-----------

622L	2" x 2"
------	---------

623L	2" x 3"
------	---------

*Quantities more than 25 call for price.
Shipping weight approximately 5 lbs.*

OPERATING ELBOWS PARTS

2" x 2"

Description	Part #
-------------	--------

Hex Nut - Handwheel	7102
---------------------	------

Handwheel	7101S
-----------	-------

Gland Nut	7117
-----------	------

Packing	7119
---------	------

Ferrule**	7118
-----------	------

Body	6221
------	------

Gasket	G 28
--------	------

Square Nut & Screw	6235
--------------------	------

Clamp - Set	6233
-------------	------

Stem - complete	6216
-----------------	------

2" x 3"

Description	Part #
-------------	--------

Hex Nut - Handwheel	7102
---------------------	------

Handwheel	7101S
-----------	-------

Gland Nut	7117
-----------	------

Packing	7119
---------	------

Ferrule**	7118
-----------	------

Body	6321
------	------

Gasket	G 38
--------	------

Square Nut & Screw	6235
--------------------	------

Clamp - Set	6233
-------------	------

Stem - complete	6216
-----------------	------

STEM PARTS

2" x 2"

Description	Part #
-------------	--------

Nut Bushing**	6247
---------------	------

Stem - only**	6205
---------------	------

Stem cup**	6211
------------	------

Socket cap screw *	6209
--------------------	------

STEM PARTS

2" x 3"

Description	Part #
-------------	--------

Nut Bushing**	6247
---------------	------

Stem - only**	6205
---------------	------

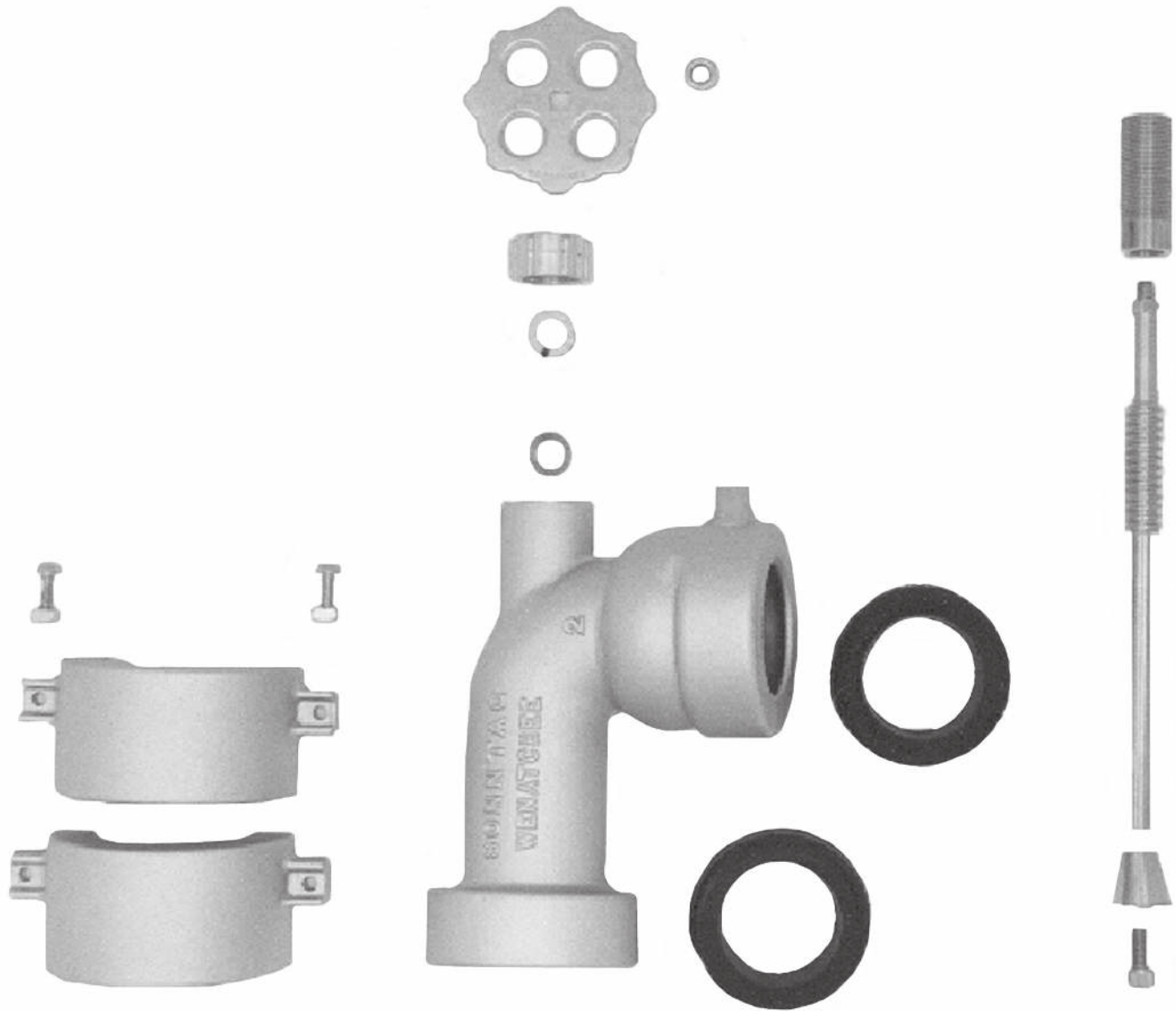
Stem cup**	6211
------------	------

Socket cap screw *	6209
--------------------	------

* Stainless Steel

** Solid Brass

OPERATING ELBOW PARTS





THREAD ADAPTER

Part # **Part Size**

101LW 2" x 2"

102LW 2" x 3"

Wade Knob on one side.

Latch Style on one side.



HOSE ADAPTER

Part # **Part Size**

105 2" x 1 1/4" Female

106 2" x 2" Male



BALL NUTS

Part # **Part Size**

108 1 1/4" x 2"

109 1 1/2" x 2"

110 2" x 2"



BELL ADAPTER

Part # **Part Size**

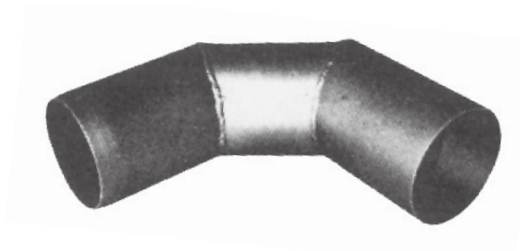
122L 2" x 2"

123L 2" x 3"

ALUMINUM ADAPTER PARTS

Description	Part #	Part Size
Adapter O-Ring	1223S	2"
	1323	3"
Adapter Clamp Half	1233	2"
	1333	3"
Square Nut & Screw	6235	—
Gasket	G 28	2"
	G 38	3"
	G 48	4"
Hose Adapter - Bell only	10554	2" x 1 ¹ / ₄ " Female
	10654	2" x 2" Male
Hose Adapter - Bell only (Latch Style)	12254L	2" x 2"
	12354L	2" x 3"
	13354L	3" x 3"
	13454L	3" x 4"
Hose Adapter - Bell only (Wade Style)	12254W	2" x 2"
	12354W	2" x 3"

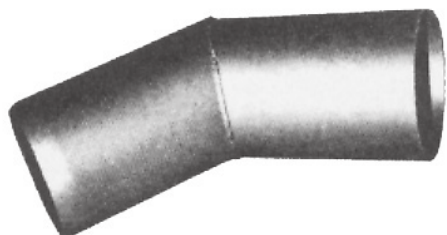
*Parts 13354L, 13454L, 12254W and 12354W are limited to stock on hand.
Consult factory for availability and pricing.*



BLACK STEEL WELD ELBOW - 90 DEGREE

Part #	Part Weight	STD GA	10 GA
SWE 200	2.00 lbs	✓	—
SWE 300	4.00 lbs	✓	—
SWE 400	6.00 lbs	✓	✓
SWE 500	8.00 lbs	✓	✓
SWE 600	10.00 lbs	✓	✓
SWE 700	11.00 lbs	✓	—
SWE 800	12.00 lbs	✓	✓
SWE 1000	15.00 lbs	✓	✓
SWE 1200	19.00 lbs	✓	✓

*2"-4" are sweep elbows, 5"-12" are miter cut elbows.
All 10 gauge elbows are miter cut.*



BLACK STEEL WELD ELBOW - 45 DEGREE

Part #	Part Weight	STD GA	10 GA
SWE 45200	1.50 lbs	✓	—
SWE 45300	3.00 lbs	✓	—
SWE 45400	5.00 lbs	✓	✓
SWE 45500	7.00 lbs	✓	✓
SWE 45600	9.00 lbs	✓	✓
SWE 45700	10.00 lbs	✓	—
SWE 45800	11.00 lbs	✓	✓
SWE 451000	13.00 lbs	✓	✓
SWE 451200	15.00 lbs	✓	✓

*2"-4" are sweep elbows, 5"-12" are miter cut elbows.
All 10 gauge elbows are miter cut.*



BLACK WELDING CONES



Part #	14GA	10GA	Part #	14GA	12GA	10GA
--------	------	------	--------	------	------	------

BWC 23	✓	—	BWC 67	✓	—	✓
BWC 24	✓	—	BWC 48	✓	—	✓
BWC 34	✓	—	BWC 58	✓	—	✓
BWC 35	✓	—	BWC 68	✓	—	✓
BWC 36	✓	—	BWC 78	—	✓	✓
BWC 45	✓	✓	BWC 89	—	✓	✓
BWC 46	✓	✓	BWC 810	—	✓	✓
BWC 56	✓	✓	BWC 910	—	✓	✓
			BWC 1012	—	✓	✓

Other sizes available upon request.

BLACK ECCENTRIC WELDING CONES



Part #	STD GA	10GA	Part #	STD GA	10GA
--------	--------	------	--------	--------	------

BEC 32	✓	—	BEC 84	✓	✓
BEC 42	✓	—	BEC 85	✓	✓
BEC 43	✓	—	BEC 86	✓	✓
BEC 53	✓	—	BEC 106	✓	✓
BEC 54	✓	✓	BEC 108	✓	✓
BEC 63	✓	✓	BEC 126	✓	✓
BEC 64	✓	✓	BEC 128	✓	✓
BEC 65	✓	✓	BEC 1210	✓	✓

1" FIPT or 3/4" FIPT Outlet -
Consult the factory.
Other sizes available upon request.

BLACK STEEL WELD TEE



Part #	Part Weight	Part Size	14GA	12GA	10GA
SWT 300	2.80 lbs	3"	✓	—	—
SWT 400	4.65 lbs	4"	✓	✓	✓
SWT 500	6.50 lbs	5"	✓	✓	✓
SWT 600	8.60 lbs	6"	✓	✓	✓
SWT 700	15.25 lbs	7"	✓	—	—
SWT 800	18.20 lbs	8"	—	✓	✓
SWT 1000	27.75 lbs	10"	—	✓	✓
SWT 1200	37.50 lbs	12"	—	✓	✓



Used to adapt and fabricate steel components to Victaulic style groove fittings.

BLACK STEEL GROOVE WELD NIPPLES

Part #	Part Weight	Part Size
GRVNA 400	1.75 lbs	4"
GRVNA 600	2.75 lbs	6"
GRVNA 800	4.25 lbs	8"
GRVNA 1000	6.50 lbs	10"
GRVNA 1200	8.50 lbs	12"

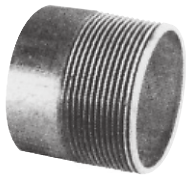


STEEL CME ADAPTERS

Used to adapt and fabricate steel components to CertainTeed Certa-Lok and Yellowmine Pipe. Available in 4" through 12" sizes in black steel as well as hot dip galvanized. Special fabrication requests welcomed - consult factory for pricing.

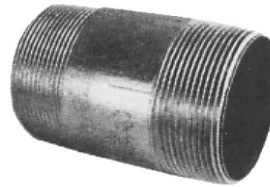


STEEL FABRICATION



Part #	Part Size
--------	-----------

SNA 075	0.75"
SNA 100	1."
SNA 125	1.25"
SNA 150	1.5"
SNA 200	2"
SNA 250	2.5"
SNA 300	3"
SNA 400	4"
SNA 500	5"
SNA 600	6"
SNA 800	8"
SNA 1000	10"



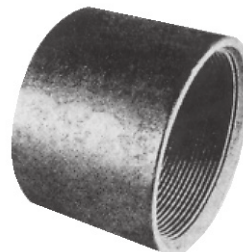
Part #

SFN 075
SFN 100
SFN 125
SFN 150
SFN 200
SFN 250
SFN 300
SFN 400
SFN 500
SFN 600
SFN 800



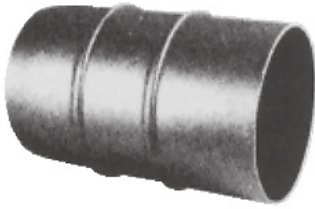
Part #	Part Size
--------	-----------

SHC 075	.75"
SHC 100	1.00"
SHC 125	1.25"
SHC 150	1.50"
SHC 200	2.00"
SHC 250	2.50"
SHC 300	3.00"
SHC 400	4.00"
SHC 500	5.00"
SHC 600	6.00"
SHC 800	8.00"



Part #

SFC 075
SFC 100
SFC 125
SFC 150
SFC 200
SFC 250
SFC 300
SFC 400
SFC 500
SFC 600
SFC 800



2 bead standard & 3 bead available - consult factory.

HOSE BEADS

Part #	Part Size
HOSE BEAD 2	2"
HOSE BEAD 3	3"
HOSE BEAD 4	4"
HOSE BEAD 4 1/2	4 1/2"
HOSE BEAD 5	5"
HOSE BEAD 6	6"
HOSE BEAD 8	8"
HOSE BEAD 10	10"
HOSE BEAD 12	12"



WELDING DISCS

Part #	Part Size
WD 2	2"
WD 3	3"
WD 4	4"
WD 5	5"
WD 6	6"
WD 7	7"
WD 8	8"
WD 10	10"
WD 12	12"

Small



WESTERN STYLE HOOK BOSS

Small	Large
✓	✓

Large



HOOK BRACKET - SMALL

STD
✓

Small



PIERCE STYLE HOOK BOSS

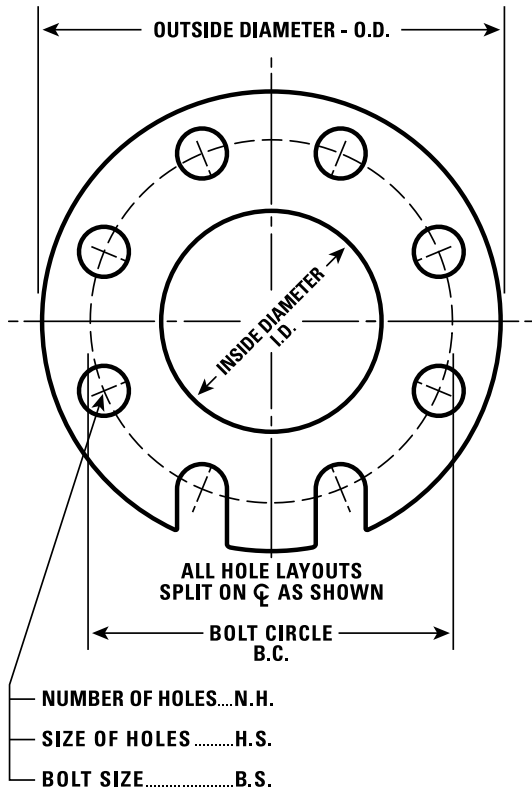
Small	"EZ"
✓	✓

"EZ"
Very short



HOOK BRACKET - LARGE

STD
✓



FLANGE DIMENSIONS TABLE - O.D. TUBE SIZE SHOWN

Pipe Size	O.D.	I.D.	B.C.	N.H.	H.S.	B.S.
2"	6"	2"	4 ³ / ₄ "	4	3 ³ / ₄ "	5 ⁵ / ₈ "
3"	7 1 ¹ / ₂ "	3"	6"	4	3 ³ / ₄ "	5 ⁵ / ₈ "
4"	9"	4"	7 1 ¹ / ₂ "	8	3 ³ / ₄ "	5 ⁵ / ₈ "
5"	10"	5"	8 1 ¹ / ₂ "	8	7 ⁷ / ₈ "	3 ³ / ₄ "
6"	11"	6"	9 1 ¹ / ₂ "	8	7 ⁷ / ₈ "	3 ³ / ₄ "
8"	13 1 ¹ / ₂ "	8"	11 3 ³ / ₄ "	8	7 ⁷ / ₈ "	3 ³ / ₄ "
10"	16"	10"	14 1 ¹ / ₄ "	12	1"	7 ⁷ / ₈ "
12"	19"	12"	17"	12	1"	7 ⁷ / ₈ "
14"	21"	14"	18 3 ³ / ₄ "	12	1 1 ¹ / ₈ "	1"
16"	23 1 ¹ / ₂ "	16"	21 1 ¹ / ₄ "	16	1 1 ¹ / ₈ "	1"
18"	25"	18"	22 3 ³ / ₄ "	16	1 1 ¹ / ₄ "	1 1 ¹ / ₈ "

STEEL WELD ON COMPANION FLANGES O.D. TUBING CENTER HOLE SIZE

Part #	Part Weight	Part Size
CPF 2	4.00 lbs	2"
CPF 3	5.00 lbs	3"
CPF 4	6.75 lbs	4"
CPF 5	7.25 lbs	5"
CPF 6	9.25 lbs	6"
CPF 8	12.50 lbs	8"
CPF 10	17.00 lbs	10"
CPF 12	24.25 lbs	12"
CPF 14	26.50 lbs	14"
CPF 16	31.50 lbs	16"
CPF 18	40.00 lbs	18"

STEEL WELD ON COMPANION FLANGES IPS PIPE CENTER HOLE SIZE

Part #	Part Weight	Part Size
IPS CPF 2	4.00 lbs	2" IPS
IPS CPF 3	5.00 lbs	3" IPS
IPS CPF 4	6.75 lbs	4" IPS
IPS CPF 5	7.25 lbs	5" IPS
IPS CPF 6	9.25 lbs	6" IPS
IPS CPF 8	12.50 lbs	8" IPS
IPS CPF 10	17.00 lbs	10" IPS
IPS CPF 12	24.25 lbs	12" IPS

Other sizes available upon request.

COMPANION FLANGE GASKETS

FLANGE FULL FACED GASKETS - WITH HOLES



Part #

CPF 3GF

CPF 4GF

CPF 5GF

CPF 6GF

CPF 8GF

CPF 10GF

CPF 12GF

CPF 14GF

FLANGE RING GASKETS - NO HOLES



Part #

CPF 3GR

CPF 4GR

CPF 5GR

CPF 6GR

CPF 8GR

CPF 10GR

CPF 12GR



COUPLER PANS

Part # Part Size

CP 2 2"

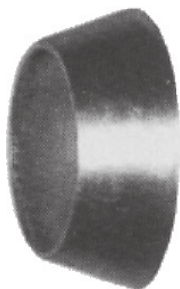
CP 3 3"

CP 4 4"

CP 5 5"

CP 6 6"

ALUMINUM FABRICATION



Heavy-duty cast aluminum construction (for fabrication).

CONCENTRIC WELDING CONES - ALUMINUM

Part #	Part Weight	Part Size
WC 203	1.00 lbs	2" x 3"
WC 204	1.60 lbs	2" x 4"
WC 304	1.50 lbs	3" x 4"
WC 406	1.75 lbs	4" x 6"
WC 608	2.25 lbs	6" x 8"
WC 8010	4.00 lbs	8" x 10"
WC 1012	4.50 lbs	10" x 12"
DC 1004	1.25 lbs	1" x 4"
DC 1006	2.00 lbs	1 1/4" x 6"
4401	2.25 lbs	2" x 8"
AWC 210	2.50 lbs	2" x 10"

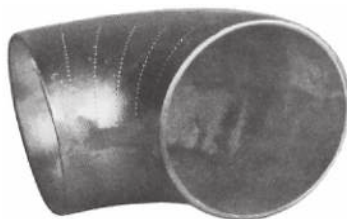
2" x 8" & 2" x 10" is (Stepped Style)



(For fabrication) — aluminum.

CAST ECCENTRIC CONE

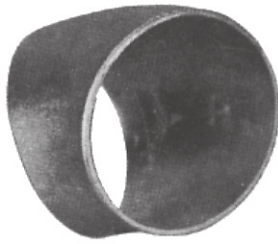
Part #	Part Weight	Part Size
ESA 1503	1.25 lbs	1 1/2" x 3"
ESA 1504	2.00 lbs	1 1/2" x 4"
ESA 1505	2.75 lbs	1 1/2" x 5"
ESA 2506	3.25 lbs	2 1/2" x 6"
ESA 3008	5.25 lbs	3" x 8"



Heavy-duty cast aluminum construction (for fabrication).

ALUMINUM 90 DEGREE WELDING ELBOW

Part #	Part Weight	Part Size
WE 9 3	1.50 lbs	3"
WE 9 4	1.74 lbs	4"
WE 9 5	2.25 lbs	5"
WE 9 6	4.00 lbs	6"
WE 9 8	6.00 lbs	8"
WE 9 10	9.50 lbs	10"
WE 9 12	11.00 lbs	12"



Heavy-duty cast aluminum construction (for fabrication).

ALUMINUM 45 DEGREE WELDING ELBOW

Part #	Part Weight	Part Size
WE 4 3	1.00 lbs	3"
WE 4 4	1.00 lbs	4"
WE 4 5	1.50 lbs	5"
WE 4 6	2.00 lbs	6"
WE 4 8	3.50 lbs	8"
WE 4 10	4.75 lbs	10"
WE 4 12	5.50 lbs	12"



Heavy-duty cast aluminum pump flange. ID dimensions cast to accept aluminum tubing. Standard bolt circle.

WELD ON ALUMINUM FLANGE

Part #	Part Weight	Part Size
APF 200	2.00 lbs	2"
APF 300	3.00 lbs	3"
APF 400	4.00 lbs	4"
APF 500	5.00 lbs	5"
APF 600	6.00 lbs	6"
APF 800	7.75 lbs	8"
APF 1000	12.00 lbs	10"
APF 1200	17.00 lbs	12"
APF 1400	20.00 lbs	14"

COMPANION FLANGE GASKETS

FLANGE FULL FACED GASKETS - WITH HOLES



Part

CPF 3 GF

CPF 4 GF

CPF 5 GF

CPF 6 GF

CPF 8 GF

CPF 10 GF

CPF 12 GF

CPF 14 GF



FLANGE RING GASKETS - NO HOLES

Part

CPF 3 GR

CPF 4 GR

CPF 5 GR

CPF 6 GR

CPF 8 GR

CPF 10 GR

CPF 12 GR

ALUMINUM FABRICATION



ALUMINUM WELDING TEES

Part #	Part Weight	Part Size
WT 333	1.50 lbs	3" x 3" x 3"
WT 444	2.00 lbs	4" x 4" x 4"
WT 555	2.50 lbs	5" x 5" x 5"
WT 666	3.00 lbs	6" x 6" x 6"
WT 888	5.75 lbs	8" x 8" x 8"
WT 101010	8.00 lbs	10" x 10" x 10"

Heavy-duty cast aluminum construction (for fabrication).



WELD ON END PLUG COVERS

Part #	Part Weight	Part Size
WEPC 600	1.50 lbs	6"
WEPC 800	2.50 lbs	8"
WEPC 1000	3.25 lbs	10"

Aluminum end plug cover fits coupler weld socket for fabricating end plugs.



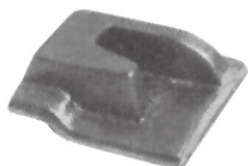
DEPC 800
Top View

DEPC 1000
Bottom View

DOMED END PLUG COVERS

Part #	Part Weight	Part Size
DEPC 800	2.00 lbs	8"
DEPC 1000	3.75 lbs	10"

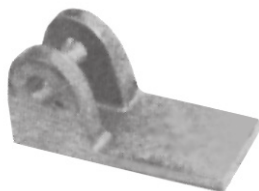
Aluminum end plug cover to be welded inside tubing.



WELD ON LATCH POCKET

Part #	Part Weight	Part Size
WLP 34	0.20 lbs	3" & 4"
WLP 56	0.25 lbs	5" & 6"

Welds to aluminum tubing to accept steel latch. Other styles available.



WELD ON HOOK BRACKET

Part #	Part Weight
WHB	0.30 lbs

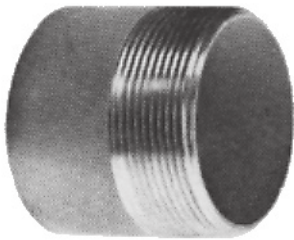
Welds to aluminum tubing to accommodate steel latch.



WELD ON BAND & LATCH/RINGLOCK MALE END

Part #	Part Weight	Part Size
RFEO 500 ME	2.50 lbs	5"
RFEO 600 ME	3.25 lbs	6"

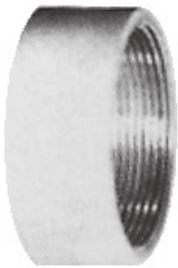
*Used for fabrication of elbows, tees, and other fittings.
Slotted flange allows Ringlock or band and latch connections.*



ALUMINUM HALF NIPPLES

Part #	Part Weight	Part Size
NA 050	0.25 lbs	1/2"
NA 075	0.25 lbs	3/4"
NA 100	0.25 lbs	1"
NA 125	0.50 lbs	1 1/4"
NA 150	0.75 lbs	1 1/2"
NA 200	1.00 lbs	2"
NA 250	1.25 lbs	2 1/2"
NA 300	1.50 lbs	3"
NA 400	1.75 lbs	4"
NA 500	2.00 lbs	5"
NA 600	2.25 lbs	6"
NA 800	3.00 lbs	8"
NA 1000	4.20 lbs	10"

Full nipples available - consult the factory.



ALUMINUM HALF COUPLERS

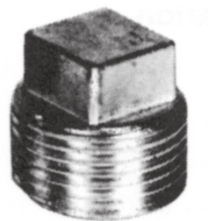
Part #	Part Weight	Part Size
HC 050	0.25 lbs	1/2"
HC 075	0.25 lbs	3/4"
HC 100	0.50 lbs	1"
HC 125	0.75 lbs	1 1/4"
HC 150	1.00 lbs	1 1/2"
HC 200	1.00 lbs	2"
HC 250	1.00 lbs	2 1/2"
HC 300	1.40 lbs	3"
HC 400	1.50 lbs	4"
HC 500	1.50 lbs	5"
HC 600	1.60 lbs	6"
HC 800	2.40 lbs	8"
HC 1000	8.00 lbs	10"

*Threaded aluminum half couplers with female pipe threads.
Full couplers available - consult the factory.*

ALUMINUM FABRICATION

ZAMAC PIPE FITTINGS

PIPE PLUGS



Part #	Part Weight (per 100)	Part Size
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11500-2	7.40 lbs	$\frac{3}{4}$ "
11500-3	12.40 lbs	1"

BELL REDUCERS



Part #	Part Weight (per 100)	Part Size
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11501-1	17.40 lbs	$\frac{3}{4}$ " x $\frac{1}{2}$ "
11501-2	22.00 lbs	1" x $\frac{1}{2}$ "
11501-3	21.20 lbs	1" x $\frac{3}{4}$ "

BUSHINGS



Part #	Part Weight (per 100)	Part Size
--------	-----------------------	-----------

11502-1	10.00 lbs	$\frac{3}{4}$ " x $\frac{1}{2}$ "
11502-2	21.60 lbs	1" x $\frac{1}{2}$ "
11502-3	14.60 lbs	1" x $\frac{3}{4}$ "

COUPLINGS



Part #	Part Weight (per 100)	Part Size
--------	-----------------------	-----------

11503-1	11.00 lbs	$\frac{1}{2}$ "
11503-2	23.10 lbs	$\frac{3}{4}$ "
11503-4	21.40 lbs	1"

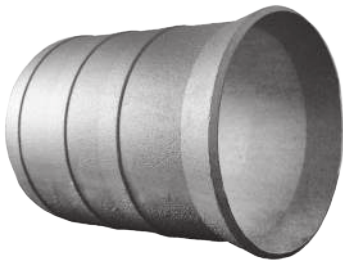
THREADED ALUMINUM SADDLE COUPLING



Part #	Part Size
--------	-----------

SC 075	$\frac{3}{4}$ " FIPT outlet
SC 100	1" FIPT outlet

*Threaded saddle welds to tubing for sprinkler outlet.
Weld side coped for tubing.*



6" unit flares out to 6 5/8" on weld end, can be cut off to get 6".

4" and 10" are king nipple style.



Rolled Aluminum Raised Bead for Low Pressure ONLY in Larger Sizes.

CAST AND ROLLED ALUMINUM HOSE BEADS

Used to adapt hose to various aluminum components.

CAST ALUMINUM - 3 BEAD

Part #	Part Weight	Part Size
CAHB 4	1.50 lbs	4"
CAHB 5	2.00 lbs	5"
CAHB 6	2.60 lbs	6"
CAHB 8	4.10 lbs	8"
CAHB 10	6.00 lbs	10"

ROLLED ALUMINUM FROM HEAVY WALL TUBING- 2 BEAD

Part #	Part Weight	Part Size
RAHB 2 *	0.25 lbs	2"
RAHB 3	0.50 lbs	3"
RAHB 4	0.80 lbs	4"
RAHB 5	1.10 lbs	5"
RAHB 6	1.40 lbs	6"
RAHB 7	1.50 lbs	7"
RAHB 8	2.25 lbs	8"
RAHB 10	2.50 lbs	10"
RAHB 12	3.25 lbs	12"

* Welded bead.

ALUMINUM FABRICATION



Welds to aluminum coupler
to stabilize main line.

ALUMINUM WELD FOOT

Part #	Part Weight	Part Size
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AWF 500	0.50 lbs	5"
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AWF 600	0.50 lbs	6"
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AWF 800	0.50 lbs	8"
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AWF 1000	0.50 lbs	10"
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Part number AVFL 600



Part number AVFL R 608

CAST ALUMINUM VACUUM FLANGE FITTINGS

Part #	Part Weight	Part Size
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AVFL 600	1.65 lbs	6"
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AVFL 800	2.00 lbs	8"
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AVFL R 608	—	6" x 8"
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Radius outside edge for strength.

Internal weld socket.

Tubing assemblies available – consult the factory.



Part number AVFLC 600



Part number AVFLC 800

VACUUM FLANGE V CLAMPS

Part #	Part Weight	Part Size
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AVFLC 600	3.25 lbs	6"
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AVFLC 800	3.5 lbs	8"
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Handle hugs the clamp when drawn together, helping to prevent unexpected clamp openings.



ALUMINUM CME ADAPTERS

Used to adapt and fabricate aluminum components to CertainTeed Certa Lok and Yellowmine Pipe. Available in 4" through 12" sizes. Special fabrication requests welcomed – consult the factory for pricing.



VICTAULIC STYLE ALUMINUM GROOVE FITTINGS

Part #	Part Weight	Part Size
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TR-VIC 400	1.50 lbs	4"
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TR-VIC 600	2.00 lbs	6"
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TR-VIC 800	2.50 lbs	8"
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TR-VIC 1000	3.00 lbs	10"
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TR-VIC 1200	4.50 lbs	12"
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ALUMINUM WELD DISCS



Part #	Part Size
AWD 2	2"
AWD 3	3"
AWD 4	4"
AWD 5	5"
AWD 6	6"
AWD 7	7"
AWD 8	8"
AWD 10	10"
AWD 12	12"



ALUMINUM COUPLER PANS

Part #	Part Size
ACP-2	2"
ACP-3	3"

ALUMINUM FABRICATION

STAMPED ALUMINUM WELD ON TUBING ADAPTERS

Used to adapt and fabricate various 4" components to aluminum tubing.



Part #	Part Weight	Part Size
SVA 542	0.50 lbs	5"
SVA 642	0.50 lbs	6"
SVA 742	0.50 lbs	7"
SVA 842	0.50 lbs	8"
SVA 1042	0.50 lbs	10"

CAST ALUMINUM WELD ON TUBING ADAPTERS

Used to adapt and fabricate various components to aluminum tubing.

Many sizes available, example: #WAD 608 used to adapt 6" components to 8" tube. Manufacturing style varies by size.



Part #	Part Weight	Part Size
WAD 303	0.375 lbs	3" x 3"
WAD 304	0.375 lbs	3" x 4"
WAD 305	0.375 lbs	3" x 5"
WAD 306	0.375 lbs	3" x 6"
WAD 404	0.50 lbs	4" x 4"
WAD 405	0.50 lbs	4" x 5"
WAD 406	0.50 lbs	4" x 6"
WAD 408	0.50 lbs	4" x 8"
WAD 410	0.50 lbs	4" x 10"
WAD 505	0.75 lbs	5" x 5"
WAD 506	0.75 lbs	5" x 6"
WAD 507	0.75 lbs	5" x 7"
WAD 508	0.75 lbs	5" x 8"
WAD 510	0.75 lbs	5" x 10"
WAD 606	0.50 lbs	6" x 6"
WAD 608	1.00 lbs	6" x 8"
WAD 610	1.00 lbs	6" x 10"
WAD 808	1.00 lbs	8" x 8"
WAD 1010	1.00 lbs	10" x 10"

INDUSTRIAL FITTINGS

Flange / Thread / Groove / Hose



FLANGE X FLANGE 45 DEGREE ELBOWS -GALVANIZED

Part #	Part Weight	Part Size
SGFE 400 45	18.50 lbs	4"
SGFE 500 45	21.50 lbs	5"
SGFE 600 45	27.50 lbs	6"
SGFE 800 45	36.00 lbs	8"
SGFE 1000 45	47.00 lbs	10"
SGFE 1200 45	63.50 lbs	12"



FLANGE X FLANGE 90 DEGREE ELBOWS -GALVANIZED

Part #	Part Weight	Part Size
SGFE 400	19.50 lbs	4"
SGFE 500	22.50 lbs	5"
SGFE 600	28.50 lbs	6"
SGFE 800	37.00 lbs	8"
SGFE 1000	49.00 lbs	10"
SGFE 1200	67.50 lbs	12"



FLANGED TEE-GALVANIZED

Part #	Part Weight	Part Size
SGFT 444	24.90 lbs	4"
SGFT 555	28.25 lbs	5"
SGFT 666	36.35 lbs	6"
SGFT 888	55.70 lbs	8"
SGFT 101010	78.75 lbs	10"
SGFT 121212	110.25 lbs	12"

OTHER SIZES & CUSTOM FABRICATIONS WELCOMED - CONTACT FACTORY



FLANGED CROSS-GALVANIZED



Part #	Part Weight	Part Size
SGC FLG 4444	39.00 lbs	4"
SGC FLG 5555	44.00 lbs	5"
SGC FLG 6666	55.00 lbs	6"
SGC FLG 8888	74.00 lbs	8"
SGC FLG 10101010	98.00 lbs	10"
SGC FLG 12121212	130.00 lbs	12"

FLANGED SPOOLS 12" LONG-GALVANIZED



Part #	Part Weight	Part Size
SGSFL 412	16.65 lbs	4"
SGSFL 512	20.90 lbs	5"
SGSFL 612	26.25 lbs	6"
SGSFL 812	31.50 lbs	8"
SGSFL 1012	48.00 lbs	10"
SGSFL 1212	58.00 lbs	12"

Custom lengths, manifolds and outlets available - consult the factory.

FLANGE X HOSE BEAD 45 DEGREE ELBOWS -GALVANIZED



Part #	Part Weight	Part Size (Flange)	Part Size (Hose Bead)
SFLGHB 404 45	10.05 lbs	4"	4"
SFLGHB 505 45	12.25 lbs	5"	5"
SFLGHB 606 45	17.70 lbs	6"	6"
SFLGHB 808 45	24.00 lbs	8"	8"
SFLGHB 1010 45	32.30 lbs	10"	10"
SFLGHB 1212 45	43.25 lbs	12"	12"

OTHER SIZES & CUSTOM FABRICATIONS WELCOMED - CONTACT FACTORY

INDUSTRIAL FITTINGS

Flange / Thread / Groove / Hose

FLANGE X HOSE BEAD ADAPTER-GALVANIZED



Part #	Part Weight	Part Size (Flange)	Part Size (Hose Bead)
SFLGHB 403	8.40 lbs	4"	3"
SFLGHB 404	9.15 lbs	4"	4"
SFLGHB 405	9.70 lbs	4"	5"
SFLGHB 406	10.60 lbs	4"	6"
SFLGHB 408	13.25 lbs	4"	8"
SFLGHB 503	8.90 lbs	5"	3"
SFLGHB 504	9.65 lbs	5"	4"
SFLGHB 505	10.20 lbs	5"	5"
SFLGHB 506	11.10 lbs	5"	6"
SFLGHB 508	13.75 lbs	5"	8"
SFLGHB 603	10.90 lbs	6"	3"
SFLGHB 604	11.65 lbs	6"	4"
SFLGHB 606	13.10 lbs	6"	6"
SFLGHB 608	15.75 lbs	6"	8"
SFLGHB 803	14.15 lbs	8"	3"
SFLGHB 804	14.90 lbs	8"	4"
SFLGHB 806	16.35 lbs	8"	6"
SFLGHB 808	19.00 lbs	8"	8"
SFLGHB 1004	19.40 lbs	10"	4"
SFLGHB 1006	20.85 lbs	10"	6"
SFLGHB 1008	23.50 lbs	10"	8"
SFLGHB 1010	25.20 lbs	10"	10"
SFLGHB 1206	28.10 lbs	12"	6"
SFLGHB 1208	30.75 lbs	12"	8"
SFLGHB 1210	32.45 lbs	12"	10"
SFLGHB 1212	34.15 lbs	12"	12"

OTHER SIZES & CUSTOM FABRICATIONS WELCOMED - CONTACT FACTORY



FLANGE X FLANGE CONCENTRIC REDUCER - GALVANIZED



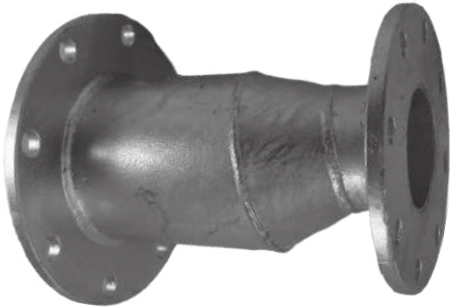
Part #	Part Weight	Part Size (Flange)	Part Size (Flange)
SGFFR 403	13.10 lbs	4"	3"
SGFFR 503	13.45 lbs	5"	3"
SGFFR 504	16.45 lbs	5"	4"
SGFFR 603	15.95 lbs	6"	3"
SGFFR 604	17.45 lbs	6"	4"
SGFFR 605	19.45 lbs	6"	5"
SGFFR 804	23.50 lbs	8"	4"
SGFFR 805	25.20 lbs	8"	5"
SGFFR 806	24.45 lbs	8"	6"
SGFFR 1005	32.15 lbs	10"	5"
SGFFR 1006	32.85 lbs	10"	6"
SGFFR 1008	33.50 lbs	10"	8"
SGFFR 1206	45.00 lbs	12"	6"
SGFFR 1208	45.60 lbs	12"	8"
SGFFR 1210	46.15 lbs	12"	10"

OTHER SIZES & CUSTOM FABRICATIONS WELCOMED - CONTACT FACTORY

INDUSTRIAL FITTINGS

Flange / Thread / Groove / Hose

FLANGE X FLANGE ECCENTRIC REDUCER - GALVANIZED



Outlets available -- consult
the factory.

Part #	Part Weight	Part Size (Flange)	Part Size (Flange)
SGFFER 403	13.09 lbs	4"	3"
SGFFER 503	15.50 lbs	5"	3"
SGFFER 504	16.85 lbs	5"	4"
SGFFER 603	19.65 lbs	6"	3"
SGFFER 604	21.10 lbs	6"	4"
SGFFER 605	21.30 lbs	6"	5"
SGFFER 804	29.45 lbs	8"	4"
SGFFER 805	29.80 lbs	8"	5"
SGFFER 806	31.20 lbs	8"	6"
SGFFER 1005	40.95 lbs	10"	5"
SGFFER 1006	42.40 lbs	10"	6"
SGFFER 1008	44.60 lbs	10"	8"
SGFFER 1206	57.80 lbs	12"	6"
SGFFER 1208	60.00 lbs	12"	8"
SGFFER 1210	63.15 lbs	12"	10"

OTHER SIZES & CUSTOM FABRICATIONS WELCOMED - CONTACT FACTORY

Product of Travis Pattern & Foundry Inc., Spokane, Washington

June 2026 • Phone: 509.466.3545 • Fax: 509.467.6465



MALE IRON PIPE THREAD X FLANGE ADAPTER - GALVANIZED



Part #	Part Weight	Part Size (MIPT)	Part Size (Flange)
SDA FLG 204	7.20 lbs	2"	4"
SDA FLG 304	7.60 lbs	3"	4"
SDA FLG 404	8.85 lbs	4"	4"
SDA FLG 406	11.35 lbs	4"	6"
SDA FLG 506	12.10 lbs	5"	6"
SDA FLG 606	13.00 lbs	6"	6"
SDA FLG 608	16.25 lbs	6"	8"
SDA FLG 808	20.15 lbs	8"	8"
SDA FLG 810	24.65 lbs	8"	10"

Other sizes available - consult the factory.

Aluminum available - consult the factory.

FEMALE IRON PIPE THREAD X FLANGE ADAPTER - GALVANIZED



Part #	Part Weight	Part Size (MIPT)	Part Size (Flange)
SDA FLGF 204	7.25 lbs	2"	4"
SDA FLGF 304	8.35 lbs	3"	4"
SDA FLGF 404	9.00 lbs	4"	4"
SDA FLGF 306	10.85 lbs	3"	6"
SDA FLGF 406	11.50 lbs	4"	6"
SDA FLGF 506	13.25 lbs	5"	6"
SDA FLGF 606	14.75 lbs	6"	6"
SDA FLGF 408	14.75 lbs	4"	8"
SDA FLGF 608	18.00 lbs	6"	8"
SDA FLGF 808	24.15 lbs	8"	8"
SDA FLGF 810	28.65 lbs	8"	10"

OTHER SIZES & CUSTOM FABRICATIONS WELCOMED - CONTACT FACTORY

INDUSTRIAL FITTINGS

Flange / Thread / Groove / Hose



STEEL GROOVE 45 DEGREE ELBOWS - GALVANIZED

Part #	Part Weight	Part Size
SGRFE 400 45	5.20 lbs	4"
SGRFE 600 45	13.90 lbs	6"
SGRFE 800 45	18.90 lbs	8"
SGRFE 1000 45	27.15 lbs	10"
SGRFE 1200 45	29.40 lbs	12"



STEEL GROOVE 90 DEGREE ELBOWS - GALVANIZED

Part #	Part Weight	Part Size
SGRFE 400	6.05 lbs	4"
SGRFE 600	16.40 lbs	6"
SGRFE 800	23.90 lbs	8"
SGRFE 1000	34.05 lbs	10"
SGRFE 1200	39.20 lbs	12"



STEEL GROOVE TEE - GALVANIZED

Part #	Part Weight	Part Size
SGRFT 444	11.10 lbs	4"
SGRFT 666	21.40 lbs	6"
SGRFT 888	38.90 lbs	8"
SGRFT 101010	58.05 lbs	10"
SGRFT 121212	66.90 lbs	12"

OTHER SIZES & CUSTOM FABRICATIONS WELCOMED - CONTACT FACTORY



GROOVE END PLUG-GALVANIZED



Part #	Part Weight	Part Size
SGREP 400	2.70 lbs	4"
SGREP 600	5.95 lbs	6"
SGREP 800	9.00 lbs	8"
SGREP 1000	12.60 lbs	10"
SGREP 1200	13.80 lbs	12"

GROOVE X HOSE BEAD ADAPTER-GALVANIZED



Part #	Part Weight	Part Size
SGRHB 404	4.55 lbs	4"
SGRHB 606	8.00 lbs	6"
SGRHB 808	13.25 lbs	8"
SGRHB 1010	15.00 lbs	10"
SGRHB 1212	18.90 lbs	12"

GROOVE X MALE IRON PIPE THREAD-GALVANIZED



Part #	Part Weight	Part Size (Groove)	Part Size (MIPT)
SGRMPT 404	4.25 lbs	4"	4"
SGRMPT 606	7.90 lbs	6"	6"
SGRMPT 808	14.55 lbs	8"	8"
SGRMPT 810	17.75 lbs	10"	8"
SGRMPT 812	18.75 lbs	12"	8"

OTHER SIZES & CUSTOM FABRICATIONS WELCOMED - CONTACT FACTORY

INDUSTRIAL FITTINGS

Flange / Thread / Groove / Hose



GROOVE X FEMALE IRON PIPE THREAD-GALVANIZED

Part #	Part Weight	Part Size (Groove)	Part Size (FIPT)
SGRFPT 404	4.40 lbs	4"	4"
SGRFPT 606	9.65 lbs	6"	6"
SGRFPT 808	18.55 lbs	8"	8"
SGRFPT 810	21.45 lbs	10"	8"
SGRFPT 812	21.75 lbs	12"	8"



FLANGE X GROOVE ADAPTER-GALVANIZED

Part #	Part Weight	Part Size (Flange)	Part Size (Groove)
SGFLGR 404	8.90 lbs	4"	4"
SGFLGR 606	13.40 lbs	6"	6"
SGFLGR 808	16.15 lbs	8"	8"
SGFLGR 1010	26.80 lbs	10"	10"
SGFLGR 1212	34.05 lbs	12"	12"

OTHER SIZES & CUSTOM FABRICATIONS WELCOMED - CONTACT FACTORY



ALUMINUM GROOVE FITTINGS

Part #	Part Weight	Part Size
TR-VIC 400	2.00 lbs	4"
TR-VIC 600	2.00 lbs	6"
TR-VIC 800	2.50 lbs	8"
TR-VIC 1000	3.00 lbs	10"
TR-VIC 1200	4.50 lbs	12"



ALUMINUM GROOVE 90 DEGREE ELBOWS

Part #	Part Weight	Part Size
TR-VIC-FE 600	12.00 lbs	6"
TR-VIC-FE 800	15.00 lbs	8"
TR-VIC-FE1000	20.00 lbs	10"
TR-VIC-FE1200	22.00 lbs	12"



ALUMINUM GROOVE 45 DEGREE ELBOWS

Part #	Part Weight	Part Size
TR-VICFE 6-45	10.00 lbs	6"
TR-VICFE 8-45	12.50 lbs	8"
TR-VICFE10-45	17.00 lbs	10"
TR-VICFE12-45	19.00 lbs	12"

22.5 and 11.25 degree elbows available for the same price as 45 degree.



ALUMINUM GROOVE TEES

Part #	Part Weight	Part Size
TR-VIC-FT 600	8.00 lbs	6"
TR-VIC-FT 800	10.00 lbs	8"
TR-VIC-FT1000	15.00 lbs	10"



ALUMINUM GROOVE REDUCERS

Part #	Part Weight	Part Size
TR-VIC-R 68	10.00 lbs	6" x 8"
TR-VIC-R 810	12.00 lbs	8" x 10"
TR-VIC-R 610	13.00 lbs	6" x 10"
TR-VIC-R 812	17.00 lbs	8" x 12"
TR-VIC-R 1012	14.50 lbs	10" x 12"

Custom fabricated fittings available. Please call factory for information.

INDUSTRIAL FITTINGS

Flange / Thread / Groove / Hose



Designed for minimal leakage applications under pressure and vacuum.

Male and female coupler halves are CNC machined to maintain correct.

O-ring compression requirements.

O-ring is contained in a machined cavity and cannot fall out.

Uses a standard Travis HPRLC clamp for fast connection O.D. tubing weld socket is provided allowing easy fabrication.

*These couplers **do not interchange** with other coupler designs.*

Manufacturing style varies by size.

Hose bead versions available.

COUPLER SET

Includes: male, female, clamp and O-ring

Part #	Part Weight	Part Size
ARL-VAC 6	4.25 lbs	6"
ARL-VAC 8	5.75 lbs	8"
HPRL 1000-ORG	11.25 lbs	10"

FEMALE COUPLERS

Includes: O-ring

Part #	Part Weight	Part Size
ARL-VAC 6F	.90 lbs	6"
ARL-VAC 8F	1.05 lbs	8"
HP F 1000-ORG	4.95 lbs	10"

MALE COUPLERS

Part #	Part Weight	Part Size
ARL-VAC 6M	1.25 lbs	6"
ARL-VAC 8M	2.00 lbs	8"
HP M 1000-ORG	2.85 lbs	10"

CLAMPS

Includes: male, female, clamp and O-ring

Part #	Part Weight	Part Size
HPRLC 600	4.25 lbs	6"
HPRLC 800	5.75 lbs	8"
HPRLC 1000	11.25 lbs	10"

O-RING SEALS

Includes: O-ring

Part #	Part Weight	Part Size
6-ORG	.10 lbs	6"
8-ORG	.15 lbs	8"
10-ORG	.25 lbs	10"

UNIVERSAL PARTS

AIR RELIEF VALVES



Part #	Part Weight	Part Size
AV 100 P	0.20 lbs	1"
AV 150	1.20 lbs	1½"
AV 200	1.70 lbs	2"
AV 300	3.20 lbs	3"
AV 400	6.65 lbs	4"

O-RING

Part #	Part Size
AV OR 150	1½"
AV OR 200*	2"
AV OR 300*	3"
AV OR 400	4"

* Early and late versions available.

BALL

Part #	Part Size
AV B 150	1½"
AV B 200	2"
AV B 300	3"
AV B 400	4"

RETAINER

Part #	Part Size
AV BR 150	1½"
AV BR 200	2"
AV BR 300	3"
AV BR 400	4"



CONTINUOUS ACTING AIR VACUUM RELIEF

Continuous acting air vents and vacuum relief valves allow large volumes of air to release as line is filled. The system continues to release entrapped air throughout operations, then allows air back in when the line is draining. Designed for line pressures up to 150 psi for 2" and 100 psi for 3" vents.

Part #	Part Weight	Part Size
--------	-------------	-----------

ARVC 200	6.00 lbs	2"
ARVC 300	9.70 lbs	3"
ARVC 400	10.65 lbs	4"

ARVC POPPET REPAIR KIT

Part #	Part Size
--------	-----------

ARVC 200 PRK	2"
ARVC 3-4 PRK	3" & 4"

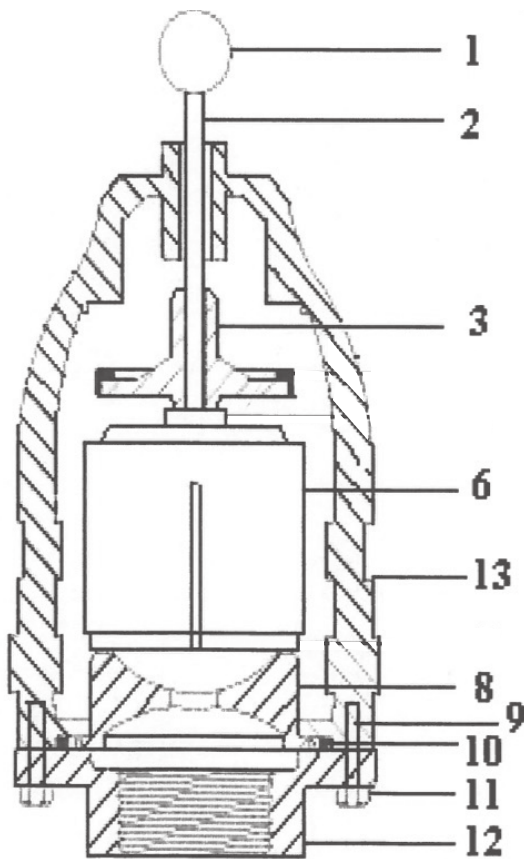
Parts not sold separately.

ARVC FLOAT REPAIR KIT

Part #	Part Size
--------	-----------

ARVC 200 Float	2"
ARVC 3-4 Float	3" & 4"

Parts not sold separately.

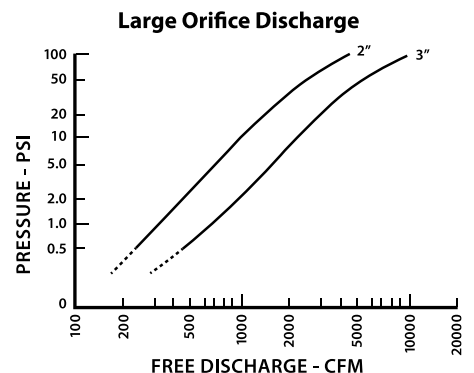
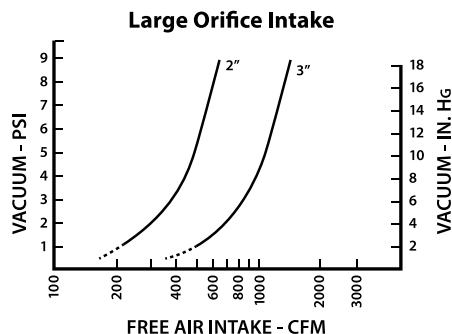
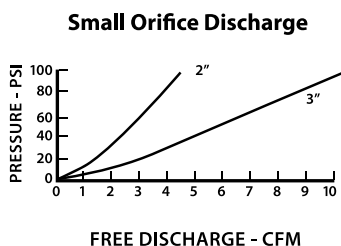


ARVC POPPET REPAIR KIT

Part #	Description	Quantity
1	Indicator Knob	1
2	Stem	1
3	Poppet	1
10	Gasket	1

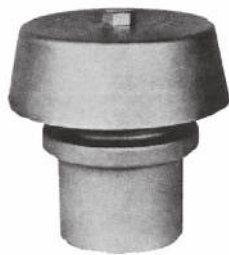
ARVC FLOAT REPAIR KIT

Part #	Description	Quantity
1	Indicator Knob	1
2	Stem	1
6	Float	1
10	Gasket	1





SEP 41, SEP 43



SEP 4325SP

PRESSURE RELIEF VALVE

Part #	Part Weight	Part Size
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SEP 41	5.50 lbs	4" FPT
SEP 43*	6.00 lbs	4" FPT
SEP43 SP	7.00 lbs	4" FPT
SEP 4325	5.00 lbs	3" FPT
SEP 4325 SP	6.00 lbs	3" FPT

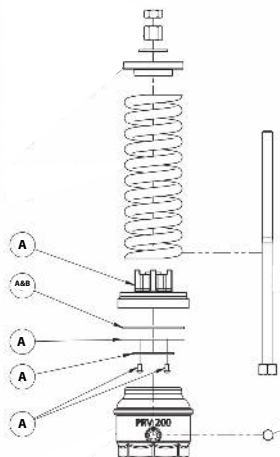
***SEP 43 & SEP 43 SP, settings 125 to 180 PSI.**

Preset at factory to release at 80 PSI. Contact the factory for higher or lower setting.

Splash pan (SP) optional.

Part #	Part Description
--------	------------------

203010	Red spring for SEP 41 & SEP 4325
203023	Black spring for SEP 43
202991	Fork assy. for SEP 41 & SEP 4325
202992	Fork assy. for SEP 43
202025	Black Bolt $\frac{5}{8}$ x 8 fits SEP 41, 43 & 4325



CAST ALUMINUM PRESSURE RELIEF VALVE

Part #	Part Weight	Part Size
--------	-------------	-----------

PRV 200	10.00 lbs	2"
PRV 300	10.750 lbs	3"

Adjustable from 30-125 P.S.I.. Large spring for consistent setting repetition. Gauge port and jam nut included. Standard factory setting is 80 P.S.I. and unsealed. Can be factory set at other pressures, stamped and sealed at an additional cost -- consult the factory.

PRESSURE RELIEF VALVE REPAIR KIT

Part #	Part Size
--------	-----------

PRV-REP KIT (A)	2" & 3"
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Parts not sold separately.

PRESSURE RELIEF VALVE COVER DISC

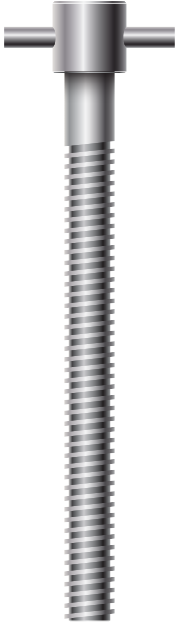
Part #	Part Size
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PRV COVER DISC (B)	2" & 3"
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Parts not sold separately.



VALVE STEMS 5/8" ACME THREAD



Part #	Part Size
Stem 6 ³ / ₄	5/8" x 6 ³ / ₄ zinc plated
Stem 6 ³ / ₄ BRS	5/8" x 6 ³ / ₄ brass
Stem 6 ³ / ₄ SS	5/8" x 6 ³ / ₄ stainless steel
Stem 9	5/8" x 9 zinc plated
Stem 9 BRASS	5/8" x 9 brass
Stem 9 SS	5/8" x 9 stainless steel
Stem 11	1 x 11 zinc plated

Stem 6³/₄ box quantity of 90.

Note: Use 9" stems to replace those 7.5" and longer. 11" stems are 1" in diameter and are for 8" valves.

Universal - for 3" x 4"

Universal Valves, fit most Pierce, Alumax, Irreco, Moore Rane Wade - Universal, Ames, Lake, Crown, Western and Travis-Rainway.

Quantity discounts available.

MISCELLANEOUS STEMS - MAY NOT RESEMBLE PHOTO

Part #	Part Size
2236-2	6 ³ / ₄ " x 8 pitch stainless steel
Redi Rain Hex Stem	— Stainless steel
VTC Stem	1/2"
RVTC Stem	3/4" brass

VALVE DISC DOMED STYLE



Part #	Part Size
Domed Disc 3 *	5/8" hole
Domed Disc 4 *	5/8" hole
Domed Disc 5 *	5/8" hole
Domed Disc 6 *	5/8" hole
Domed Disc 8 *	1" hole

*Fits most Pierce, Alumax, Irreco, Moore Rane Wade Universal, Ames, Lake, Crown, Western and Travis-Rainway Valves with 5/8" stem hole.



VALVE DISC FLAT STYLE

Part #	Part Size
--------	-----------

Disc Flat 3	1/2" hole
-------------	-----------

Disc Flat 3A	5/8" hole
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Disc Flat 3B	3/4" hole
--------------	-----------

Disc Flat 4	1/2" hole
-------------	-----------

Disc Flat 4A	5/8" hole
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Disc Flat 4B	3/4" hole
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Disc Flat 5	5/8" hole
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Disc Flat 5A	3/4" hole
--------------	-----------

Disc Flat 6	5/8" hole
-------------	-----------

Disc Flat 6A	3/4" hole
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SURE RAIN - OLD STYLE INWARD OPENING VALVE

Part #	Part Size
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SR Disc 405	—
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3/4" COUPLER STEEL SWAGED 1/2" FIPT RISERS

3/4" MIPT by 1/2" FIPT galvanized risers available in 12", 18", and 24" lengths.

Crate quantities: 12" 1,680, 18" 1,440, 24" 840
Consult factory for pricing, volume discounts available.



ALUMINUM HOOK STYLE RISERS

Used to adapt various riser heights to Webstermatic style quick-coupling riser valves. Available in 1/2" tubing size and riser lengths of 6" through 72". Sprinkler connection is ACME thread for a Nelson Wind Fighter or 1/2" MIPT. Consult factory for pricing.



PRESSURE GAUGE (AIR-FILLED)

Part #

PSI 100

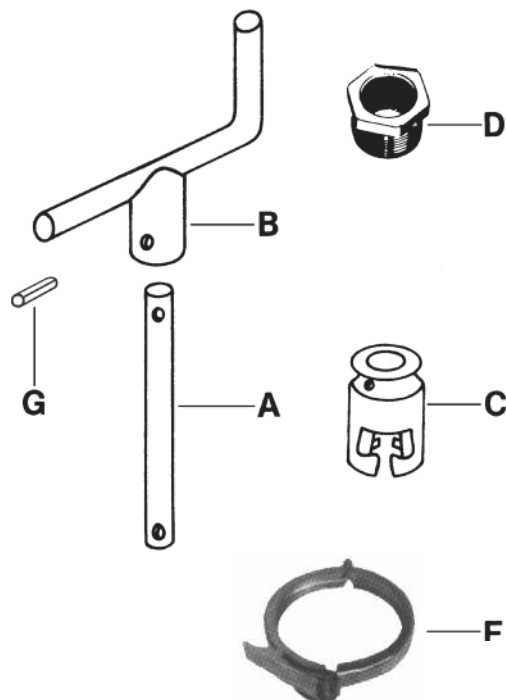
PSI 200



VALVE OPENER PARTS

Universal - Fits Travis/Rainway and most other Universal openers.

ALUMINUM OPENERS RAINWAY TYPE



Part #	3"	4"
A UVEO STEM ($\frac{5}{8}$ " , 9 $\frac{1}{4}$ " length)	✓	✓
B UVEO T CRANK ($\frac{5}{8}$ " aluminum)	✓	✓
UVEO CRANKS ($\frac{5}{8}$ " steel handle)	✓	✓
C UVEO YOKE (fits both $\frac{5}{8}$ " & $\frac{3}{4}$ " stems)	✓	✓
D UVEO GLANDNUT	✓	✓
UVEO PACKING	✓	✓
CHEVRON $\frac{5}{8}$ " (if packing not used)	✓	✓
F UVEO CLAMP 3" or 4"	✓	✓
G UVEO ROLL PIN (1 $\frac{1}{4}$ " for yoke)	✓	✓
H UVEO ROLL PINH (1 $\frac{1}{2}$ " for handle)	✓	✓

See A&M, Moore Rane sections for parts breakdown on A&M and Moore Rane valve openers.

Part #	3"	4"	5"	6"	8"
A SUVEO STEM 34 ($\frac{3}{4}$ " x 9 $\frac{1}{4}$ " length)	✓	✓	—	—	—
A SUVEO STEM 56 ($\frac{3}{4}$ " x 12" length)	—	—	✓	✓	—
B SUVEO T CRANK ($\frac{3}{4}$ " steel handle)	✓	✓	✓	✓	✓
C SUVEO YOKE (fits both $\frac{5}{8}$ " & $\frac{3}{4}$ " stems)	✓	✓	✓	✓	—
F SUVEO CLAMP 3",4",5",6" or 8"	✓	✓	✓	✓	✓
G SUVEO ROLL PIN (1" for handle)	✓	✓	✓	✓	✓
G UVEO ROLL PIN (1 $\frac{1}{4}$ " for yoke)	✓	✓	✓	✓	—
CHEVRON $\frac{3}{4}$ " (Gasket for stem)	✓	✓	✓	✓	✓
SUVEO STEM 9 (1 piece) $\frac{3}{4}$ " shaft 9" long socket assy.	✓	✓	—	—	—
SUVEO STEM 12 (1 piece) $\frac{3}{4}$ " shaft 12" long socket assy.	—	—	✓	✓	—
SUVEO STEM 15 (1 piece) $\frac{3}{4}$ " shaft 15" long socket assy.	—	—	—	—	✓

IMPORTANT NOTICE

Stems, discs, valve opener parts, flapper and mushroom drains, clamps, bands, etc. are interchangeable with most brands. Contact us for assistance in replacement parts. Many other manufacturer's gaskets available. Consult the factory.

ALUMINUM TUBING RISERS WITH ZAMAC FITTINGS

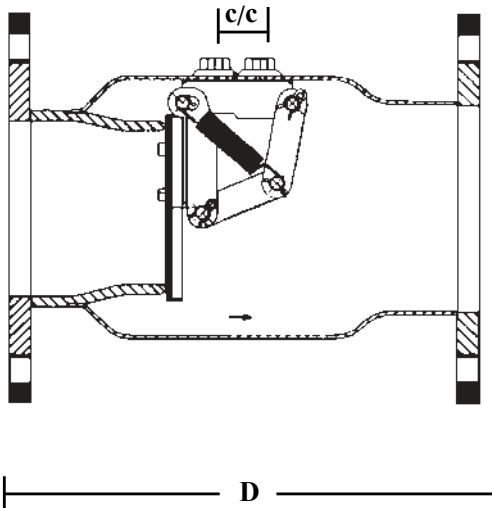
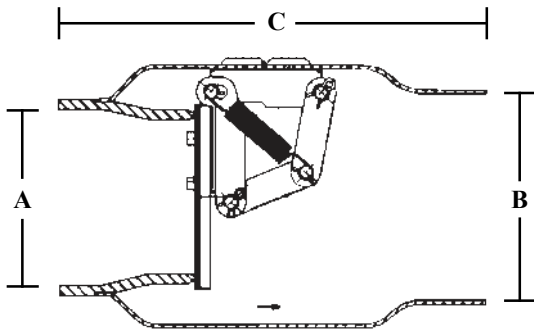


Part #	Part Weight	Part Size (Male x Female)	Riser Length	Carton Qty.
9-8-6A	0.50 lbs	1" x 3/4"	6"	100
9-8-12A	0.60 lbs	1" x 3/4"	12"	50
9-8-18A	0.70 lbs	1" x 3/4"	18"	50
9-8-24A	0.80 lbs	1" x 3/4"	24"	50
9-8-30A	0.92 lbs	1" x 3/4"	30"	50
9-8-36A	1.05 lbs	1" x 3/4"	36"	50
9-8-48A	1.30 lbs	1" x 3/4"	48"	50
9-8-60A	1.52 lbs	1" x 3/4"	60"	50
9-8-72A	1.65 lbs	1" x 3/4"	72"	50

STEEL TUBING RISERS WITH ZAMAC FITTINGS



Part #	Part Weight	Part Size (Male x Female)	Riser Length	Carton Qty.
9-4-6S	0.50 lbs	3/4" x 1/2"	6"	100
9-4-12S	0.70 lbs	3/4" x 1/2"	12"	75
9-4-18S	1.00 lbs	3/4" x 1/2"	18"	75
9-4-24S	1.20 lbs	3/4" x 1/2"	24"	75
9-6-6S	0.50 lbs	3/4" x 3/4"	6"	100
9-6-12S	0.70 lbs	3/4" x 3/4"	12"	75
9-6-18S	1.00 lbs	3/4" x 3/4"	18"	75
9-6-24S	1.20 lbs	3/4" x 3/4"	24"	75
9-8-6S	0.62 lbs	1" x 3/4"	6"	100
9-8-12S	0.88 lbs	1" x 3/4"	12"	50
9-8-18S	1.10 lbs	1" x 3/4"	18"	50
9-8-24S	1.40 lbs	1" x 3/4"	24"	50
9-8-30S	1.60 lbs	1" x 3/4"	30"	50
9-8-36S	1.90 lbs	1" x 3/4"	36"	50
9-8-48S	2.40 lbs	1" x 3/4"	48"	50
9-8-60S	2.90 lbs	1" x 3/4"	60"	50
9-8-72S	3.40 lbs	1" x 3/4"	72"	50



GALVANIZED CHECK VALVES

Part #	Part Size
CKVP 4	4"
CKVP 6	6"
CKVP 8	8"
CKVP 10	10"

Part #	Part Size
CKV FL 4	4"
CKV FL 6	6"
CKV FL 8	8"
CKV FL 10	10"

Available with ringlock ends also.
Call for information and options.

DIMENSIONS

A	B	C	D	C/C
4"	4.75"	10.25"	11.25"	2"
6"	6.75"	12.75"	13.75"	2.50"
8"	9.25"	15.00"	16.00"	3.50"
10"	11.50"	18.25"	19.25"	4.50"

REPLACEMENT PARTS

Part #	Description	Part Size
CKV L 4	Stainless steel linkage kit 4"	4"
CKV L 6	Stainless steel linkage kit 6"	6"
CKV L 8	Stainless steel linkage kit 8"	8"
CKV L 10	Stainless steel linkage kit 10"	10"
SS LINK BOLTS	$\frac{3}{8}$ " x 1" stainless steel bolts (2 required)	—
SS WASHER	$\frac{3}{8}$ " stainless steel washers (2 required)	—

BUTTERFLY LINE VALVE

RING LOCK

Part #	Part Weight	Part Size
SRLBV 400	11.00 lbs	4"
SRLBV 600	19.00 lbs	6"
SRLBV 800	29.00 lbs	8"
SRLBV 1000	43.00 lbs	10"
SRLBV 1200*	49.00 lbs	12"

**12" uses 10" body.*

BAND & LATCH

Part #	Part Weight	Part Size
BLSBV 400	14.00 lbs	4"
BLSBV 600	24.00 lbs	6"
BLSBV 800	35.00 lbs	8"
BLSBV 1000	41.00 lbs	10"

FLANGED

Part #	Part Weight	Part Size
BVFL 400	25.00 lbs	4"
BVFL 600	35.00 lbs	6"
BVFL 800	56.00 lbs	8"
BVFL 1000	70.00 lbs	10"

PLAIN

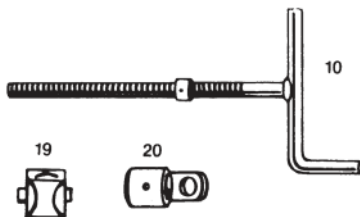
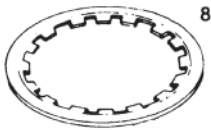
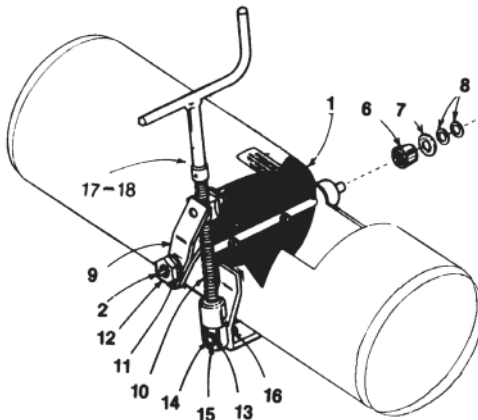
Part #	Part Weight	Part Size
BV 400	12.00 lbs	4"
BV 600	20.00 lbs	6"
BV 800	31.00 lbs	8"
BV 1000	36.00 lbs	10"

Also available epoxy coated - same price, specify on order.





BUTTERFLY LINE VALVE PARTS



Part #	Description	Part Size	Qty. Req.
BLV 1 4	Disc	4"	1
BLV 1 6	Disc	6"	1
BLV 1 8	Disc	8"	1
BLV 1 10	Disc	10"	1
BLV 2 4	Shaft $\frac{3}{4}$ x 8 $\frac{1}{4}$ "	4"	1
BLV 2 6	Shaft 1 x 10"	6"	1
BLV 2 8	Shaft 1 x 12"	8"	1
BLV 2 10	Shaft 1 x 14 $\frac{1}{4}$ "	10"	1
BLV 3 4	Bolt, Stainless $\frac{5}{16}$ " x 1 $\frac{1}{2}$ "	4"	2
BLV 3 6, 3 8	Bolt, Stainless $\frac{3}{8}$ " x 2 $\frac{1}{4}$ "	6" & 8"	2
BLV 3 10	Bolt, Stainless $\frac{3}{8}$ " x 2 $\frac{1}{4}$ "	10"	3
BLV 4 4	Washer, Brass $\frac{5}{16}$ "	4"	2
BLV 4 6, 4 8	Neoprene $\frac{3}{8}$ "	6" & 8"	2
BLV 4 10	Neoprene $\frac{3}{8}$ "	10"	3
BLV 5 4	Nut, Brass $\frac{5}{16}$ "	4"	2
BLV 5 6, 5 8	Nut, Brass $\frac{3}{8}$ "	6" & 8"	2
BLV 5 10	Nut, Brass $\frac{3}{8}$ "	10"	3
BLV 6 4	Gasket, Chevron $\frac{3}{4}$ "	4"	2
BLV 6 6, 6 8, 6 10	Gasket, Chevron 1"	6" thru 10"	2
BLV 7-4	Washer, Reducing $\frac{3}{4}$ " x $\frac{1}{2}$ "	4"	2
BLV 7 6, 7 8, 7 10	Washer, Reducing 1" x $\frac{3}{4}$ "	6" thru 10"	2
BLV 8 4	Ring, Retaining $\frac{3}{4}$ "	4"	4
BLV 8 6, 8 8, 8 10	Ring, Retaining 1"	6" thru 10"	4
BLV 9	Arm Linkage	4" thru 10"	2
BLV 10	Stem & Handle	4" thru 10"	1
BLV 11	Washer, Star $\frac{3}{4}$ "	4" thru 10"	1
BLV 12	Jam Nut $\frac{3}{4}$ "	4" thru 10"	1

BUTTERFLY LINE VALVE PARTS CONTINUED ON NEXT PAGE

BUTTERFLY LINE VALVE PARTS CONTINUED

Part #	Description	Part Size	Qty. Req.
BLV 13	Ferrule $\frac{3}{8}$ " x $\frac{5}{16}$ "	4" thru 10"	1
BLV 14	Bolt $\frac{3}{8}$ " x $1\frac{1}{2}$ "	4" thru 10"	1
BLV 15	Washer $\frac{3}{8}$ "	4" thru 10"	1
BLV 16	Nut $\frac{3}{8}$ " locknut	4" thru 10"	1
BLV 17	Collar $\frac{5}{8}$ "	4" thru 10"	2
BLV 18	Roll Pin $\frac{3}{16}$ " x $\frac{7}{8}$ "	4" thru 10"	2
BLV 19	Thrust Nut	4" thru 10"	1
BLV 20	Yoke	4" thru 10"	1



Connects pump to suction line.

- Add 3/4" or 1" FIPT - consult the factory.
- Western gasket available – see Western Steel section.



*Available with flange, add "FL" to end of part number - same price.
Example: SRLDA 608 FL*

RING LOCK DISCHARGE ADAPTER

Part #	Part Weight	Part Size
SRLDA 404	7.00 lbs	4" x 4"
SRLDA 405	8.00 lbs	4" x 5"
SRLDA 406	10.00 lbs	4" x 6"
SRLDA 505	9.00 lbs	5" x 5"
SRLDA 506	10.00 lbs	5" x 6"
SRLDA 508	14.00 lbs	5" x 8"
SRLDA 606	15.00 lbs	6" x 6"
SRLDA 608	16.00 lbs	6" x 8"
SRLDA 610	20.00 lbs	6" x 10"
SRLDA 808	17.00 lbs	8" x 8"
SRLDA 810	22.00 lbs	8" x 10"



Other sizes available upon request.

Western gasket available
- see Western Steel section.

*Available with flange, add "FL" to
end of part number - same price.
Example: BLSDA 606 FL*

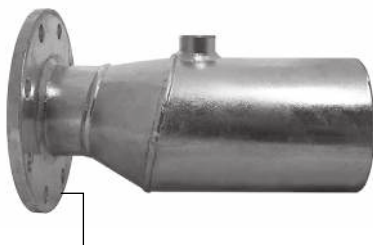
BAND AND LATCH DISCHARGE ADAPTER (STEEL NIPPLE)

Part #	Part Weight	Part Size
BLSDA 203	3.00 lbs	2" x 3"
BLSDA 303	4.00 lbs	3" x 3"
BLSDA 304	5.00 lbs	3" x 4"
BLSDA 404	6.00 lbs	4" x 4"
BLSDA 405	7.00 lbs	4" x 5"
BLSDA 406	9.00 lbs	4" x 6"
BLSDA 407	11.00 lbs	4" x 7"
BLSDA 505	7.00 lbs	5" x 5"
BLSDA 506	9.00 lbs	5" x 6"
BLSDA 507	12.00 lbs	5" x 7"
BLSDA 508	14.00 lbs	5" x 8"
BLSDA 606	15.00 lbs	6" x 6"
BLSDA 607	16.00 lbs	6" x 7"
BLSDA 608	17.00 lbs	6" x 8"



Connects pump to suction line.

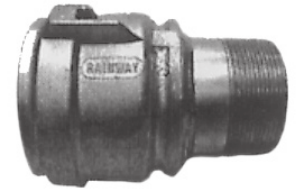
- Add 3/4" or 1" FIPT
- Other sizes available upon request.
- Consult the factory



*Available with flange, add "FL" to
end of part number - same price.
Example: SSA 6006 FL*

SUCTION ADAPTER — STEEL

Part #	Part Weight	Part Size
SSA 3003	4.00 lbs	3" x 3"
SSA 3004	4.00 lbs	3" x 4"
SSA 4004	5.00 lbs	4" x 4"
SSA 4005	7.00 lbs	4" x 5"
SSA 4006	8.00 lbs	4" x 6"
SSA 4007	10.00 lbs	4" x 7"
SSA 5005	8.00 lbs	5" x 5"
SSA 5006	9.00 lbs	5" x 6"
SSA 5007	10.00 lbs	5" x 7"
SSA 5008	12.00 lbs	5" x 8"
SSA 6006	13.00 lbs	6" x 6"
SSA 6007	14.00 lbs	6" x 7"
SSA 6008	16.00 lbs	6" x 8"
SSA 8008	17.00 lbs	8" x 8"



ALUMINUM DISCHARGE ADAPTER

Aluminum construction. For connecting main line to pumping unit.

Part #	Part Weight	Part Size
DA 1502	1.50 lbs	1 1/2" x 2"
DA 2002	1.50 lbs	2" x 2"
DA 1503	2.00 lbs	1 1/2" x 3"
DA 2003	2.00 lbs	2" x 3"
DA 3003	2.00 lbs	3" x 4"
DA 1504	2.50 lbs	1 1/2" x 4"
DA 2004	2.50 lbs	2" x 4"
DA 3004	2.50 lbs	3" x 4"
DA 4004	3.00 lbs	4" x 4"

Part #	Part Weight	Part Size
DA 3005	3.00 lbs	3" x 5"
DA 4005	4.00 lbs	4" x 5"
DA 3006	5.00 lbs	3" x 6"
DA 4006	6.00 lbs	4" x 6"
DA 5006	7.00 lbs	5" x 6"
DA 6006	9.00 lbs	6" x 6"
DA 6007	11.00 lbs	6" x 7"
DA 6008	7.00 lbs	6" x 8"
DA 8008	9.00 lbs	8" x 8"

For other sizes please consult the factory.

ALUMINUM SUCTION ADAPTER

Aluminum construction. For connecting suction pipe to pumping unit.



Part #	Part Weight	Part Size
SA 1503	1.50 lbs	1 1/2" x 3"
SA 2003	2.00 lbs	2" x 3"
SA 2503	2.00 lbs	2 1/2" x 3"
SA 3003	2.00 lbs	3" x 3"
SA 2004	2.50 lbs	2" x 4"
SA 3004	2.50 lbs	3" x 4"
SA 4004	2.50 lbs	4" x 4"
SA 3005	3.00 lbs	3" x 5"
SA 4005	3.00 lbs	4" x 5"
SA 5005	3.00 lbs	5" x 5"

Part #	Part Weight	Part Size
SA 3006	4.00 lbs	3" x 6"
SA 4006	4.00 lbs	4" x 6"
SA 5006	4.00 lbs	5" x 6"
SA 6006	4.00 lbs	6" x 6"
SA 5007	4.50 lbs	5" x 7"
SA 6007	4.50 lbs	6" x 7"
SA 7007	4.50 lbs	7" x 7"
SA 5008	5.00 lbs	5" x 8"
SA 6008	5.00 lbs	6" x 8"
SA 7008	5.25 lbs	7" x 8"
SA 8008	5.25 lbs	8" x 8"

For other sizes please consult the factory.



Heavy-duty steel ringlock clamp.
Made in the USA -
Highest quality available.

HIGH PRESSURE RING LOCK CLAMP

Part #	Part Weight	Part Size	Box Qty.
HPRLC 300	1.53 lbs	3"	300
HPRLC 400	1.60 lbs	4"	200
HPRLC 500	1.80 lbs	5"	175
HPRLC 600	2.00 lbs	6"	125
HPRLC 600 TL*	2.00 lbs	6"	125
HPRLC 700	2.25 lbs	7"	125
HPRLC 800	2.50 lbs	8"	100
HPRLC 800 TL*	2.50 lbs	8"	100
HPRLC 1000	3.25 lbs	10"	80
HPRLC 1000 S**	3.50 lbs	10"	80
HPRLC 1200	3.75 lbs	12"	75
HPRLC 1200 S**	3.75 lbs	12"	75

* Oversized to fit gated pipe bell couplers.

** HPRLC 1000 S & HPRLC 1200 S fit steel ring lock couplers only.



BOLT ON ADJUSTABLE MALE END

Part #	Part Weight	Part Size
SRLMBO 600	2.70 lbs	6"
SRLMBO 800	4.60 lbs	8"
SRLMBO 1000	5.80 lbs	10"



COMPACT ALUMINUM 4" X 3" BAND & LATCH REDUCER

Interchangeable with most hook styles and includes a standard Rainway 3" gasket.
One piece design.

Part #	Part Weight	Part Size
RC 43	5.00 lbs	4" male x 3" female

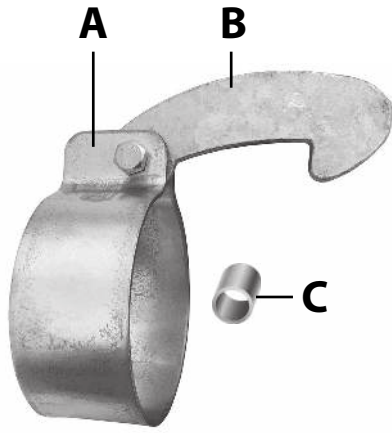


STEEL UNIVERSAL VALVE REPAIR ASSEMBLY

Used to keep a valve functioning and repaired at a later date.

Part #	Part Size
UVS SRV 400 (shown below)	4" valve 6" deep punch
UVS SRV 400ED	4" valve 7 1/2" deep punch
UVS SRV 600	6" valve 6" deep punch
UVS SRV 600 ED	6" valve 7 3/4" deep punch

Other sizes available - consult the factory.



FULL BAND AND LATCH

(INCLUDING NUT, BOLT, & FERRULE)
USES RAINWAY HOOK

Part #	Part Size
RWBL 200	2"
RWBL 300	3"
RWBL 400	4"
RWBL 500	5"
RWBL 600	6"
RWBL 700	7"
RWBL 800	8"
RWBL 1000	10"

(A) FULL BAND ONLY

Part #	Part Size
B 200	2"
B 300	3"
B 400	4"
B 500	5"
B 600	6"
B 700	7"
B 800	8"
B 1000	10"

(B) OUTSIDE LATCH

RAINWAY GALVANIZED STEEL HOOK

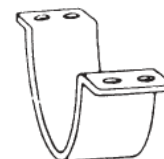
Part #
Latch Rainway
201007 Reg. A&M
201012 Long. A&M & Moore Rane
Latch Western
Latch Pierce

LOOSE FIT BAND FOR ELBOWS AND TEES ONLY

Part #	Part Size
B 200 OS	2"
B 300 OS	3"
B 400 OS	4"
B 500 OS	5"
B 600 OS	6"

(C) LATCH FERRULE

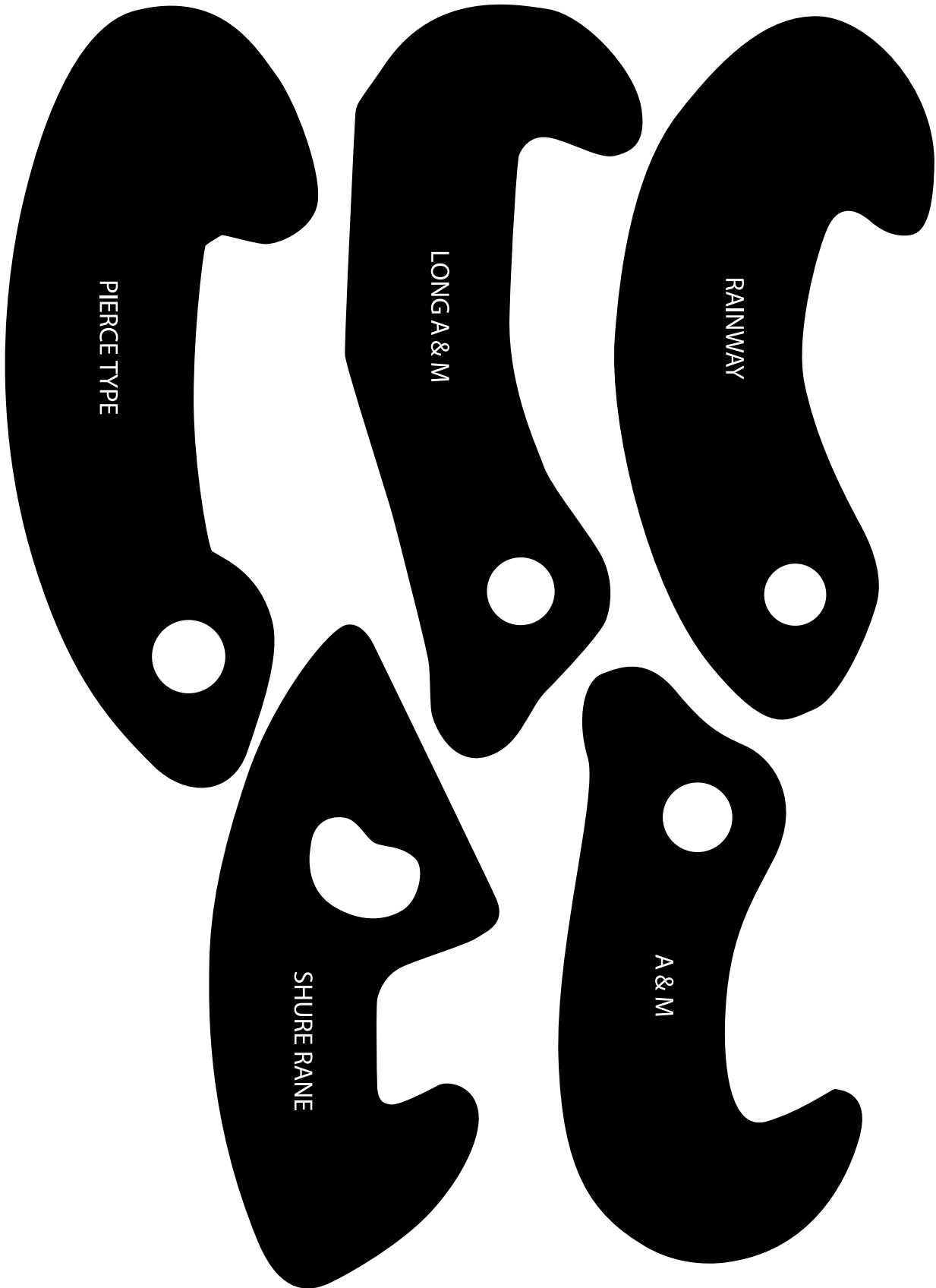
Part #
Ferrule A- $\frac{5}{16}$ "
Ferrule B- $\frac{1}{2}$ "
Rainway Latch Spring
201154 A&M Spring



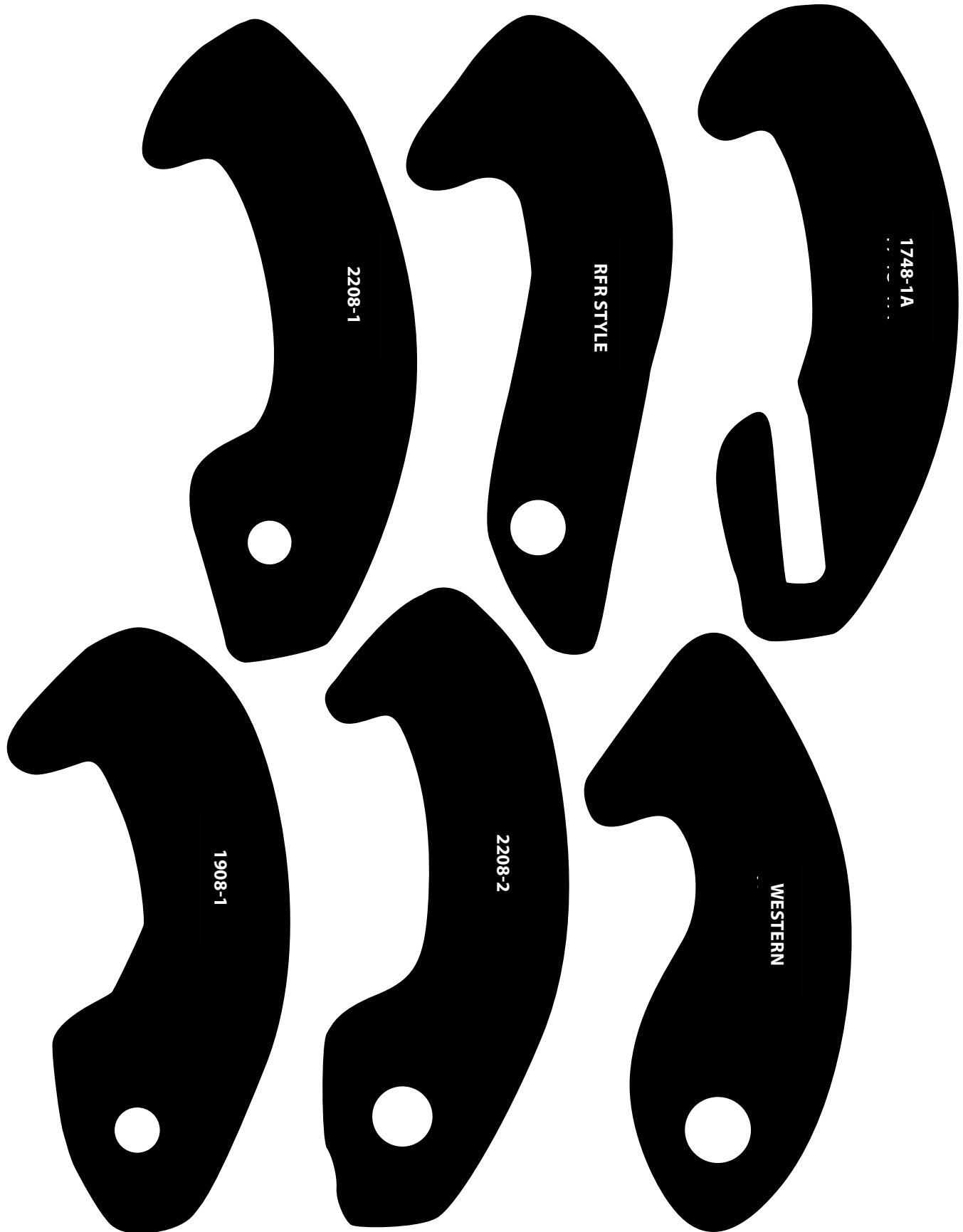
COUPLER & VALVE

HALF BANDS

Part Size
3" Half Band
4" Half Band
5" Half Band
6" Half Band



UNIVERSAL PARTS





WELD IN STEEL SPIDER — UNIVERSAL

PERMANENT

Part #	Part Size
--------	-----------

WSS 3	3"
-------	----

WSS 4	4"
-------	----

WSS 5	5"
-------	----

WSS 6	6"
-------	----

PERMANENT HEAVY DUTY

Part #	Part Size
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WSS 3 HD	3"
----------	----

WSS 4 HD	4"
----------	----

WSS 5 HD	5"
----------	----

WSS 6 HD	6"
----------	----

WSS 8 HD	8"
----------	----

REPLACEABLE

Part #	Part Size
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WSS 4 RP	4"
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Includes spider, brass nut and snap ring.

REPLACEABLE VALVE BRASS NUT & SNAP RING

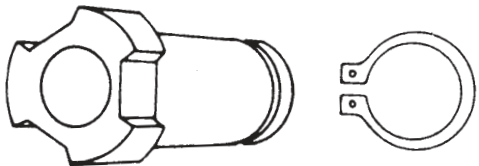
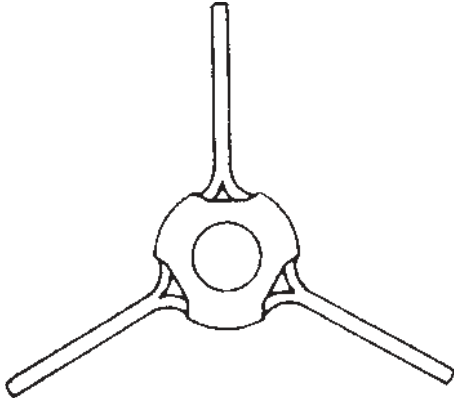
Description

Snap Ring 3" & 4" valves

Snap Ring 5" & 6" valves

Brass Nut 3" & 4" valves

Brass Nut 5" & 6" valves





WADE CAST ALUMINUM DIAPHRAGM PRIMING PUMP

Part # Part Weight Part Size

9-30	8.10 lbs	1" Inlet
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*Priming Pump has approximate 100 cubic inch displacement per stroke.
Fitted with 1" male thread for connection.*

9-30 DIAPHRAGM PUMP PARTS

Part # Description Part weight Qty. Req.

9-30A	Body, top half	2.00 lbs	1
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9-30B	Body, lower half	2.00 lbs	1
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9-30-1	Handle	1.00 lbs	1
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9-30-2	Handle support	0.50 lbs	1
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9-30-3	Rubber diaphragm	0.40 lbs	1
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9-30-4	Steel diaphragm	0.60 lbs	1
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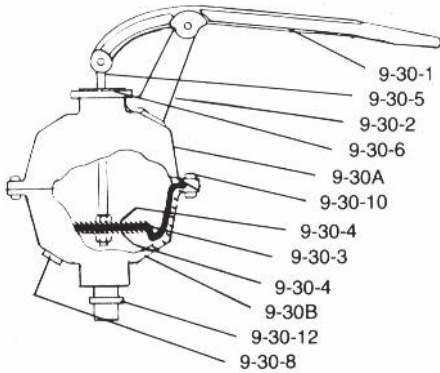
9-30-5	Connecting rod & nut	0.30 lbs	1
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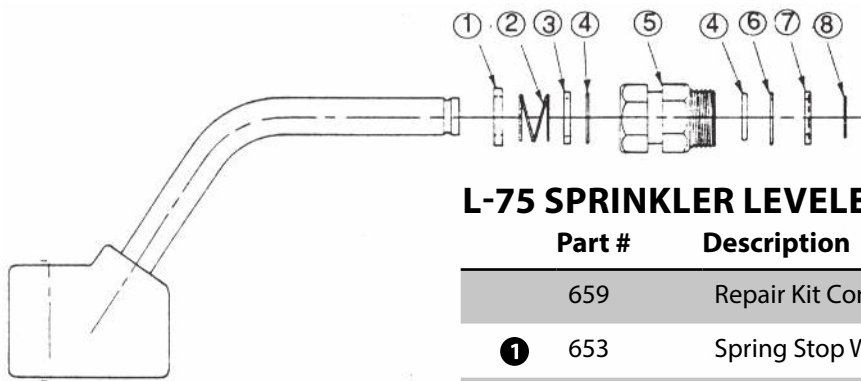
9-30-6	Handle bracket lock nut	0.40 lbs	1
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9-30-8	Rubber discharge valve	0.10 lbs	2
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9-30-12	Ball check valve w/ball	0.20 lbs	2
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9-30-13	Stainless ball only	0.10 lbs	3
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L-75 SPRINKLER LEVELER PARTS

Part #	Description
659	Repair Kit Consisting of the following
① 653	Spring Stop Washer
② 654	Stainless Spring
③ 655	Rubber Washer
④ 656	Teflon Washer (2 req)
⑤ 657	Hex Bearing
⑥ 659-8	O-Ring
⑦ 658	Brass Retainer Washer
⑧ 659-10	Stainless Snap Ring

HOLD BANDS

STEEL



Part #	Part Weight (per 100)	Part Size
SHB 5	38.00 lbs	5"
SHB 6	50.00 lbs	6"
SHB 8	75.00 lbs	8"
SHB 1000	88.00 lbs	10"
SHB 1200	100.00 lbs	12"

6" and larger spot welded strap style.

ALUMINUM

Part #	Part Weight (per 100)	Part Size
HB 300	—	3"
HB 400	13.00 lbs	4"
HB 500	16.00 lbs	5"
HB 600	19.00 lbs	6"
HB 800	44.00 lbs	8"
HB 1000	63.00 lbs	10"

PIVOT ACCESSORIES

PIVOT BOOT

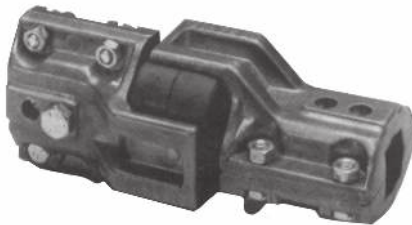


Part #	Description	Part Weight
PB 16	6 ⁵ / ₈ x 16" Boot-Heavy Duty Nitrile Rubber w/ Polyester Braid	3.50 lbs
PBC	Clamp for above stainless steel	0.50 lbs

U-JOINT DRIVELINE COUPLER ASSEMBLIES*

**Includes 4 arm 1/2s, rubber puck insert and nut & bolt package*

SETS



Part #	Part Weight	Part Size
DCA 1X1S	2.50 lbs	1" Round to 1" Square shaft
DCA 1X7/8S	2.50 lbs	1" Round to 7/8" Square shaft
DCA 1X3/4S	2.50 lbs	1" Round to 3/4" Square shaft
DCA 1KWX34S	2.50 lbs	1" Round w/ keyway to 3/4" Square shaft

INDIVIDUAL PARTS

Part #	Part Weight	Part Size
DCA 1	0.40 lbs	Arm half for 1" Round or 7/8" Square shaft
DCA 1KW	0.40 lbs	Arm half for 1" Round w/ keyway
DCA 1S	0.40 lbs	Arm half for 1 1/8" Round or 1" Square Shaft
DCA 3/4S	0.40 lbs	Arm half for 3/4" square shaft
DCA 7/8S (same as DCA-1)	—	—
DCA RP	0.50 lbs	Rubber puck insert
DCA NB	0.10 lbs	Nut & bolt package



WR-10



Sturdy cast bronze arm.
Cast bronze high-strength twin-beam body with cored water passage.
Increased UV inhibitor for longer life.
TRUE-LIFE technology for extended life and consistent performance.
Exclusive stainless steel spindle.



WR-20

1/2" BRASS AGRICULTURAL SPRINKLERS

NOTE: Most sprinklers provided with nozzles installed. Four sizes of nozzles are available. See performance data on the following page.

WR-10 WEDGE DRIVE WITH WT NOZZLES

Part #	Description	Part Weight	Box Qty.
WR-10 WT	No nozzle, WT thread	.5 lb	50
WR-10-5/64 WT	With 5/64" WT nozzle	.5 lb	50
WR-10-7/64 WT	With 3/32" WT nozzle	.5 lb	50

WR-20 SPOON DRIVE WITH WT NOZZLES

Part #	Description	Part Weight	Box Qty.
WR-20 WT	No nozzle, WT thread	.5 lb	60
WR-20-3/32 WT	With 3/32" WT nozzle	.5 lb	60
WR-20-7/64 WT	With 7/64" WT nozzle	.5 lb	60
WR-20-1/8 WT	With 1/8" WT nozzle	.5 lb	60
WR-20-9/64 WT	With 5/64" WT nozzle	.5 lb	60



**RB 3/8" UNF
Threads**



**WT 1/8" NPT
Threads**

How To Order

XX - X/XX

**Thread Style
(RB or WT)**

**Nozzle Bore
(5/64 thru 1/8)**

WR-20 SPOON DRIVE WITH RB NOZZLES

Part #	Description	Part Weight	Box Qty.
WR-20 RB	No nozzle, RB thread	.5 lb	60
WR-20-1/8 RB	With 1/8" RB nozzle	.5 lb	60
WR-20-7/64 RB	With 7/64" RB nozzle	.5 lb	60

WT NOZZLES

Part #	Description	Bag Qty.
WT - 5/64	1/8"-27, 5/64	100
WT - 3/32	1/8"-27, 3/32	100
WT - 7/64	1/8"-27, 7/64	100
WT - 1/8	1/8"-27, 1/8	100
WT - 9/64	1/8"-27, 9/64	100

RB NOZZLES

Part #	Description	Bag Qty.
RB - 5/64	3/8"-24, 5/64	100
RB - 3/32	3/8"-24, 3/32	100
RB - 7/64	3/8"-24, 7/64	100
RB - 1/8	3/8"-24, 1/8	100
RB - 9/64	3/8"-24, 9/64	100



NOTE: Highest point of stream is 6 ft. above nozzle with 3/32" nozzle at normal operating pressure.

Performance stated at base pressure.

PERFORMANCE DATA - WR-10 BRASS IMPACT SPRINKLER

Sturdy cast-bronze high strength arm.

MODEL WR-10 WEDGE-DRIVE SINGLE - 23 DEGREE TRAJECTORY

5/64"			3/32"		7/64"		1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	0.85	62'	1.28	64'	1.72	70'	2.25	72'
30	0.97	65'	1.41	69'	1.89	73'	2.41	76'
35	1.05	66'	1.52	70'	2.04	73'	2.61	77'
40	1.13	67'	1.63	71'	2.18	74'	2.79	77'
45	1.20	68'	1.73	72'	2.31	75'	2.96	78'
50	1.26	69'	1.83	73'	2.44	76'	3.13	79'
55	1.33	70'	1.92	74'	2.56	77'	3.28	80'
60	1.39	71'	2.01	75'	2.67	78'	3.43	81'
65	1.45	72'	2.09	76'	2.78	78'	3.57	82'
70	1.51	73'	2.18	77'	2.89	79'	3.71	82'



NOTE: Highest point of stream is 6.5 ft. above nozzle with 7/64" nozzle at normal operating pressure.

Performance stated at base pressure.

PERFORMANCE DATA - WR-20 BRASS IMPACT SPRINKLER

Sturdy cast-bronze high strength arm.

MODEL WR-20 SPOON-DRIVE SINGLE - 23 DEGREE TRAJECTORY

3/32"			7/64"		1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	1.28	67'	1.72	69'	2.20	71'	2.83	74'
30	1.41	69'	1.89	71'	2.41	74'	3.11	77'
35	1.52	70'	2.04	73'	2.61	76'	3.36	79'
40	1.63	71'	2.18	74'	2.79	77'	3.60	80'
45	1.73	72'	2.31	75'	2.96	78'	3.82	81'
50	1.83	73'	2.44	76'	3.13	79'	4.03	82'
55	1.92	74'	2.56	77'	3.28	80'	4.23	83'
60	2.01	75'	2.67	78'	3.43	81'	4.43	84'
65	2.09	76'	2.78	79'	3.57	82'	4.61	85'
70	2.18	77'	2.89	80'	3.71	83'	4.79	86'



WR-33



WR-32



WR-35

3/4" BRASS AGRICULTURAL SPRINKLERS

NOTE: All sprinklers are double nozzle, but are shipped with the removable spreader nozzle plug installed and no range nozzle. All nozzles are ordered separately.*See performance data on following pages.

Part #	Description	Part Weight	Box Qty.
WR-33	Brass Impact Sprinkler	1.00 lbs	30/60
WR-32	Brass Sprinkler w/ Aluminum Arm	1.00 lbs	30/60
WR-35	Part-circle Adjustable brass sprinkler	1.40 lbs	20

NOZZLES

Part #	Part Size	GPM at 50 PSI	Application Rate (40x60)	Box Qty.
WR-7/64	7/64" Range nozzle	2.45	—	30
WR-1/8	1/8" Range nozzle	3.22	—	30
WR-9/64	9/64 Range nozzle	4.07	0.16"/hr	30
WR-5/32	5/32" Range nozzle	4.98	0.20"/hr	30
WR-11/64	11/64" Range nozzle	6.01	0.24"/hr	30
WR-3/16	3/16" Range nozzle	7.16	0.29"/hr	30
WR-13/64	13/64" Range nozzle	8.45	0.34"/hr	30
WR-7/32	7/32" Range nozzle	9.90	0.40"/hr	30
WR-1/4	1/4" Range nozzle	12.80	0.52"/hr	30
SSN-3/32	3/32" Spreader nozzle	3.22	—	30
SSN-1/8	1/8" Spreader nozzle	1.76	—	30
SNP	Spreader nozzle plug (included with sprinkler)	—	—	50
VANE	Stream straightening vane for range nozzle	—	—	100



PERFORMANCE DATA - WR-33 BRASS IMPACT SPRINKLER

NOTE: Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above. Highest point of stream is 8 ft. above nozzle with 1/8" nozzle at normal operating pressure. Performance stated at base pressure.

WR-33 SINGLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

1/8"			9/64"		5/32"		11/64"		3/16"		13/64"		7/32"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	—	—	2.88	80'	3.52	82'	4.24	83'	5.00	85'	5.90	86'	6.85	88'
30	—	—	3.15	81'	3.85	85'	4.64	88'	5.50	91'	6.50	94'	7.55	95'
35	—	—	3.40	82'	4.16	87'	5.02	90'	6.00	94'	7.05	97'	8.20	100'
40	—	—	3.64	83'	4.45	88'	5.37	92'	6.40	96'	7.55	99'	8.80	102'
45	3.05	82'	3.86	84'	4.72	89'	5.70	94'	6.80	98'	8.00	101'	9.35	104'
50	3.22	83'	4.07	85'	4.98	90'	6.01	95'	7.20	100'	8.45	103'	9.90	106'
55	3.38	84'	4.27	86'	5.22	91'	6.30	96'	7.50	101'	8.85	104'	10.40	107'
60	3.53	85'	4.46	87'	5.45	92'	6.57	97'	7.90	102'	9.25	105'	10.75	108'
65	3.68	86'	4.65	88'	5.68	93'	6.83	98'	8.20	103'	9.60	106'	11.10	109'
70	3.82	86'	4.83	89'	5.90	94'	7.09	99'	8.50	104'	9.95	107'	11.40	110'
75	3.96	87'	5.00	90'	6.11	95'	7.34	100'	8.80	105'	10.25	108'	11.70	111'
80	4.09	87'	5.17	91'	6.30	96'	7.58	101'	9.10	106'	10.50	109'	12.00	112'

WR-33 DOUBLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

9/64" x 3/32"			5/32" x 3/32"		11/64" x 3/32"		3/16" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	4.18	80	4.83	82	5.55	83	6.31	85	7.40	85	8.30	86	9.25	88
30	4.58	81	5.28	85	6.07	88	6.93	91	8.15	91	9.15	94	10.20	96
35	4.95	82	5.71	87	6.57	90	7.51	94	8.83	94	9.93	97	11.10	100
40	5.29	83	6.11	88	7.03	92	8.03	96	9.46	96	10.65	99	11.90	102
45	5.61	84	6.48	89	7.46	94	8.53	98	10.05	98	11.30	101	12.65	104
50	5.91	85	6.82	90	7.78	95	9.00	100	10.60	100	11.90	103	13.35	106
55	6.20	86	7.15	91	8.25	96	9.45	101	11.10	101	12.50	104	14.00	107
60	6.48	87	7.47	92	8.60	97	9.86	102	11.60	102	13.00	105	14.50	108
65	6.75	88	7.78	93	8.93	98	10.27	103	12.10	103	13.50	106	15.00	109
70	7.00	89	8.08	94	9.25	99	10.66	104	12.50	104	14.00	107	15.45	110
75	7.25	90	8.37	95	9.56	100	11.02	105	12.90	105	14.40	108	15.90	111
80	7.49	91	8.65	96	9.87	101	11.36	106	13.25	106	14.80	109	16.30	112



PERFORMANCE DATA - WR-32 BRASS IMPACT SPRINKLER

Aluminum arm for low gallonage applications.

WR-32 SINGLE NOZZLE - ALUMINUM ARM

7/64"			1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	1.73	77'	2.25	78'	2.88	80'
30	1.89	78'	2.47	79'	3.15	81'
35	2.05	78'	2.68	80'	3.40	82'
40	2.19	79'	2.87	81'	3.64	83'
45	2.32	80'	3.05	82'	3.86	84'
50	2.45	80'	3.22	83'	4.07	85'
55	2.57	81'	3.38	84'	4.27	86'
60	2.68	82'	3.53	85'	4.46	87'
65	2.79	82'	3.68	86'	4.65	88'
70	2.90	83'	3.82	86'	4.83	89'
75	3.00	83'	3.96	87'	5.00	90'
80	3.10	84'	4.09	87'	5.17	91'

WR-32 SINGLE NOZZLE - ALUMINUM ARM WITH STRAIGHTENING VALVE

7/64"			1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	1.73	78'	2.25	82'	2.88	85'
30	1.89	79'	2.47	84'	3.15	87'
35	2.05	80'	2.68	85'	3.40	89'
40	2.19	81'	2.87	86'	3.64	91'
45	2.32	82'	3.05	87'	3.86	92'
50	2.45	83'	3.22	88'	4.07	93'
55	2.57	84'	3.38	89'	4.27	94'
60	2.68	85'	3.53	90'	4.46	95'
65	2.79	86'	3.68	91'	4.65	96'
70	2.90	87'	3.82	92'	4.83	97'
75	3.00	88'	3.96	93'	5.00	98'
80	3.10	89'	4.09	94'	5.17	100'



PERFORMANCE DATA - WR-35 ADJUSTABLE PART CIRCLE BRASS IMPACT SPRINKLER

NOTE: Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above.
Highest point of stream is 7 ft. above nozzle with 1/8" nozzle at normal operating pressure.
Performance stated at base pressure.

WR-35 SINGLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

5/32"			11/64"		3/16"		13/64"		7/32"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
30	3.85	84'	4.64	87'	5.50	89'	6.50	96'	7.55	94'
35	4.16	85'	5.02	88'	5.96	92'	7.05	95'	8.20	96'
40	4.45	87'	5.37	90'	6.38	94'	7.55	97'	8.80	98'
45	4.72	88'	5.70	92'	6.78	96'	8.00	99'	9.35	100'
50	4.98	89'	6.01	93'	7.16	98'	8.45	101'	9.90	102'
55	5.22	90'	6.30	94'	7.52	100'	8.85	102'	10.40	104'
60	5.45	91'	6.57	96'	7.85	101'	9.25	103'	10.75	105'
65	5.68	92'	6.83	97'	8.18	102'	9.60	104'	11.10	106'
70	5.90	93'	7.09	98'	8.50	103'	9.95	105'	11.40	107'

WR-35 DOUBLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

9/64" x 3/32"			5/32" x 3/32"		11/64" x 3/32"		3/16" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
30	4.58	80'	5.28	84'	6.07	87'	6.93	89'	8.15	89'	9.15	93'	10.20	94'
35	4.95	81'	5.71	85'	6.57	88'	7.51	92'	8.83	92'	9.93	95'	11.10	96'
40	5.29	82'	6.11	87'	7.03	90'	8.03	94'	9.46	94'	10.65	97'	11.90	98'
45	5.61	83'	6.48	88'	7.46	92'	8.53	96'	10.05	96'	11.30	99'	12.65	100'
50	5.91	84'	6.82	89'	7.87	93'	9.00	98'	10.60	98'	11.90	101'	13.35	102'
55	6.20	85'	7.15	90'	8.25	94'	9.45	100'	11.10	100'	12.50	102'	14.00	104'
60	6.48	86'	7.47	91'	8.60	96'	9.86	101'	11.60	101'	13.00	103'	14.50	105'
65	6.75	87'	7.78	92'	8.93	97'	10.27	102'	12.10	102'	13.50	104'	15.00	106'
70	7.00	88'	8.08	93'	9.25	98'	10.66	103'	12.50	103'	14.00	105'	15.45	107'

HAND MOVE / SOLID SET

PRESS-IN KNOB STYLE ALUMINUM LATERAL COUPLER SET



Part #	Part Size
1-2-1P w/8-2SG	2"
1-3-1P w/8-3SG	3"
1-4-1 P w/8-4USG	4"

COUPLER ONLY WITH GASKET

Part #	Part Weight	Part Size
1-2-1P	1.00 lbs	2"
1-3-1P	1.40 lbs	3"
1-4-1P	2.40 lbs	4"

Complete set includes press-in coupler with 1" riser outlets, ring and latch with nuts and bolts. Fast-drain gaskets are standard in 3" and 4". Optional gaskets are available, see Parts section. (2" supplied with M Gaskets).

WELD-ON KNOB STYLE ALUMINUM LATERAL COUPLER SET



Part #	Outlet	Part Size
1-3-1WO w/8-3SG	1"	3"
1-4-1WO w/8-4USG	1"	4"

COUPLER ONLY WITH GASKET

Part #	Part Weight	Outlet	Part Size
1-3-1WO	1.2 lbs	1"	3"
1-4-1WO	1.8 lbs	1"	4"

Complete coupler set includes weld-on coupler with one-inch riser outlet, gasket and ring and latch with nuts and bolts. Fast drain gaskets are standard. Other gaskets are available, see Parts section.



MALE X FEMALE RISER COUPLER

Part #	Outlet	Part Weight
1-3-1MXF	1"	2.20 lbs

Complete with SG latch and fast drain gasket. Optional gaskets are available, see Parts section.



RING AND LATCH ASSEMBLY WITH NUT AND BOLT

RING AND LATCH ASSEMBLY FOR AUTOMATIC LATERAL OPERATION ONLY (HAND LINE)

Part #	Part Weight	Part Size
8-2SG	0.40 lbs	2"
8-3SG	0.50 lbs	3"
8-4USG	0.90 lbs	4"

RING AND LATCH ASSEMBLY FOR POSITIVE LATCH OPERATION ONLY (SOLID SET & FITTINGS)

Part #	Part Weight	Part Size
8-2CX	0.40 lbs	2"
8-3CX	0.50 lbs	3"
8-4UCX	0.90 lbs	4"

.....



STANDARD END PLUG WITH POSITIVE LATCH & SPRING

Part #	Part Weight	Part Size
5-2CX	0.80lbs	2"
5-3CX	1.30 lbs	3"
5-4CX	1.80 lbs	4"

END PLUGS FOR 3" AND 4" BOLT-ON COUPLERS

Part #	Part Weight	Part Size
5-3CS	1.30 lbs	3"
5-4CS	1.80 lbs	4"

HAND MOVE / SOLID SET

KNOB COUPLER FIELD TEES AND ELBOWS

REVERSIBLE FIELD TEES



Part #	Part Weight	Part Size
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2-2MXFR	2.80 lbs	2"
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2-3MXFR	3.80 lbs	3"
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2-4MXFR	5.00 lbs	4"
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REVERSIBLE FIELD ELBOWS 90°



Part #	Part Weight	Part Size	45°	90°
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3-2MXFR	2.10 lbs	2"	✓	✓
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3-3MXFR	2.90 lbs	3"	✓	✓
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3-4MXFR	4.10 lbs	4"	✓	✓
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To order 45° elbows, add "45°" to part number.

KNOB COUPLER FIELD REDUCERS, FABRICATED END TEES

FIELD REDUCER MALE X FEMALE



Part #	Part Weight	Part Size
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4-3-2FC *	1.60 lbs	3" M x 2" F
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4-4-2FC	2.80 lbs	4" M x 2" F
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4-4-3FC *	2.30 lbs	4" M x 3" F
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***No outlet**

Other sizes available upon request.

FABRICATED END TEES

Part #	Part Weight
--------	-------------

2Fx2Fx2M	2.60 lbs
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2Fx2Fx3M	2.80 lbs
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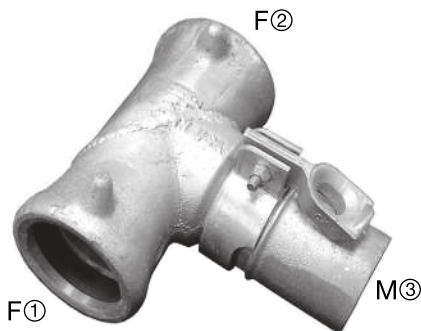
3Fx3Fx3M	3.50 lbs
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3Fx3Fx4M	4.90 lbs
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4Fx4Fx4M	6.40 lbs
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4Fx4Fx5M	7.30 lbs
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4Fx4Fx6M	8.60 lbs
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In-Line Tees and other sizes available upon request.



DOUBLE END FIELD FITTINGS FOR KNOB COUPLERS

FIELD TEES

Part #	Part Weight	Part Size
2-2FC	2.10 lbs	2"
2-3FC	2.30 lbs	3"
2-4FC	4.20 lbs	4"

One-inch outlet on field tee standard.



FIELD ELBOWS 90°

Part #	Part Weight	Part Size	45°	90°
3-2FC	1.60 lbs	2"	✓	✓
3-3FC	2.60 lbs	3"	✓	✓
3-4FC	3.10 lbs	4"	✓	✓

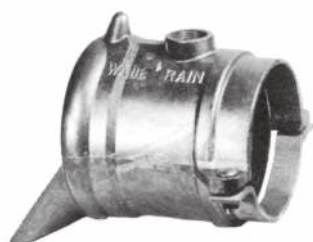
To order 45° elbows, add — "45°" to part number.



REDUCING COUPLERS

Part #	Part Weight	Part Size
4-3-2C	2.10 lbs	3" x 2"
4-4-2C	2.30 lbs	4" x 2"
4-4-3C	2.60 lbs	4" x 3"

One-inch outlet on field reducers standard through 5".
Other sizes available upon request.



BOLT-ON AND DOUBLE END COUPLERS

BOLT-ON LATERAL COUPLER

Part #	Part Weight	Part Size
1-2-1S	1.40 lbs	2"
1-3-1S	1.80 lbs	3"
1-4-1S	2.50 lbs	4"

For larger sizes, see Mainline Section.

Coupler includes Lateral Line Gasket and Chevron Gasket for bolt-on end and "C" series half clamp with nuts and bolts. One-inch riser outlet standard.



DOUBLE END LATERAL COUPLER

Part #	Part Weight	Part Size
1-2-1C	1.50 lbs	2"
1-3-1C	1.90 lbs	3"
1-4-1C	2.30 lbs	4"

Coupler includes Lateral Line Gaskets and one-inch riser outlet.

HAND MOVE / SOLID SET



PRESS-IN SHORT HOOK ALUMINUM COUPLERS W/STOPS

Part #	Outlet	Part Size
1-2-3/4PHS w/8-2HS	3/4"	2"
1-3-3/4PHS w/8-3HS	3/4"	3"
1-3-1PHS w/8-3HS	1"	3"

Complete set includes press-in coupler, ring and latch with nut, bolt and spacer washer. 3/4" riser outlet is standard. 1" riser outlet optional on 3" size only. Non-drain gasket is standard. Other gaskets available, see Parts Section.

NOTE: PHS couplers have internal stop. Use PSS couplers if internal stop is not required.

COUPLER ONLY WITH GASKET

Part #	Part Weight	Part Size
1-2-3/4PHS	1.00 lbs	2"
1-3-3/4PHS	1.60 lbs	3"
1-3-1PHS	1.60 lbs	3"

Recommended for solid-set application only. Use PSS coupler for handmove applications.



WELD-ON SHORT HOOK ALUMINUM COUPLERS W/STOPS

Part #	Outlet	Part Size
1-3-3/4 WHS w/8-3HS	3/4"	3"
1-3-1 WHS w/8-3HS	1"	3"

Complete set includes weld-on coupler, ring and latch with nut, bolt and spacer washer. 3/4" riser outlet is standard. 1" riser outlet optional on 3" size only. Non-drain gasket is standard. Other gaskets available, see Parts Section.

NOTE: WHS couplers have internal stop. Use WSS couplers if internal stop is not required.

COUPLER ONLY WITH GASKET

Part #	Part Weight	Part Size
1-3-3/4WHS	1.60 lbs	3"
1-3-1WHS	1.60 lbs	3"

Recommended for solid-set application only. Use PSS coupler for handmove applications.

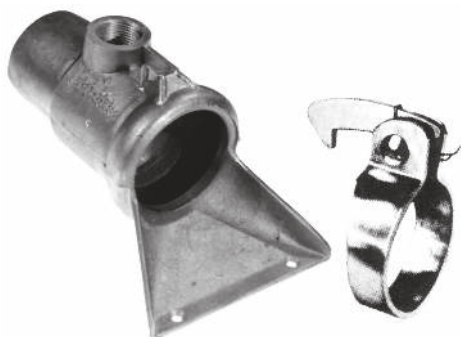


RING AND LATCH ASSEMBLY WITH NUT & BOLT

Part #	Part Weight	Part Size
8-2HS	0.40 lbs	2"
8-3HS	0.50 lbs	3"

This is a 1/4" thick latch

Short hook coupler end plugs — Use 5-2 SS or 5-3 SS



PRESS-IN SHORT HOOK ALUMINUM COUPLERS W/O STOPS

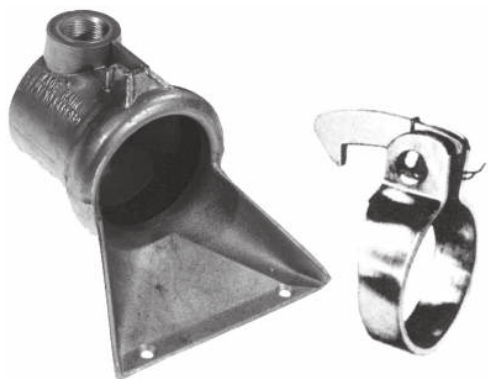
Part #	Outlet	Part Size
1-2-3/4PSS w/8-2SS-SP	$\frac{3}{4}$ "	2"
1-3-3/4PSS w/8-3SS-SP	$\frac{3}{4}$ "	3"
1-3-1PSS w/8-3SS-SP	1"	3"

Complete set includes press-in PSS coupler without stop. Includes ring and latch with spring, nut and bolt. 1" riser outlet is optional on 3" size only. Non-drain gasket is standard. Other gaskets are available, see Parts section.

NOTE: PSS couplers do NOT have internal stop. Use PHS coupler if internal stops are required.

COUPLER ONLY WITH GASKET

Part #	Part Weight	Part Size
1-2-3/4PSS	1.00 lbs	2"
1-3-3/4PSS	1.40 lbs	3"
1-3-1PSS	1.40 lbs	3"



WELD-ON SHORT HOOK ALUMINUM COUPLERS W/O STOPS

Part #	Outlet	Part Size
1-3-3/4WSS w/8-3SS-SP	$\frac{3}{4}$ "	3"
1-3-1WSS w/8-3SS SP	1"	3"

Complete set includes weld-on WSS coupler without stop. Includes ring and latch with spring, nut and bolt. 1" riser outlet is optional on 3" size only. Non-drain gasket is standard. Other gaskets are available, see Parts section.

NOTE: WSS couplers do NOT have internal stop. Use WHS coupler if internal stops are required.

COUPLER ONLY WITH GASKET

Part #	Part Weight	Part Size
1-3-3/4WSS	1.40 lbs	3"
1-3-1WSS	1.40 lbs	3"

HAND MOVE / SOLID SET



SHORT HOOK RING AND LATCH ASSEMBLY WITH NUT AND BOLT

NO SPRING ($\frac{1}{4}$ " THICK LATCH)

Part #	Part Weight	Part Size
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8-2SS	0.40 lbs	2"
8-3SS	0.50 lbs	3"

WITH SPRING ($\frac{1}{4}$ " THICK LATCH)

Part #	Part Weight	Part Size
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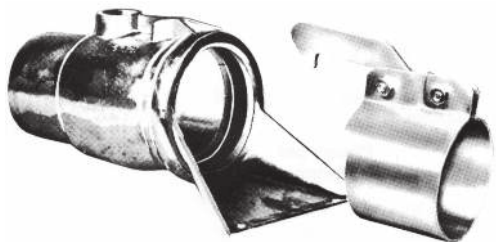
8-2SS-SP	0.40 lbs	2"
8-3SS-SP	0.50 lbs	3"



SHORT HOOK COUPLER END PLUG WITH SPRING

Part #	Part Weight	Part Size
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5-2SS	0.80 lbs	2"
5-3SS	1.30 lbs	3"



LONG HOOK ALUMINUM COUPLER SETS

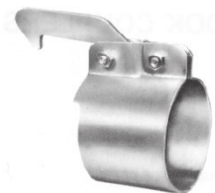
Part #	Part Size
1-2-3/4PHL w/8-2 HL	2"
1-3-1PHL w/8-3 HL	3"
1-4-1PHL w/8-4UHL	4"

Complete set includes press-in coupler, ring and latch with nut and bolt. 1" riser outlet and fast-drain gasket standard on 3" and 4" size only.

3/4" outlet and slow-drain gasket standard on 2" size. Other gaskets available, see Parts Section.

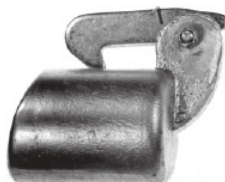
COUPLER ONLY WITH GASKET

Part #	Part Weight	Part Size
1-2-3/4PHL	1.00 lbs	2"
1-3-1PHL	1.80 lbs	3"
1-4-1PHL	2.50 lbs	4"



LONG HOOK RING & LATCH WITH NUT & BOLT

Part #	Part Weight	Part Size
8-2HL	0.60 lbs	2"
8-3HL	0.70 lbs	3"
8-4UHL	1.10 lbs	4"



LONG HOOK COUPLER END PLUG WITH SPRING

Part #	Part Weight	Part Size
5-2G	0.90 lbs	2"
5-3G	1.40 lbs	3"
5-4G	2.10 lbs	4"

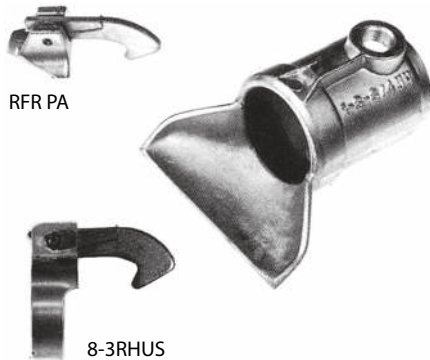
For 3" size see 5-3 HU below.



UNIVERSAL HOOK STYLE END PLUG

Part #	Part Weight	Part Size
5-3HU	1.40 lbs	3"

HAND MOVE / SOLID SET



WELD-ON UNIVERSAL HOOK STYLE COUPLER SET

Part # Part Size

RFR 300 W (includes RFR PA) *	2"
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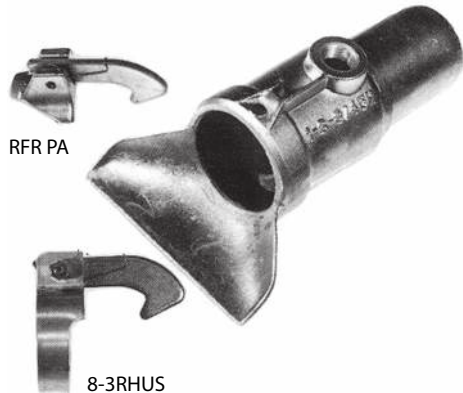
RFR 300 WG w/8-3RHUS *	3"
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Complete set includes weld-on coupler with 3/4" riser outlet, gasket and assembled spring-loaded weld-on latch pad or ring & latch. Non-drain chevron style gasket is standard.

COUPLER ONLY WITH GASKET

Part # Part Size

RFR 300 WG *	3"
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PRESS-IN UNIVERSAL HOOK STYLE COUPLER SET

Part # Part Size

1-3-3/4UP w/RFR PA *	3"
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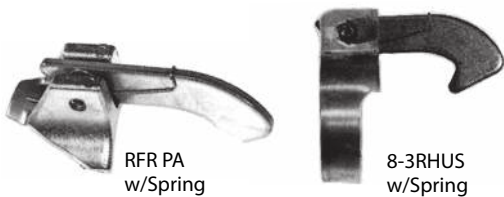
1-3-3/4UP w/8-3RHUS	3"
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Complete set includes press-in coupler with 3/4" steel riser outlet, gasket and assembled spring-loaded weld-on latch pad or ring & latch. Non-drain chevron style gasket is standard.

COUPLER ONLY WITH GASKET

Part # Part Size

1-3-3/4UP	3"
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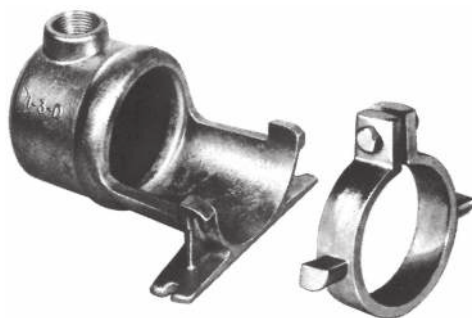
UNIVERSAL MALE END

Part # Part Weight Part Size

RFR PA (weld on) *	0.60 lbs	3"
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8-3RHUS (Bolt-On R&L)	0.70 lbs	3"
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* RFR style couplings and latch pad assembly.



WELD-ON ALUMINUM DROP-LOCK COUPLER SETS

Part #	Outlet	Part Size
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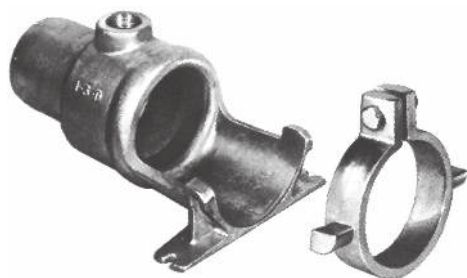
PLCR 300 W	1"	3"
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Complete coupler set includes weld-on coupler with 1" steel riser outlet, gasket and bolt-on male end. Non-drain chevron style gasket is standard.

COUPLER ONLY WITH GASKET

Part #	Part Weight	Part Size
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PLCR 300 W LME	1.40 lbs	3"
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PRESS-IN ALUMINUM DROP-LOCK COUPLER SETS

Part #	Part Weight	Part Size
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PLCR 200	2.00 lbs	2"
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PLCR 300	3.00 lbs	3"
----------	----------	----

PLCR 400	4.00 lbs	4"
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Complete coupler set includes press-in coupler, gasket and bolt-on male end. 1" steel riser outlet and non-drain chevron style gaskets are standard.

COUPLER ONLY WITH GASKET

Part #	Part Weight	Part Size
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PLCR 200 G	1.70 lbs	2"
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PLCR 300 G	2.60 lbs	3"
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PLCR 400 G	3.50 lbs	4"
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DROP-LOCK MALE END

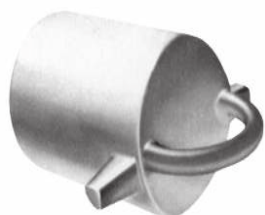
Part #	Part Weight	Part Size
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PLML 200	0.30 lbs	2"
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PLML 300	0.40 lbs	3"
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PLML 400	0.50 lbs	4"
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Nut & bolt included.



DROP-LOCK END PLUG

Part #	Part Weight	Part Size
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1710-1	0.50 lbs	2"
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1711-1	0.80 lbs	3"
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1994-1	1.80 lbs	4"
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HAND MOVE / SOLID SET

HOOK COUPLER FIELD TEES, ELBOWS

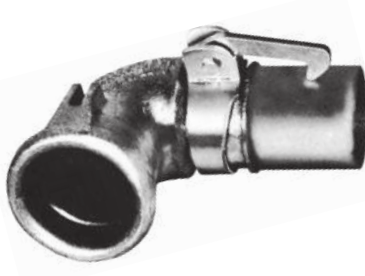
REVERSIBLE FIELD TEES



Part #	Part Weight	Part Size
2-2MXFR-HS	2.80 lbs	2"
2-3MXFR-HS	3.80 lbs	3"
2-4MXFR-HS	5.10 lbs	4"

For PHL Long Hook couplings and PHS Short Hook couplings.

REVERSIBLE FIELD ELBOWS 90°



Part #	Part Weight	Part Size	45°	90°
3-2MXFR-HS	2.10 lbs	2"	✓	✓
3-3MXFR-HS	2.90 lbs	3"	✓	✓
3-4MXFR-HS	4.10 lbs	4"	✓	✓

For PHL Long Hook couplings and PHS Short Hook couplings. To order 45° elbow, add "-45" to part number.

REDUCERS AND END TEES FOR SHORT HOOK COUPLERS

SHORT HOOK FIELD REDUCERS — MALE BY FEMALE



Part #	Part Weight	Part Size
4-3-2FC-HS	2.20 lbs	3" M x 2" F
4-4-3FC-HS	3.30 lbs	4" M x 3" F
4-4-2FC-HS	2.30 lbs	4" M x 2" F

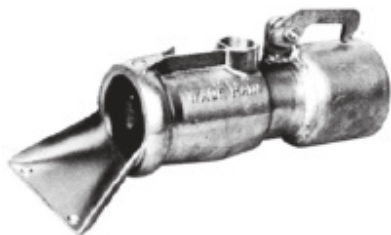
For PHS Short Hook couplings. Other sizes available upon request.

SHORT HOOK FABRICATED END TEES



Part # ① ② ③	Part Weight
2Fx2Fx2M-HS	2.70 lbs
2Fx2Fx3M-HS	2.90 lbs
3Fx3Fx3M-HS	4.10 lbs

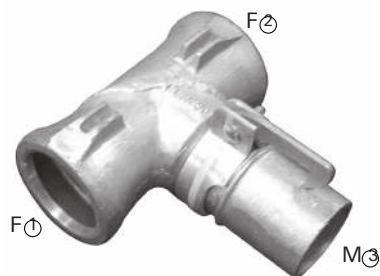
For PHS Short Hook couplings. Other sizes available upon request.



REDUCERS AND END TEES FOR LONG HOOK COUPLERS LONG HOOK FIELD REDUCERS — MALE BY FEMALE

Part #	Part Weight	Part Size
4-3-2FC-HL	2.40 lbs	3" M x 2" F
4-4-3FC-HL	3.40 lbs	4" M x 3" F
4-5-4FC-HL	4.30 lbs	5" M x 4" F

For PHL Long Hook couplings. Other sizes available upon request.



LONG HOOK FABRICATED END TEES

Part # ① ② ③	Part Weight
2Fx2Fx2M-HL	2.60 lbs
3Fx3Fx3M-HL	3.90 lbs
3Fx3Fx4M-HL	5.80 lbs
4Fx4Fx4M-HL	7.00 lbs

For use with PHL Long Hook couplings. Other sizes available upon request.



Installs on section of lateral to provide sprinkler outlet.

STEEL CENTER RISER - 1" FIPT OUTLET

Press-on available — See Steel Section

Part #	Part Weight	Part Size
SCR 300	3.00 lbs	3"
SCR 400	4.00 lbs	4"
202885	0.10 lbs	O RING

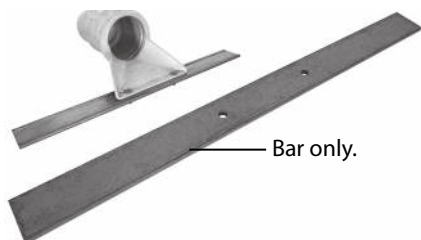
Includes stabilizer foot. 5" and larger see mainline section.



STEEL PRESS-IN CENTER OUTLET

Part #	Part Weight
PCR 300 B	3.50 lbs
PCR 400 B	4.00 lbs

Idaho foot style. Reinforcing bridge standard. Presses into aluminum tubing sections to provide sprinkler outlet.



ALUMINUM STABILIZER BAR FOR COUPLERS

Part #	Part Weight	Part Size
9648	10.00 oz	2"
9649	10.00 oz	3"
9650	10.00 oz	4"

Aluminum flat bar, 18" length, for mounting to coupler apron (nuts and bolts included).

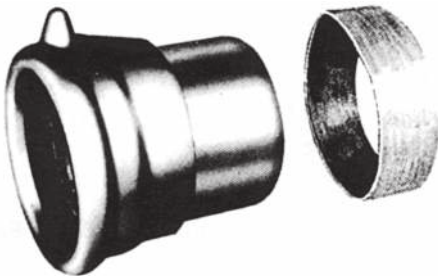


Part #	Part Size
1-4MP w/8-4UCX	2"
1-5MP w/8-5UDX	3"
1-6MP w/8-6UDX	4"
1-5MP-HT w/8-5UDX	5"
1-6MP-HT w/8-6UDX	6"

Standard coupler set includes MP series press-in coupler with Mainline Slow Drain Gasket, aluminum reinforcing band, ring and latch with nuts and bolts.

Other gaskets available, see Parts Section. Optional HT series is rated for 150 PSI maximum operating pressure. (Double reinforcing bands standard on HT series only.)

COUPLER ONLY WITH GASKET AND REINFORCING BAND



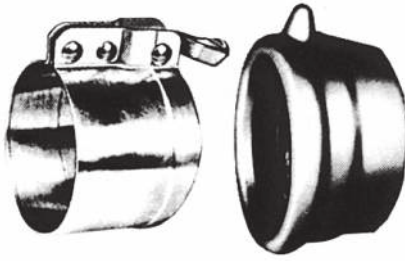
Part #	Part Weight	Part Size
1-4MP	2.40 lbs	4"
1-5MP	2.80 lbs	5"
1-6MP	3.40 lbs	6"
1-5MP-HT	2.80 lbs	5"
1-6MP-HT	3.40 lbs	6"

RING AND LATCH WITH NUTS AND BOLTS FOR KNOB SERIES MAINLINE



Part #	Part Weight	Part Size
8-4UCX	1.00 lbs	4"
8-5UDX	1.60 lbs	5"
8-6UDX	1.80 lbs	6"
8-7SE	5.10 lbs	7"
8-8SF	5.90 lbs	8"

Pressure Limit: 7" and 8" ring and latch listed above are limited to 75 psi maximum operating pressure. Use weld-on male ends for operating pressures between 75 psi and 125 psi on 7" and 8" Mainline fittings.



MAINLINE WELD-ON ALUMINUM COUPLER SETS

KNOB STYLE SET

Part # **Part Weight**

1-4-1WO w/8-4UCX	2.80 lbs
1-5WO w/8-5UDX	3.20 lbs
1-6WO w/8-6UDX	3.90 lbs

Note: 4" size only has entrance apron and 1" outlet

Complete coupler set includes weld-on female coupler with Mainline Slow Drain gasket and bolt-on knob style ring and latch.



WELD-ON COUPLERS ONLY

Part # **Part Weight** **Part Size**

1-4-1WO	1.80 lbs	1" Outlet
1-5-1WO	2.10 lbs	1" Outlet
1-5WO	1.60 lbs	No Outlet
1-6WO	2.10 lbs	No Outlet

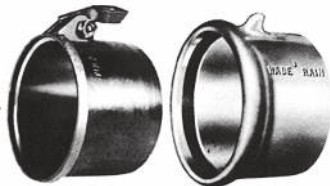
Rings & Latches-see previous page.



WELD-ON MALE END

Part # **Part Weight** **Part Size**

8-6WM	3.00 lbs	6"
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COUPLER SET

Part # **Part Weight** **Part Size**

1-7WO w/8-7 WM	6.00 lbs	7"
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COUPLER ONLY

Part # **Part Weight** **Part Size**

1-7WO	2.90 lbs	7"
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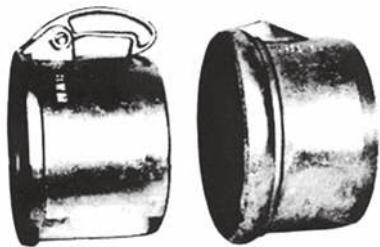
Complete coupler set includes coupler, gasket, weld-on male end with latch, nut and bolt. This hook style coupler is designed to work with knob style systems. All field tees, elbows and reducers will work in line in a knob style system.

MALE END

Part # **Part Weight** **Part Size**

8-7WM	3.10 lbs	7"
-------	----------	----

Complete coupler set includes coupler, gasket, weld-on male end with hook, nut and bolt. This hook style coupler is designed to work with knob style systems. All field tees, elbows and reducers will work in line in a knob style system.



HOOK STYLE SET

COUPLER SET

Part #	Part Weight	Part Size
1-8WO w/8-8WM	8.50 lbs	8"

COUPLER ONLY

Part #	Part Weight	Part Size
1-8WO	4.40 lbs	8"

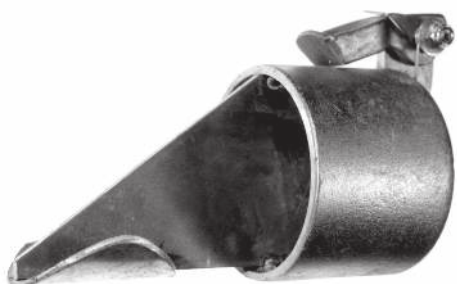
MALE END

Part #	Part Weight	Part Size
8-8WM	4.10 lbs	8"



MAINLINE END PLUGS WITH POSITIVE LATCHES

Part #	Part Weight	Part Size
5-4CX	1.80 lbs	4"
5-5DX	2.30 lbs	5"
5-6DX	3.00 lbs	6"



HIGH PRESSURE MAINLINE END PLUGS

Part #	Part Weight	Part Size
5-3H *	1.60 lbs	3"
5-4H *	2.50 lbs	4"
5-5H *	3.10 lbs	5"
5-6H *	3.80 lbs	6"
5-7H	7.60 lbs	7"
5-8H	10.50 lbs	8"

Note: Cannot be inserted directly into double end tee valves.

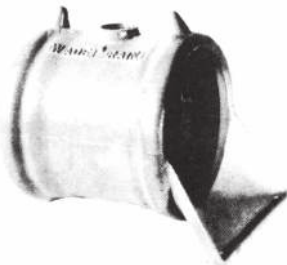
* **Have spring loaded latches.**



DOUBLE END MAINLINE ALUMINUM COUPLERS

Part #	Part Weight	Part Size
1-3MC	2.00 lbs	3"
1-4MC	2.20 lbs	4"
1-5MC	3.20 lbs	5"
1-6MC	3.90 lbs	6"
1-7MC	5.80 lbs	7"
1-8MC *	9.00 lbs	8"

*8" Coupler has Hook Fitting



DOUBLE END MAINLINE COUPLERS WITH 1" OUTLETS

Part #	Part Weight	Part Size
1-4-1C	2.30 lbs	4"
1-5-1C	3.50 lbs	5"
1-6-1C	4.10 lbs	6"

Use standard ring and latch or weld-on male ends, not included in price of coupler.

MAINLINE KNOB COUPLER FIELD FITTINGS

REVERSIBLE FIELD TEES—MALE BY FEMALE

Part #	Part Weight	Part Size
2-4MXFR	5.00 lbs	4"
2-5MXFR	11.90 lbs	5"
2-6MXFR	14.00 lbs	6"



STANDARD FIELD TEES—FEMALE BY FEMALE BY FEMALE

Part #	Part Weight	Part Size
2-4FC	4.20 lbs	4"
2-5FC	6.60 lbs	5"
2-6FC	9.10 lbs	6"



REVERSIBLE FIELD ELBOWS 90°— MALE BY FEMALE

Part #	Part Weight	Part Size	45°	90°
3-4MXFR	4.10 lbs	4"	✓	✓
3-5MXFR	6.90 lbs	5"	✓	✓
3-6MXFR	9.10 lbs	6"	✓	✓



To order 45° elbows, add "45°" to part number.



HIGH PRESSURE REVERSIBLE FIELD ELBOWS 90° MALE BY FEMALE

Part #	Part Weight	Part Size	45°	90°
3-5MXFRHP	6.90 lbs	5"	✓	✓
3-6MXFRHP	9.10 lbs	6"	✓	✓

Standard 5" and 6" elbow castings that have a 3-1/2" extension welded into the male end. This extension slides inside of the press neck on 5" and 6" mainline fittings and keeps the elbow from raising up under high pressure.
To order 45° elbows, add "45°" to part number.



FIELD ELBOWS 90°— FEMALE BY FEMALE

Part #	Part Weight	Part Size	45°	90°
3-4FC	3.10 lbs	4"	✓	✓
3-5FC	5.10 lbs	5"	✓	✓
3-6FC	7.50 lbs	6"	✓	✓
3-8FC	11.00 lbs	8"	✓	✓

(No 1" outlet)

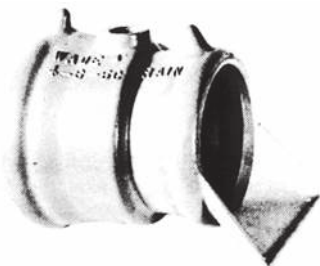
To order 45° elbows, add "45°" to part number.
No 1" outlet on 45° elbow.



FIELD REDUCERS— MALE BY FEMALE

Part #	Part Weight	Part Size
4-5-3FC (1" Outlet)	3.30 lbs	5" M x 3" F
4-5-4FC	2.80 lbs	5" M x 4" F
4-6-4FC (1" Outlet)	4.80 lbs	6" M x 4" F
4-6-5FC	4.90 lbs	6" M x 5" F
4-7-6FC	6.10 lbs	7" M x 6" F
4-8-6FC	7.50 lbs	8" M x 6" F
4-8-7FC	7.40 lbs	8" M x 7" F

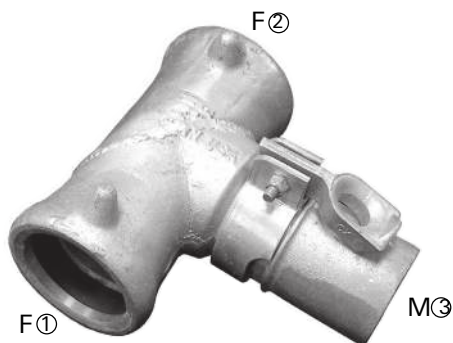
Other sizes available upon request.



FIELD REDUCERS — FEMALE BY FEMALE

Part #	Part Weight	Part Size
4-5-4C	3.80 lbs	5" x 4"
4-6-4C (No 1" outlet)	4.20 lbs	6" x 4"
4-6-5C (No 1" outlet)	5.20 lbs	6" x 5"
4-7-6C (No 1" outlet)	5.60 lbs	7" x 6"
4-8-7C (No 1" outlet)	8.20 lbs	8" x 7"

Other sizes available upon request.



FABRICATED END TEES

Part # ① ② ③	Part Weight
4Fx4Fx5M	7.30 lbs
4Fx4Fx6M	8.60 lbs
5Fx5Fx5M	7.30 lbs
5Fx5Fx6M	7.70 lbs
6Fx6Fx6M	8.80 lbs
6Fx6Fx8M	14.50 lbs
7Fx7Fx7M	12.50 lbs
8Fx8Fx8M	19.00 lbs

In-line Tees and other sizes available upon request.



BOLT-ON REPAIR COUPLERS

Part #	Part Weight	Part Size
1-4-1S	2.50 lbs	4"
1-5-1S	3.90 lbs	5"
1-6-1S	5.70 lbs	6"

*Coupler includes gasket and clamp with nuts and bolts.
One-inch riser outlet standard.*



MAINLINE RING LOCK ALUMINUM COUPLER SET

Part #	Part Size
1-6R	6"
1-8R	8"
1-10R	10"

Complete coupler set includes weld-on coupler with Mainline Slow Drain gasket, ring lock and weld-on male end. Other gaskets available.



WELD-ON FEMALE END ONLY WITH GASKET

Part #	Part Weight	Part Size
1-6RF	2.40 lbs	6"
1-8RF	2.90 lbs	8"
1-10RF	4.10 lbs	10"



WELD-ON MALE END ONLY

Part #	Part Weight	Part Size
1-6RM	1.30 lbs	6"
1-8RM	2.00 lbs	8"
1-10RM	3.70 lbs	10"



RING LOCK CLAMP ONLY

Part #	Part Weight	Part Size
1-6RL	2.20 lbs	6"
1-8RL	2.60 lbs	8"
1-10RL	3.30 lbs	10"

For use with 6-8-10" ring lock couplers, tees, elbows, reducers and valves.



MAINLINE RING LOCK ALUMINUM FIELD FITTINGS

RING LOCK FIELD ELBOW 90° — MALE BY FEMALE

Part #	Part Weight	Part Size	45°	90°
3-6R	15.00 lbs	6"	✓	✓
3-8R	18.50 lbs	8"	✓	✓
3-10R	26.00 lbs	10"	✓	✓

To order 45° elbows add " 45" to part number.

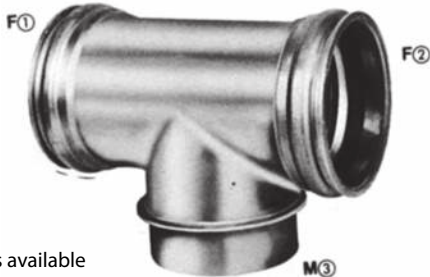
Ring Locks not included.



RING LOCK REDUCERS — MALE BY FEMALE

Part #	Part Weight	Part Size
4-8-6R	5.40 lbs	8" x 6"
4-10-8R	6.60 lbs	10" x 8"

Ring Locks not included.



RING LOCK FABRICATED END TEES

Part # ① ② ③	Part Weight	Part Size
6Fx6Fx6M-R	9.70 lbs	6"
8Fx8Fx8M-R	11.50 lbs	8"
10Fx10Fx10M-R	13.00 lbs	10"

Ring Locks not included. Line tees available - consult factory.

Line tees available
same price - consult factory.



RING LOCK END PLUGS

Part #	Part Weight	Part Size
5-6R	1.90 lbs	6"
5-8R	2.80 lbs	8"
5-10R	3.20 lbs	10"

Ring Locks not included.



CENTER RISER OUTLET

Part #	Part Weight	Part Size
13-5	2.30 lbs	5"
13-6	2.70 lbs	6"
13-8	3.50 lbs	8"

4" and smaller, see page 10 in Hand-Move/Solid-Set Section.

Includes single 1" outlet Clamp set, "O" ring gasket and four nuts and bolts.



STANDARD 4" ⬆ "P" SERIES ALUMINUM HYDRANT OUTWARD OPENING (⬆)

4" ⬆ HYDRANT WITH 3" FEMALE THREAD

Part #	Part Weight	Valve Part Size	Thread Size
--------	-------------	-----------------	-------------

7-4PT	3.20 lbs	4" ⬆	3" F
7-4PF	5.00 lbs	4" ⬆	4" F

For use with buried Mainline and threaded Male Riser. Inlet side is threaded standard female pipe size.



4" ⬆ PRESS-IN HYDRANT

Part #	Part Weight	Valve Part Size	Press Size
--------	-------------	-----------------	------------

7-4P	3.20 lbs	4" ⬆	4" F
------	----------	------	------

Factory charge for pressing hydrant into riser -- consult the factory.
Hydrant may be pressed into 12 gauge or 14 gauge steel risers for welding into buried steel Mainline.



ALUMINUM THREAD ADAPTER

Part #	Part Weight	Thread Size
--------	-------------	-------------

7-4FA	1.40 lbs	4" F
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Adapter may be welded to 7-4 P, 7-4 PT, 7-4 U or 7-4 UT hydrant to convert hydrant to 4" female iron pipe thread on inlet side.

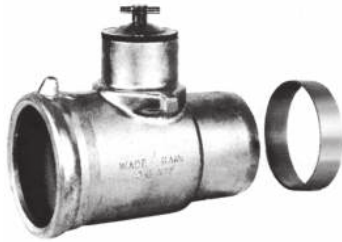


STAMPED ALUMINUM SADDLE VALVE ADAPTER

Part #	Part Weight	Part Size
--------	-------------	-----------

SVA 542	0.50 lbs	5"
SVA 642	0.50 lbs	6"
SVA 742	0.50 lbs	7"
SVA 842	0.50 lbs	8"
SVA 1042	0.50 lbs	10"

For 4" riser valves only.
Used in welding riser valves to aluminum mainline.
Additional options available - see Fabrication section.



STANDARD 4"↑ ALUMINUM TEE VALVES OUTWARD OPENING (↑)

PRESS-IN SERIES MAINLINE TEE VALVES

Part #	Part Weight	Tubing Part Size	Valve Part Size
2-3-4P (No press band)	4.10 lbs	3"	4" ↑
2-4-4P (No press band)	5.10 lbs	4"	4" ↑
2-5-4P	6.60 lbs	5"	4" ↑
2-6-4P	7.80 lbs	6"	4" ↑

For use with standard Knob style Mainline couplers. Includes aluminum reinforcing band and Mainline Slow Drain gasket.

MALE X FEMALE MAINLINE TEE VALVES

Part #	Part Weight	Tubing Part Size	Valve Part Size
2-3-4MXF-O (fabricated)	5.20 lbs	3"	4" ↑
2-4-4MXF-O (fabricated)	7.00 lbs	4"	4" ↑
2-5-4MXF-O (fabricated)	9.50 lbs	5"	4" ↑
2-6-4MXF-O (cast)	11.50 lbs	6"	4" ↑

WELD-ON SERIES ALUMINUM MAINLINE TEE VALVES

Part #	Part Weight	Tubing Part Size	Valve Part Size
2-7-4WO	7.80 lbs	7"	4" ↑
2-8-4WO	9.20 lbs	8"	4" ↑
2-10-4WO	9.50 lbs	10"	4" ↑

2-7-4WO - Uses Knob Style 8-7WM Weld-On male end.
See Mainline coupler section.

2-8-4WO - Uses Hook Style 8-8WM Weld-On male end.
See Mainline coupler section.

2-10-4WO - See 1-10R Ring lock coupler in Mainline section
for male end and Ring lock Band.

For use with standard Mainline couplers. Includes Mainline Slow Drain gasket. Refer to Parts section for optional gaskets.



2-7-4WO



2-8-4WO



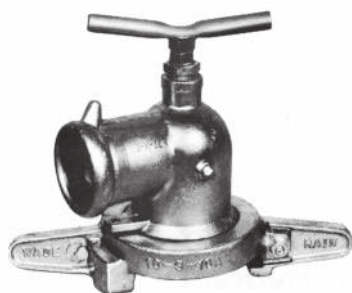
2-10-4WO

VALVE OPENERS FOR 4" ⬆ "P" SERIES HYDRANTS AND TEES KNOB STYLE LATERAL OUTWARD OPENING (⬆)

VALVE OPENING ELBOWS

Part #	Part Weight	Lateral Size	Valve Size
--------	-------------	--------------	------------

3-6-2EH	8.80 lbs	2"	4" ⬆
3-6-3EH	8.60 lbs	3"	4" ⬆
3-6-4EH	9.40 lbs	4"	4" ⬆
3-6-5EH	10.20 lbs	5"	4" ⬆
3-6-6EH	11.30 lbs	6"	4" ⬆



VALVE OPENING TEES

Part #	Part Weight	Lateral Size	Valve Size
--------	-------------	--------------	------------

6-5-2EH	9.00 lbs	2"	4" ⬆
6-5-3EH	9.00 lbs	3"	4" ⬆
6-5-4EH	10.80 lbs	4"	4" ⬆
6-5-5EH	12.00 lbs	5"	4" ⬆



Valve opener comes complete with locking lever, "L" gaskets at outlet, "F" gasket at base. Use with outward opening Mainline valves and Knob series lateral line.

VALVE OPENERS FOR 4" ⬆ "P" SERIES HYDRANTS AND TEES HOOK STYLE LATERAL OUTWARD OPENING (⬆)

VALVE OPENING ELBOWS

Part #	Part Weight	Lateral Size	Valve Size
--------	-------------	--------------	------------

3-6-2EHPH	9.00 lbs	2"	4" ⬆
3-6-3EHPH	9.20 lbs	3"	4" ⬆
3-6-4EHPH	9.30 lbs	4"	4" ⬆



VALVE OPENING TEES

Part #	Part Weight	Lateral Size	Valve Size
--------	-------------	--------------	------------

6-5-2EHPH	10.40 lbs	2"	4" ⬆
6-5-3EHPH	10.40 lbs	3"	4" ⬆
6-5-4EHPH	10.60 lbs	4"	4" ⬆



Valve openers come with locking lever, "L" gaskets at outlet, "F" gasket at base. For use with outward opening Mainline valves and Hook Style lateral.



RING LOCK 4" $\uparrow$ ALUMINUM HYDRANT OUTWARD OPENING ($\uparrow$)

4" $\uparrow$ RING LOCK HYDRANT WITH FEMALE THREAD

Part #	Part Weight	Thread Size	Valve Size
--------	-------------	-------------	------------

7-4UT	3.50 lbs	3"	4" $\uparrow$
7-4UF	4.20 lbs	4"	4" $\uparrow$

Hydrant is for use with threaded male riser.



4" $\uparrow$ RING LOCK PRESS-IN HYDRANT

Part #	Part Weight	Press Size	Valve Size
--------	-------------	------------	------------

7-4U	3.40 lbs	4"	4" $\uparrow$
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Hydrant may be pressed into 12 gauge or 14 gauge steel risers for welding to steel Mainline.

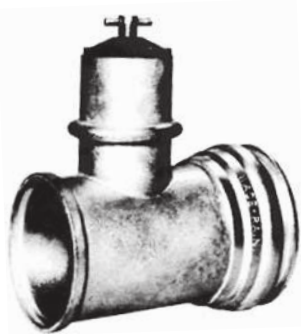


4" $\uparrow$ RING LOCK HYDRANT WITH CAST-ON SADDLE FOR ALUMINUM TUBE

Part #	Part Weight	Tubing Size	Valve Size
--------	-------------	-------------	------------

7-4-6US	3.00 lbs	6"	4" $\uparrow$
7-4-8US	3.00 lbs	8"	4" $\uparrow$
7-4-10US	3.00 lbs	10"	4" $\uparrow$

Hydrant designed for welding onto O. D. sized aluminum tubing in sizes shown.



RING-LOCK TEE VALVES (WELD-ON)

Part #	Part Weight	Tubing Size	Valve Size
--------	-------------	-------------	------------

2-6-4RU	7.00 lbs	6"	4" $\uparrow$
2-8-4RU	8.90 lbs	8"	4" $\uparrow$
2-10-4RU	9.20 lbs	10"	4" $\uparrow$

Male ends or ring-locks not included in pricing.

Outward opening ($\uparrow$)

For use with Universal type valve openers.



RING-LOCK IN-LINE TEE VALVES

MALE BY FEMALE RING-LOCK

Part #	Part Weight	Tubing Size	Valve Size
--------	-------------	-------------	------------

2-6-4MXFRU	8.00 lbs	6"	4" $\uparrow$
2-8-4MXFRU	9.50 lbs	8"	4" $\uparrow$
2-10-4MXFRU	11.00 lbs	10"	4" $\uparrow$

Ring-locks not included in pricing.

For use with Universal type valve openers.

VALVE OPENERS FOR RING LOCK 4" HYDRANTS AND TEES WITH BRASS VALVE STEM AND FORK

VALVE OPENING ELBOWS — KNOB STYLE LATERAL



3-6-3U

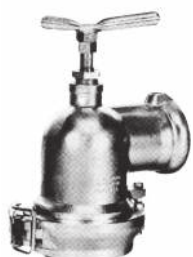
Part #	Part Weight	Lateral Size	Valve Size
3-6-2U	7.00 lbs	2"	4" ⬆
3-6-3U *	7.10 lbs	3"	4" ⬆
3-6-4U *	7.40 lbs	4"	4" ⬆
3-6-5U	10.20 lbs	5"	4" ⬆
3-6-6U	11.30 lbs	6"	4" ⬆



6-5-3U

VALVE OPENING TEES — KNOB STYLE LATERAL

Part #	Part Weight	Lateral Size	Valve Size
6-5-2U	7.10 lbs	2"	4" ⬆
6-5-3U	7.40 lbs	3"	4" ⬆
6-5-4U	7.70 lbs	4"	4" ⬆



3-6-3UEH

VALVE OPENING ELBOWS — HOOK STYLE LATERAL

Part #	Part Weight	Lateral Size	Valve Size
3-6-2UEH	7.10 lbs	2"	4" ⬆
3-6-3UEH *	7.40 lbs	3"	4" ⬆
3-6-4UEH	7.70 lbs	4"	4" ⬆



6-5-3UEH

VALVE OPENING TEES — HOOK STYLE LATERAL

Part #	Part Weight	Lateral Size	Valve Size
6-5-2UEH	9.00 lbs	2"	4" ⬆
6-5-3UEH	9.50 lbs	3"	4" ⬆
6-5-4UEH	10.80 lbs	4"	4" ⬆

For use with "Universal" style Hydrants and Tees.

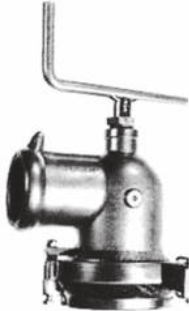
"L" Gasket at outlet, "F" Gasket at base.

*Universal Locking Lever is attached to these fittings only.

VALVE OPENERS FOR RING LOCK 4" HYDRANTS AND TEES WITH CRANK HANDLE, STEEL VALVE STEM AND FORK

VALVE OPENING ELBOWS — KNOB STYLE LATERAL

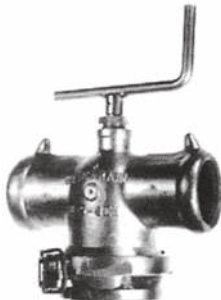
Part #	Part Weight	Lateral Size	Valve Size
3-6-2US	7.00 lbs	2"	4" ⬆
3-6-3US	7.10 lbs	3"	4" ⬆
3-6-4US	7.40 lbs	4"	4" ⬆
3-6-5US	10.20 lbs	5"	4" ⬆
3-6-6US	11.30 lbs	6"	4" ⬆



3-6-3US

VALVE OPENING ELBOWS — KNOB STYLE LATERAL

Part #	Part Weight	Lateral Size	Valve Size
6-5-2US	7.00 lbs	2"	4" ⬆
6-5-3US	7.10 lbs	3"	4" ⬆
6-5-4US	7.40 lbs	4"	4" ⬆



6-5-3US

VALVE OPENING ELBOWS — HOOK STYLE LATERAL

Part #	Part Weight	Lateral Size	Valve Size
3-6-2UEHS	7.10 lbs	2"	4" ⬆
3-6-3UEHS	7.40 lbs	3"	4" ⬆
3-6-4UEHS	7.70 lbs	4"	4" ⬆



3-6-3UEHS

VALVE OPENING TEES — HOOK STYLE LATERAL

Part #	Part Weight	Lateral Size	Valve Size
6-5-2UEHS	9.00 lbs	2"	4" ⬆
6-5-3UEHS	9.50 lbs	3"	4" ⬆
6-5-4UEHS	10.80 lbs	4"	4" ⬆



6-5-3UEHS

For use with "Universal" style hydrants and tees.
"L" gasket at outlet, "F" gasket at base.

*Universal locking lever is attached to these fittings only.

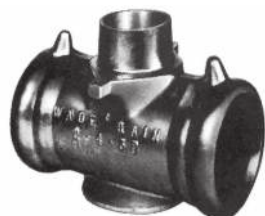


STANDARD 3" ↓ ALUMINUM TEE VALVES AND HYDRANTS INWARD OPENING (↓)

3" ↓ HYDRANT WITH FEMALE THREAD

Part #	Part Weight	Thread Size	Valve Size
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7-3D	4.60 lbs	3"	3" ↓
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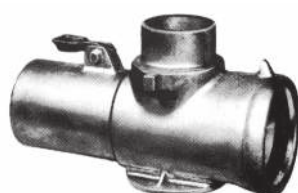
STANDARD 3" TEE VALVES

Part #	Part Weight	Tubing Size	Valve Size
--------	-------------	-------------	------------

2-3-3D	4.60 lbs	3"	3" ↓
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2-4-3D	7.10 lbs	4"	3" ↓
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Double female tees.



STANDARD 3" TEE VALVES

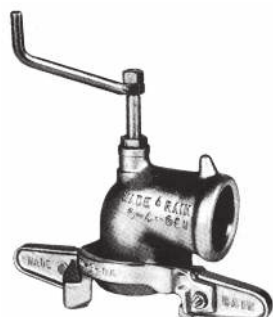
Part #	Part Weight	Tubing Size	Valve Size
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2-3-3MXF	5.30 lbs	3"	3" ↓
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2-4-3MXF	6.10 lbs	4"	3" ↓
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Double female tees use knob style ring and latch.

See Handmove / Solid Set section.



3-4-3E

VALVE OPENERS FOR 3" ↓ HYDRANTS AND TEES INWARD OPENING (↓)

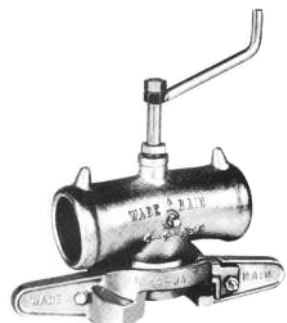
VALVE OPENING ELBOWS

Part #	Part Weight	Lateral Size	Valve Size
--------	-------------	--------------	------------

3-4-2E	7.90 lbs	2"	3" ↓
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3-4-3E	8.00 lbs	3"	3" ↓
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3-4-4E	8.40 lbs	4"	3" ↓
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6-3-3E

VALVE OPENING TEES

Part #	Part Weight	Lateral Size	Valve Size
--------	-------------	--------------	------------

6-3-2E	7.10 lbs	2"	3" ↓
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6-3-3E	9.00 lbs	3"	3" ↓
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Valve opener comes complete with locking lever and gaskets.
For use with inward opening Mainline valves and Knob series
lateral line. "L" gasket at outlet, "F" gasket at base.

Consult the factory for hook style openers.



STANDARD 4" ↓ ALUMINUM TEE VALVES AND HYDRANTS INWARD OPENING (↓)

4" ↓ HYDRANT WITH FEMALE THREAD

Part #	Part Weight	Thread Size	Valve Size
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7-4D	6.80 lbs	4" FIPT	4" ↓
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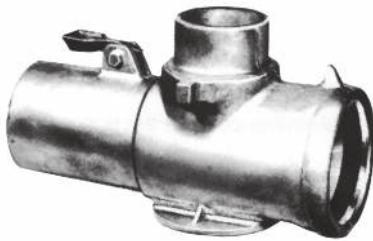
STANDARD 4" TEE VALVES

Part #	Part Weight	Tubing Size	Valve Size
--------	-------------	-------------	------------

2-5-4D	8.90 lbs	5"	4" ↓
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2-6-4D	11.70 lbs	6"	4" ↓
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Double female tees.



MALE BY FEMALE TEES

Part #	Part Weight	Tubing Size	Valve Size
--------	-------------	-------------	------------

2-5-4MXF	10.10 lbs	5"	4" ↓
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2-6-4MXF	12.00 lbs	6"	4" ↓
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Use Knob Style Ring and Latch. See Mainline coupler section.

VALVE OPENERS FOR 4" ↓ HYDRANTS AND TEES INWARD OPENING (↓)

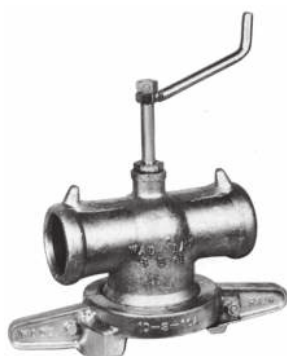
VALVE OPENING ELBOWS



Part #	Part Weight	Lateral Size	Valve Size
3-6-2E	8.00 lbs	2"	4" ↓
3-6-3E	9.00 lbs	3"	4" ↓
3-6-4E	10.50 lbs	4"	4" ↓
3-6-5E	9.50 lbs	5"	4" ↓
3-6-6E	12.60 lbs	6"	4" ↓

Valve opener comes complete with locking lever and gaskets.
For use with inward opening Mainline valves and Knob series lateral line.
"L" gaskets at outlet, "F" gaskets at base.

VALVE OPENING TEES



Part #	Part Weight	Lateral Size	Valve Size
6-5-2E	11.40 lbs	2"	4" ↓
6-5-3E	11.70 lbs	3"	4" ↓
6-5-4E	11.70 lbs	4"	4" ↓
6-5-5E	12.00 lbs	5"	4" ↓

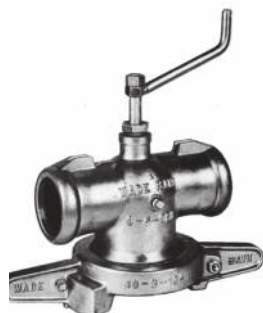
Valve opener comes complete with locking lever and gaskets.
For use with inward opening Mainline valves and Knob series lateral line.
"L" gaskets at outlet, "F" gaskets at base.

VALVE OPENING ELBOWS AND TEES FOR 4" VALVES WITH HOOK STYLE LATERAL VALVE OPENING ELBOWS



Part #	Part Weight	Lateral Size	Valve Size
3-6-2EPH	8.00 lbs	2"	4" ↓
3-6-3EPH	9.00 lbs	3"	4" ↓
3-6-4EPH	10.50 lbs	4"	4" ↓

VALVE OPENING TEES



Part #	Part Weight	Lateral Size	Valve Size
6-5-2EPH	11.40 lbs	2"	4" ↓
6-5-3EPH	11.70 lbs	3"	4" ↓
6-5-4EPH	11.70 lbs	4"	4" ↓



6" ↓ ALUMINUM TEE VALVES AND HYDRANTS INWARD OPENING (↓)

6" ↓ HYDRANT WITH FEMALE THREAD

Part #	Part Weight	Thread Size	Valve Size
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7-6D	8.00 lbs	6" F	6" ↓
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6" TEE VALVES — DOUBLE END FEMALE

Part #	Part Weight	Tubing Size	Valve Size
--------	-------------	-------------	------------

2-6-6DS	14.50 lbs	6"	6" ↓
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2-7-6DS	15.50 lbs	7"	6" ↓
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2-8-6DS	19.90 lbs	8"	6" ↓
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6" TEE VALVE — MALE X FEMALE

Part #	Part Weight	Tubing Size	Valve Size
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2-6-6MXF	15.00 lbs	6"	6" ↓
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VALVE OPENERS FOR 6" ↓ HYDRANTS AND TEES INWARD OPENING (↓)

VALVE OPENING ELBOWS

Part #	Part Weight	Lateral Size	Valve Size
--------	-------------	--------------	------------

3-6-3ES	15.00 lbs	3"	6" ↓
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3-6-4ES	15.40 lbs	4"	6" ↓
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3-6-5ES	16.60 lbs	5"	6" ↓
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3-6-6ES	16.80 lbs	6"	6" ↓
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3-6-7ES	17.40 lbs	7"	6" ↓
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"M" Gasket at outlet and base.

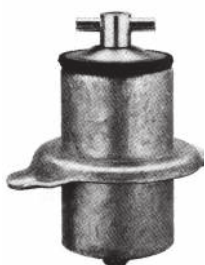
VALVE OPENING TEES

Part #	Part Weight	Lateral Size	Valve Size
--------	-------------	--------------	------------

6-6-5ES	11.90 lbs	5"	6" ↓
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6-6-6ES	17.10 lbs	6"	6" ↓
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3" FORMED STEEL HYDRANTS OUTWARD OPENING (↑)

GALVANIZED HYDRANT STUB

Part #	Part Weight	Part Size	Style
7-3S	2.50 lbs	3"	Press
7-3SF	4.20 lbs	3"	FIPT

VALVE OPENERS FOR 3" HYDRANTS OUTWARD OPENING (↑)

VALVE OPENING ELBOWS - KNOB STYLE



Part #	Part Weight	Lateral Size	Valve Size
3-4-2EH	6.40 lbs	2"	3" ↑
3-4-3EH	7.50 lbs	3"	3" ↑
3-4-4EH	8.00 lbs	4"	3" ↑



VALVE OPENING TEES - KNOB STYLE

Part #	Part Weight	Lateral Size	Valve Size
6-3-2EH	7.70 lbs	2"	3" ↑
6-3-3EH	8.00 lbs	3"	3" ↑



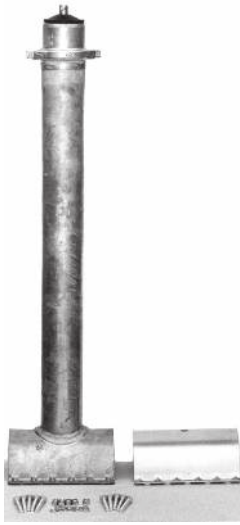
VALVE OPENING ELBOW - HOOK STYLE

Part #	Part Weight	Lateral Size	Valve Size
3-4-2EHPH	6.40 lbs	2"	3" ↑
3-4-3EHPH	7.50 lbs	3"	3" ↑



VALVE OPENING TEES - HOOK STYLE

Part #	Part Weight	Lateral Size	Valve Size
6-3-2EHPH	7.70 lbs	2"	3" ↑
6-3-3EHPH	8.00 lbs	3"	3" ↑



GALVANIZED STEEL SADDLE RISER VALVE ASSEMBLIES WITH ALUMINUM HYDRANT.

***STANDARD 4" SADDLE RISER WITH 4" "P" SERIES HYDRANT
INSTALLED (36" RISER HEIGHT)***

Part #	Part Weight	Saddle Size
7-436-5P	22.50 lbs	5"
7-436-6P	25.00 lbs	6"
7-436-8P	27.00 lbs	8"
7-436-10P	29.50 lbs	10"
7-436-12P	31.80 lbs	12"

For use with PVC underground pipe. Complete with gasket and fasteners.



UNIVERSAL 4" SADDLE RISER WITH 4" "U" SERIES HYDRANT VALVE INSTALLED (36" RISER HEIGHT)*

Part #	Part Weight	Saddle Size
7-436-5U	22.50 lbs	5"
7-436-6U	25.00 lbs	6"
7-436-8U	27.00 lbs	8"
7-436-10U	29.50 lbs	10"
7-436-12U	31.80 lbs	12"

Note: 6" pipe size uses 3-3/4" hole saw. 8" - 12" sizes use 4" hole saw.

Other riser heights available, consult factory.

See Epoxy Underground section for additional saddle and riser options.

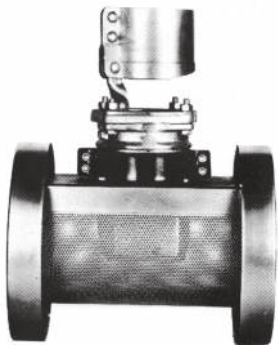
PUMP ACCESSORIES



CAST ALUMINUM FOOT VALVES

Part #	Part Weight	Part Size
9-13C	5.30 lbs	3"
9-14C	8.90 lbs	4"
9-15C	13.60 lbs	5"
9-16C	13.40 lbs	6"
9-18C (45°)	31.50 lbs	8"

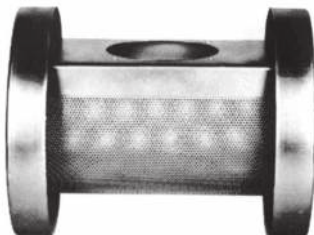
Foot valves have dresser type connection for use with O. D. tubing only. Complete assembly includes slotted strainer and safety ring and link for connection to suction tube.



CAST ALUMINUM FOOT VALVES WITH LARGE AREA STEEL STRAINER

Part #	Part Weight	Part Size (Foot Valve)	Strainer Length
9-43-3"	25.40 lbs	3"	18"
9-43-4"	29.10 lbs	4"	18"
9-43-5"	35.30 lbs	5"	24"
9-43-6"	35.10 lbs	6"	24"

Complete foot valve assembly with large area steel strainer for connection to O. D. tubing. Includes dresser type connection with safety ring and link. 8" diameter foot valve will NOT fit this strainer series.



BARE STRAINER ONLY

Part #	Part Weight	Part Size (Length)	Total Open Area
9-40-18	17.00 lbs	18"	158 in ²
9-40-24	19.00 lbs	24"	202 in ²
9-40-48	28.00 lbs	48"	373 in ²

All strainers have 8" diameter opening to accommodate 3" through 6" foot valve sizes. Strainers must be ordered with adapters for connection to iron pipe, O. D. tube or existing foot valves.

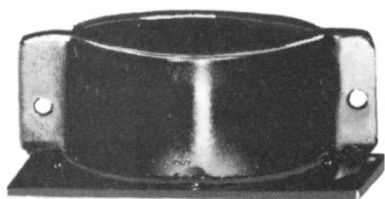
NOTE: 48" strainer has no bolt holes for adapter.



IRON PIPE STRAINER ADAPTER FOR 9-40 STRAINER FEMALE THREAD

Part #	Part Weight	Part Size
9-40-1-3	3.60 lbs	3"
9-40-1-4	4.00 lbs	4"
9-40-1-5	5.60 lbs	5"
9-40-1-6	8.50 lbs	6"
9-40-1-8 (welded) *	10.30 lbs	8"

* 8" adapter must be welded to strainer rather than bolted.



O.D. TUBE ADAPTER FOR 9-40 STRAINER

Part #	Part Weight	Part Size
9-40-2-3	3.10 lbs	3"
9-40-2-4	3.10 lbs	4"
9-40-2-5	3.00 lbs	5"
9-40-2-6	3.00 lbs	6"
9-40-2-8 (welded)	4.40 lbs	8"

Use to adapt bare tube only to strainer.

* 8" adapter must be welded to strainer rather than bolted.

< "A" >



ADAPTER FOR CONNECTION 9-40 STRAINER TO FOOT VALVE

Part #	Part Weight	Part Size	Diameter "A"
9-40-3-3	3.10 lbs	3"	4 ⁷ / ₈ "
9-40-3-4	3.70 lbs	4"	5 ⁷ / ₈ "
9-40-3-5	4.90 lbs	5"	6 ⁷ / ₈ "
9-40-3-6	5.80 lbs	6"	6 ⁷ / ₈ "

8" foot valve will NOT fit in 9-40 strainer. Consult factory for additional options.



BARE FOOT VALVE FOR 9-40 STRAINER

Part #	Part Weight	Part Size
9-40-4-3	4.80 lbs	3"
9-40-4-4	7.90 lbs	4"
9-40-4-5	12.30 lbs	5"
9-40-4-6	12.10 lbs	6"

PUMP ACCESSORIES



CAST ALUMINUM DIAPHRAGM PRIMING PUMP

Part #	Part Weight	Part Size
--------	-------------	-----------

9-30	8.10 lbs	1" Inlet
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*Priming pump has approximate 100 cubic inch displacement per stroke.
Fitted with 1" male thread for connection.*

CAST ALUMINUM COUPLINGS FOR DRESSER TYPE CONNECTIONS

Part #	Part Weight	Part Size
--------	-------------	-----------

SFC-2	2.50 lbs	2"
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SFC-3	3.10 lbs	3"
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SFC-4	3.70 lbs	4"
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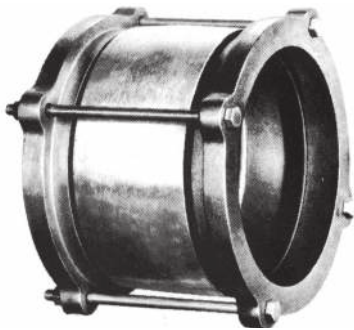
SFC-5	4.90 lbs	5"
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SFC-6	5.80 lbs	6"
-------	----------	----

SFC-8	7.00 lbs	8"
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SFC-10	9.90 lbs	10"
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For suction line and operating pressures to 30 PSI.



CAST ALUMINUM SUCTION ELBOW - 45° & 90°

Suction elbow for dresser type connection includes gaskets, nuts and bolts. Elbows are limited to 30 PSI operating pressure.

90° ELBOW

Part #	Part Weight	Part Size
--------	-------------	-----------

3-2C	4.00 lbs	2"
------	----------	----

3-3C	5.30 lbs	3"
------	----------	----

3-4C	7.10 lbs	4"
------	----------	----

3-5C	9.50 lbs	5"
------	----------	----

3-6C	11.50 lbs	6"
------	-----------	----

3-8C	13.50 lbs	8"
------	-----------	----

3-10C	19.40 lbs	10"
-------	-----------	-----

45° ELBOW

Part #	Part Weight	Part Size
--------	-------------	-----------

3-2C45°	4.00 lbs	2"
---------	----------	----

3-3C45°	5.30 lbs	3"
---------	----------	----

3-4C45°	7.10 lbs	4"
---------	----------	----

3-5C45°	9.50 lbs	5"
---------	----------	----

3-6C45°	11.50 lbs	6"
---------	-----------	----

3-8C45°	13.50 lbs	8"
---------	-----------	----

3-10C45°	19.40 lbs	10"
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ALUMINUM FOOT VALVE WITH STANDARD (45°) OD TUBING

Part #	Part Weight	Part Size
9-SFV2	5.00 lbs	2"
9-SFV3	7.50 lbs	3"
9-SFV4	10.50 lbs	4"
9-SFV5	15.50 lbs	5"
9-SFV6	18.00 lbs	6"
9-SFV8	31.50 lbs	8"
9-SFV10	46.00 lbs	10"

Combining an attachment coupling, 1 45° elbow, a foot valve and a strainer, this aluminum foot valve fulfills every requirement. A half inch female pipe thread is provided for drainage.

Made entirely of aluminum except for the bolts, rubber gaskets and valve flapper, this valve is light in weight yet sturdy and efficient.



ALUMINUM FOOT VALVE WITH STANDARD (45°) COMPANION FLANGE

Part #	Part Weight	Part Size
9-SFV2-CF	6.50 lbs	2"
9-SFV3-CF	10.00 lbs	3"
9-SFV4-CF	14.50 lbs	4"
9-SFV5-CF	20.50 lbs	5"
9-SFV6-CF	24.00 lbs	6"
9-SFV8-CF	43.00 lbs	8"
9-SFV10-CF	66.00 lbs	10"

This foot valve matches the bolt pattern of a standard 125 pound cast iron companion flange or a schedule 80 PVC flange.

PUMP ACCESSORIES



ALUMINUM FOOT VALVE WITH STANDARD (45°) FEMALE THREAD

Part #	Part Weight	Part Size
9-SFV2FP	5.00 lbs	2"
9-SFV3FP	8.00 lbs	3"
9-SFV4FP	11.00 lbs	4"
9-SFV5FP	16.00 lbs	5"
9-SFV6FP	18.50 lbs	6"
9-SFV8FP	32.50 lbs	8"
9-SFV10FP	47.50 lbs	10"

This 45° foot valve attaches to a NPT thread end, hose, steel pipe or PVC.



ALUMINUM FOOT VALVE WITH VERTICAL OD TUBING

Part #	Part Weight	Part Size
9-SFVV3	7.00 lbs	3"
9-SFVV4	11.50 lbs	4"
9-SFVV5	17.00 lbs	5"
9-SFVV6	21.00 lbs	6"
9-SFVV8	35.00 lbs	8"
9-SFVV10	51.00 lbs	10"

Especially suitable where the aluminum tubing used for suction is to be in a vertical position. However, this foot valve will also work where the tubing is at an angle or in the horizontal position.



ALUMINUM FOOT VALVE WITH VERTICAL COMPANION FLANGE

Part #	Part Weight	Part Size
9-SFVV2-CF	6.00 lbs	2"
9-SFVV3-CF	8.00 lbs	3"
9-SFVV4-CF	14.50 lbs	4"
9-SFVV5-CF	21.00 lbs	5"
9-SFVV6-CF	25.00 lbs	6"
9-SFVV8-CF	35.00 lbs	8"
9-SFVV10-CF	64.00 lbs	10"
9-SFVV12-CF	146.00 lbs	12"

This foot valve matches the bolt pattern of a standard 125 pound cast iron companion flange or a schedule 80 PVC flange. The hump on the body must face up when it is used in a horizontal or near horizontal position.



ALUMINUM FOOT VALVE WITH VERTICAL FEMALE THREAD

Part #	Part Weight	Part Size	Max Outside Dia.
9-SFVV2FP	4.00 lbs	2"	5.75"
9-SFVV3FP	5.50 lbs	3"	7.00"
9-SFVV4FP	10.00 lbs	4"	7.75"
9-SFVV5FP	16.00 lbs	5"	9.50"
9-SFVV6FP	19.00 lbs	6"	11.00"
9-SFVV8FP	33.00 lbs	8"	14.50"
9-SFVV10FP	51.00 lbs	10"	17.00"

This aluminum foot valve is for use on hose, pipe or plastic pipe. The durable rubber flapper seats on a machined aluminum surface and provides a tight seal which minimizes leakage. Unlike the old fashioned leather flapper it does not dry out or shrink when out of service.

Ample space is provided for the flapper to fold back out of the liquid stream thus keeping friction loss to a minimum. The hump on the body must face up when it is used in a horizontal or near horizontal position.

PUMP ACCESSORIES

PUMP ADAPTERS

Threaded Pipe Size is listed first in Part Number

Male Adapter

Male Adapter iron pipe thread by O.D. tubing size. Eccentric reduction for suction use.

Part Number: 11-1

Example Number: 11-1.4X6

Thread size

Tubing size



Part Number: 11-2

Example Number: 11-2.4X6



Part Number: 11-3

Example Number: 11-3.4X6



Part Weight	Iron Pipe		#11-1	#11-2	#11-3
	Size	Tube Size			
2.00 lbs	1 1/2"	2"	✓	✓	✓
2.50 lbs	1 1/2"	3"	✓	✓	✓
3.00 lbs	1 1/2"	4"	✓	✓	✓
2.10 lbs	2"	2"	✓	✓	✓
3.00 lbs	2"	3"	✓	✓	✓
3.80 lbs	2"	4"	✓	✓	✓
4.30 lbs	2"	5"	✓	✓	✓
8.00 lbs	2"	6"	✓	✓	✓
3.20 lbs	2 1/2"	3"	✓	✓	✓
4.90 lbs	2 1/2"	4"	✓	✓	✓
5.10 lbs	2 1/2"	5"	✓	✓	✓
8.70 lbs	2 1/2"	6"	✓	✓	✓
3.80 lbs	3"	3"	✓	✓	✓
5.30 lbs	3"	4"	✓	✓	✓
6.00 lbs	3"	5"	✓	✓	✓
9.30 lbs	3"	6"	✓	✓	✓
6.30 lbs	4"	4"	✓	✓	✓
8.30 lbs	4"	5"	✓	✓	✓
11.30 lbs	4"	6"	✓	✓	✓
13.80 lbs	4"	7"	✓	✓	✓
16.00 lbs	4"	8"	✓	✓	✓
10.40 lbs	5"	5"	✓	✓	✓
11.40 lbs	5"	6"	✓	✓	✓
14.00 lbs	5"	7"	✓	✓	✓
16.00 lbs	5"	8"	✓	✓	✓
14.80 lbs	6"	6"	✓	✓	✓
13.60 lbs	6"	7"	✓	✓	✓
17.00 lbs	6"	8"	✓	✓	✓
11.40 lbs	6"	10"	✓	✓	✓
14.00 lbs	8"	8"	✓	✓	✓
16.00 lbs	8"	10"	✓	✓	✓
34.00 lbs	10"	10"	✓	✓	✓

PUMP ADAPTERS

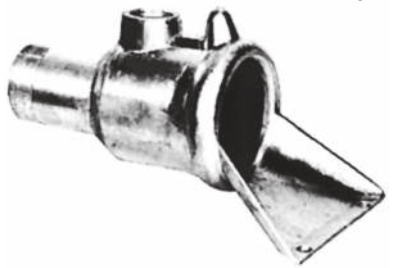
Threaded Pipe Size is listed FIRST in Part Number

Female Adapter for Pump Use

For Standard Coupler

Part Number: 11-2 MXF

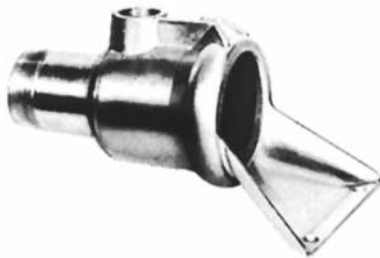
Example Number: 11-2MXF.4X6



For Hook Coupler

Part Number: 11-2HMXF

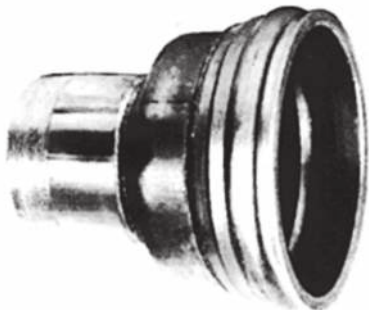
Example Number: 11-2HMXF.4X4



For Ring-lock Coupler

Part Number: 11-2RMXF

Example Number: 11-2RMXF.4X6



Part Weight	Iron Pipe Size	Tube Size	#11-2MXF	#11-2HMXF	#11-2RMXF
2.00 lbs	1 1/2"	2"	✓	✓	—
2.50 lbs	1 1/2"	3"	✓	✓	—
3.00 lbs	1 1/2"	4"	✓	✓	—
2.10 lbs	2"	2"	✓	✓	—
3.00 lbs	2"	3"	✓	✓	—
3.80 lbs	2"	4"	✓	✓	—
4.30 lbs	2"	5"	✓	—	—
8.00 lbs	2"	6"	✓	—	✓
3.20 lbs	2 1/2"	3"	✓	✓	—
4.90 lbs	2 1/2"	4"	✓	✓	—
5.10 lbs	2 1/2"	5"	✓	—	—
8.70 lbs	2 1/2"	6"	✓	—	✓
3.80 lbs	3"	3"	✓	✓	—
5.30 lbs	3"	4"	✓	✓	—
6.00 lbs	3"	5"	✓	—	—
9.30 lbs	3"	6"	✓	—	✓
6.30 lbs	4"	4"	✓	✓	—
8.30 lbs	4"	5"	✓	—	—
11.30 lbs	4"	6"	✓	—	✓
13.80 lbs	4"	7"	✓	—	—
16.00 lbs	4"	8"	—	✓	✓
10.40 lbs	5"	5"	✓	—	—
11.40 lbs	5"	6"	✓	—	✓
14.00 lbs	5"	7"	✓	—	—
16.00 lbs	5"	8"	—	✓	✓
14.80 lbs	6"	6"	✓	—	✓
13.60 lbs	6"	7"	✓	—	—
17.00 lbs	6"	8"	—	✓	✓
11.40 lbs	6"	10"	—	—	✓
14.00 lbs	8"	8"	—	✓	✓
16.00 lbs	8"	10"	—	—	✓
34.00 lbs	10"	10"	—	—	✓

PUMP ACCESSORIES



Other sizes and styles available.
Consult factory.

WADE 3" MALE KNOB ADAPTER

Part #	Description
11-4.1-1/2 FPT X 3	3" MALE KNOB X 1-1/2" FIPT
11-4.1-1/2 MPT X 3	3" MALE KNOB X 1-1/2" MIPT
11-4.2 FPT X 3	3" MALE KNOB X 2" FIPT
11-4.2 MPT X 3	3" MALE KNOB X 2" MIPT
11-4.3 FPT X 3	3" MALE KNOB X 3" FIPT
11-4.3 MPT X 3	3" MALE KNOB X 3" MIPT

WADE 4" MALE KNOB ADAPTER

Part #	Description
11-4.1-1/2 FPT X 4	4" MALE KNOB X 1-1/2" FIPT
11-4.1-1/2 MPT X 4	4" MALE KNOB X 1-1/2" MIPT
11-4.2 FPT X 4	4" MALE KNOB X 2" FIPT
11-4.2 MPT X 4	4" MALE KNOB X 2" MIPT
11-4.3 FPT X 4	4" MALE KNOB X 3" FIPT
11-4.3 MPT X 4	4" MALE KNOB X 3" MIPT



AIR RELIEF VALVES

Part #	Part Weight	Part Size
AV 100 P (Plastic)	0.20 lbs	1"
AV 150	1.20 lbs	1 1/2"
AV 200	1.70 lbs	2"
AV 300	3.20 lbs	3"
AV 400	6.65 lbs	4"

Continuous acting air and vacuum relief valves available.
See next page.

O-RING

Part #	Part Size
AV OR 150	1 1/2"
AV OR 200	2"
AV OR 300	3"
AV OR 400	4"

BALL

Part #	Part Size
AV B 150	1 1/2"
AV B 200	2"
AV B 300	3"
AV B 400	4"

RETAINER

Part #	Part Size
AV BR 150	1 1/2"
AV BR 200	2"
AV BR 300	3"
AV BR 400	4"

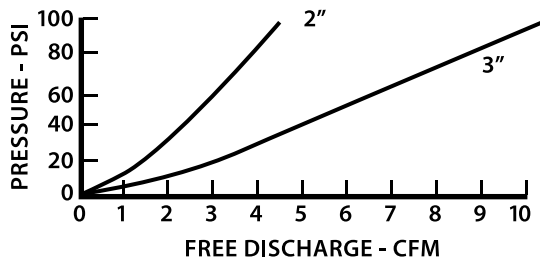


CONTINUOUS ACTING AIR VACUUM RELIEF

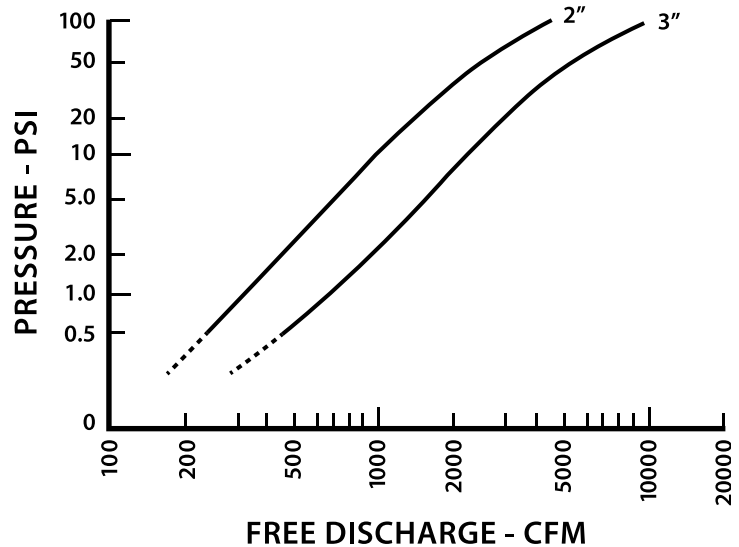
Continuous acting air vents and vacuum relief valves allow large volumes of air to release as line is filled. The system continues to release entrapped air throughout operations, then allows air back in when the line is draining. Designed for line pressures up to 150 psi for 2" and 100 psi for 3" vents.

Part #	Part Weight	Part Size
ARVC 200	6.00 lbs	2"
ARVC 300	9.70 lbs	3"
ARVC 400	10.65 lbs	4"

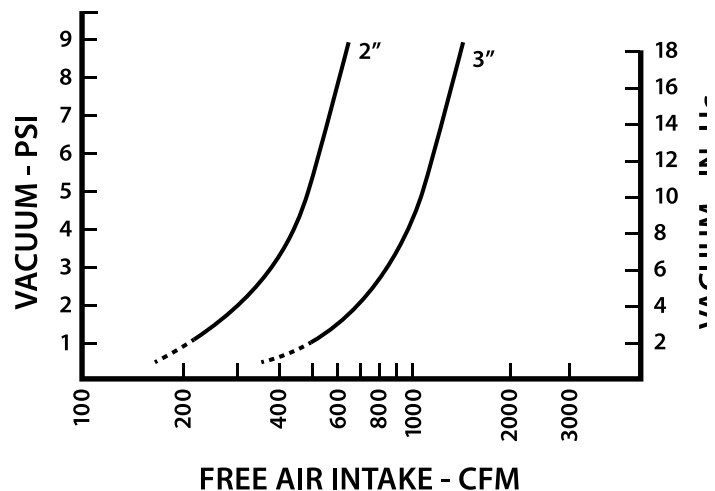
Small Orifice Discharge



Large Orifice Discharge



Large Orifice Intake



PUMP ACCESSORIES



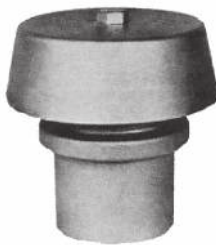
CAST ALUMINUM PRESSURE RELIEF VALVE

Part #	Part Weight	Part Size
PRV 200	10.00 lbs	2"
PRV 300	10.750 lbs	3"

Adjustable from 30-125 P.S.I.. Large spring for consistent setting repetition. Gauge port and jam nut included. Standard factory setting is 80 P.S.I. and unsealed. Can be factory set at other pressures, stamped and sealed for an additional cost - consult the factory.



SEP 41, SEP 43



SEP 4325SP

PRESSURE RELIEF VALVE

Part #	Part Weight	Part Size
SEP 41	5.50 lbs	4" FPT
SEP 43*	6.00 lbs	4" FPT
SEP 43 SP*	7.00 lbs	4" FPT
SEP 4325	5.00 lbs	3" FPT
SEP 4325 SP	6.00 lbs	3" FPT

***SEP 43 & SEP 43 SP, settings 125 to 180 PSI.**

Pre-set at factory to release at 80 PSI. Contact factory for higher or lower setting.

Splash pan (SP) optional.

Part #	Part Description
203010	Red spring for SEP 41 & SEP 4325
203023	Black spring for SEP 43
202991	Fork assy. for SEP 41 & SEP 4325
202992	Fork assy. for SEP 43
202025	Black Bolt $\frac{5}{8}$ x 8 fits SEP 41, 43 & 4325



PRESSURE GAUGE (AIR-FILLED)

Part #
PSI 100
PSI 200

SPECIALTY FITTINGS

WR-10



Sturdy cast bronze arm.
Cast bronze high-strength twin-beam body with cored water passage.
Increased UV inhibitor for longer life.
TRUE-LIFE technology for extended life and consistent performance.
Exclusive stainless steel spindle.

WR-20



1/2" BRASS AGRICULTURAL SPRINKLERS

NOTE: Most sprinklers provided with nozzles installed. Four sizes of nozzles are available. See performance data on the following page.

WR-10 WEDGE DRIVE WITH WT NOZZLES

Part #	Description	Part Weight	Box Qty.
WR-10 WT	No nozzle, WT thread	.5 lb	50
WR-10-5/64 WT	With 5/64" WT nozzle	.5 lb	50
WR-10-7/64 WT	With 3/32" WT nozzle	.5 lb	50



RB 3/8" UNF
Threads



WT 1/8" NPT
Threads

How To Order

XX - X/XX

Thread Style
(RB or WT)

Nozzle Bore
(5/64 thru 1/8)

WR-20 SPOON DRIVE WITH WT NOZZLES

Part #	Description	Part Weight	Box Qty.
WR-20 WT	No nozzle, WT thread	.5 lb	60
WR-20-3/32 WT	With 3/32" WT nozzle	.5 lb	60
WR-20-7/64 WT	With 7/64" WT nozzle	.5 lb	60
WR-20-1/8 WT	With 1/8" WT nozzle	.5 lb	60
WR-20-9/64 WT	With 5/64" WT nozzle	.5 lb	60

WR-20 SPOON DRIVE WITH RB NOZZLES

Part #	Description	Part Weight	Box Qty.
WR-20 RB	No nozzle, RB thread	.5 lb	60
WR-20-1/8 RB	With 1/8" RB nozzle	.5 lb	60
WR-20-7/64 RB	With 7/64" RB nozzle	.5 lb	60

WT NOZZLES

Part #	Description	Bag Qty.
WT - 5/64	1/8"-27, 5/64	100
WT - 3/32	1/8"-27, 3/32	100
WT - 7/64	1/8"-27, 7/64	100
WT - 1/8	1/8"-27, 1/8	100
WT - 9/64	1/8"-27, 9/64	100

RB NOZZLES

Part #	Description	Bag Qty.
RB - 5/64	3/8"-24, 5/64	100
RB - 3/32	3/8"-24, 3/32	100
RB - 7/64	3/8"-24, 7/64	100
RB - 1/8	3/8"-24, 1/8	100
RB - 9/64	3/8"-24, 9/64	100



NOTE: Highest point of stream is 6 ft. above nozzle with 3/32" nozzle at normal operating pressure.

Performance stated at base pressure.

PERFORMANCE DATA - WR-10 BRASS IMPACT SPRINKLER

Sturdy cast-bronze high strength arm.

MODEL WR-10 WEDGE-DRIVE SINGLE - 23 DEGREE TRAJECTORY

5/64"			3/32"		7/64"		1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	0.85	62'	1.28	64'	1.72	70'	2.25	72'
30	0.97	65'	1.41	69'	1.89	73'	2.41	76'
35	1.05	66'	1.52	70'	2.04	73'	2.61	77'
40	1.13	67'	1.63	71'	2.18	74'	2.79	77'
45	1.20	68'	1.73	72'	2.31	75'	2.96	78'
50	1.26	69'	1.83	73'	2.44	76'	3.13	79'
55	1.33	70'	1.92	74'	2.56	77'	3.28	80'
60	1.39	71'	2.01	75'	2.67	78'	3.43	81'
65	1.45	72'	2.09	76'	2.78	78'	3.57	82'
70	1.51	73'	2.18	77'	2.89	79'	3.71	82'



NOTE: Highest point of stream is 6.5 ft. above nozzle with 7/64" nozzle at normal operating pressure.

Performance stated at base pressure.

PERFORMANCE DATA - WR-20 BRASS IMPACT SPRINKLER

Sturdy cast-bronze high strength arm.

MODEL WR-20 SPOON-DRIVE SINGLE - 23 DEGREE TRAJECTORY

3/32"			7/64"		1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	1.28	67'	1.72	69'	2.20	71'	2.83	74'
30	1.41	69'	1.89	71'	2.41	74'	3.11	77'
35	1.52	70'	2.04	73'	2.61	76'	3.36	79'
40	1.63	71'	2.18	74'	2.79	77'	3.60	80'
45	1.73	72'	2.31	75'	2.96	78'	3.82	81'
50	1.83	73'	2.44	76'	3.13	79'	4.03	82'
55	1.92	74'	2.56	77'	3.28	80'	4.23	83'
60	2.01	75'	2.67	78'	3.43	81'	4.43	84'
65	2.09	76'	2.78	79'	3.57	82'	4.61	85'
70	2.18	77'	2.89	80'	3.71	83'	4.79	86'

SPECIALTY FITTINGS



WR-33



WR-32



WR-35

3/4" BRASS AGRICULTURAL SPRINKLERS

NOTE: All sprinklers are double nozzle, but are shipped with the removable spreader nozzle plug installed and no range nozzle. All nozzles are ordered separately.*See performance data on following pages.

Part #	Description	Part Weight	Box Qty.
WR-33	Brass Impact Sprinkler	1.00 lbs	30/60
WR-32	Brass Sprinkler w/ Aluminum Arm	1.00 lbs	30/60
WR-35	Part-circle Adjustable brass sprinkler	1.40 lbs	20

NOZZLES

Part #	Part Size	GPM at 50 PSI	Application Rate (40x60)	Box Qty.
WR-7/64	7/64" Range nozzle	2.45	—	30
WR-1/8	1/8" Range nozzle	3.22	—	30
WR-9/64	9/64 Range nozzle	4.07	0.16"/hr	30
WR-5/32	5/32" Range nozzle	4.98	0.20"/hr	30
WR-11/64	11/64" Range nozzle	6.01	0.24"/hr	30
WR-3/16	3/16" Range nozzle	7.16	0.29"/hr	30
WR-13/64	13/64" Range nozzle	8.45	0.34"/hr	30
WR-7/32	7/32" Range nozzle	9.90	0.40"/hr	30
WR-1/4	1/4" Range nozzle	12.80	0.52"/hr	30
SSN-3/32	3/32" Spreader nozzle	3.22	—	30
SSN-1/8	1/8" Spreader nozzle	1.76	—	30
SNP	Spreader nozzle plug (included with sprinkler)	—	—	50
VANE	Stream straightening vane for range nozzle	—	—	100

PERFORMANCE DATA - WR-33 BRASS IMPACT SPRINKLER

NOTE: Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above. Highest point of stream is 8 ft. above nozzle with 1/8" nozzle at normal operating pressure. Performance stated at base pressure.



WR-33 SINGLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

1/8"			9/64"		5/32"		11/64"		3/16"		13/64"		7/32"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	—	—	2.88	80'	3.52	82'	4.24	83'	5.00	85'	5.90	86'	6.85	88'
30	—	—	3.15	81'	3.85	85'	4.64	88'	5.50	91'	6.50	94'	7.55	95'
35	—	—	3.40	82'	4.16	87'	5.02	90'	6.00	94'	7.05	97'	8.20	100'
40	—	—	3.64	83'	4.45	88'	5.37	92'	6.40	96'	7.55	99'	8.80	102'
45	3.05	82'	3.86	84'	4.72	89'	5.70	94'	6.80	98'	8.00	101'	9.35	104'
50	3.22	83'	4.07	85'	4.98	90'	6.01	95'	7.20	100'	8.45	103'	9.90	106'
55	3.38	84'	4.27	86'	5.22	91'	6.30	96'	7.50	101'	8.85	104'	10.40	107'
60	3.53	85'	4.46	87'	5.45	92'	6.57	97'	7.90	102'	9.25	105'	10.75	108'
65	3.68	86'	4.65	88'	5.68	93'	6.83	98'	8.20	103'	9.60	106'	11.10	109'
70	3.82	86'	4.83	89'	5.90	94'	7.09	99'	8.50	104'	9.95	107'	11.40	110'
75	3.96	87'	5.00	90'	6.11	95'	7.34	100'	8.80	105'	10.25	108'	11.70	111'
80	4.09	87'	5.17	91'	6.30	96'	7.58	101'	9.10	106'	10.50	109'	12.00	112'

WR-33 DOUBLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

9/64" x 3/32"			5/32" x 3/32"		11/64" x 3/32"		3/16" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	4.18	80	4.83	82	5.55	83	6.31	85	7.40	85	8.30	86	9.25	88
30	4.58	81	5.28	85	6.07	88	6.93	91	8.15	91	9.15	94	10.20	96
35	4.95	82	5.71	87	6.57	90	7.51	94	8.83	94	9.93	97	11.10	100
40	5.29	83	6.11	88	7.03	92	8.03	96	9.46	96	10.65	99	11.90	102
45	5.61	84	6.48	89	7.46	94	8.53	98	10.05	98	11.30	101	12.65	104
50	5.91	85	6.82	90	7.78	95	9.00	100	10.60	100	11.90	103	13.35	106
55	6.20	86	7.15	91	8.25	96	9.45	101	11.10	101	12.50	104	14.00	107
60	6.48	87	7.47	92	8.60	97	9.86	102	11.60	102	13.00	105	14.50	108
65	6.75	88	7.78	93	8.93	98	10.27	103	12.10	103	13.50	106	15.00	109
70	7.00	89	8.08	94	9.25	99	10.66	104	12.50	104	14.00	107	15.45	110
75	7.25	90	8.37	95	9.56	100	11.02	105	12.90	105	14.40	108	15.90	111
80	7.49	91	8.65	96	9.87	101	11.36	106	13.25	106	14.80	109	16.30	112

SPECIALTY FITTINGS



PERFORMANCE DATA - WR-32 BRASS IMPACT SPRINKLER

Aluminum arm for low gallonage applications.

WR-32 SINGLE NOZZLE - ALUMINUM ARM

7/64"			1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	–	–	2.25	78'	2.88	80'
30	–	–	2.47	79'	3.15	81'
35	–	–	2.68	80'	3.40	82'
40	–	–	2.87	81'	3.64	83'
45	2.32	80'	3.05	82'	3.86	84'
50	2.45	80'	3.22	83'	4.07	85'
55	2.57	81'	3.38	84'	4.27	86'
60	2.68	82'	3.53	85'	4.46	87'
65	2.79	82'	3.68	86'	4.65	88'
70	2.90	83'	3.82	86'	4.83	89'
75	3.00	83'	3.96	87'	5.00	90'
80	3.10	84'	4.09	87'	5.17	91'

WR-32 SINGLE NOZZLE - ALUMINUM ARM WITH STRAIGHTENING VALVE

7/64"			1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	–	–	2.25	82'	2.88	85'
30	–	–	2.47	84'	3.15	87'
35	–	–	2.68	85'	3.40	89'
40	–	–	2.87	86'	3.64	91'
45	2.32	82'	3.05	87'	3.86	92'
50	2.45	83'	3.22	88'	4.07	93'
55	2.57	84'	3.38	89'	4.27	94'
60	2.68	85'	3.53	90'	4.46	95'
65	2.79	86'	3.68	91'	4.65	96'
70	2.90	87'	3.82	92'	4.83	97'
75	3.00	88'	3.96	93'	5.00	98'
80	3.10	89'	4.09	94'	5.17	100'

PERFORMANCE DATA - WR-35 ADJUSTABLE PART CIRCLE BRASS IMPACT SPRINKLER

NOTE: Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above. Highest point of stream is 7 ft. above nozzle with 1/8" nozzle at normal operating pressure. Performance stated at base pressure.



WR-35 SINGLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

5/32"			11/64"		3/16"		13/64"		7/32"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
30	3.85	84'	4.64	87'	5.50	89'	6.50	96'	7.55	94'
35	4.16	85'	5.02	88'	5.96	92'	7.05	95'	8.20	96'
40	4.45	87'	5.37	90'	6.38	94'	7.55	97'	8.80	98'
45	4.72	88'	5.70	92'	6.78	96'	8.00	99'	9.35	100'
50	4.98	89'	6.01	93'	7.16	98'	8.45	101'	9.90	102'
55	5.22	90'	6.30	94'	7.52	100'	8.85	102'	10.40	104'
60	5.45	91'	6.57	96'	7.85	101'	9.25	103'	10.75	105'
65	5.68	92'	6.83	97'	8.18	102'	9.60	104'	11.10	106'
70	5.90	93'	7.09	98'	8.50	103'	9.95	105'	11.40	107'

WR-35 DOUBLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

9/64" x 3/32"			5/32" x 3/32"		11/64" x 3/32"		3/16" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
30	4.58	80'	5.28	84'	6.07	87'	6.93	89'	8.15	89'	9.15	93'	10.20	94'
35	4.95	81'	5.71	85'	6.57	88'	7.51	92'	8.83	92'	9.93	95'	11.10	96'
40	5.29	82'	6.11	87'	7.03	90'	8.03	94'	9.46	94'	10.65	97'	11.90	98'
45	5.61	83'	6.48	88'	7.46	92'	8.53	96'	10.05	96'	11.30	99'	12.65	100'
50	5.91	84'	6.82	89'	7.87	93'	9.00	98'	10.60	98'	11.90	101'	13.35	102'
55	6.20	85'	7.15	90'	8.25	94'	9.45	100'	11.10	100'	12.50	102'	14.00	104'
60	6.48	86'	7.47	91'	8.60	96'	9.86	101'	11.60	101'	13.00	103'	14.50	105'
65	6.75	87'	7.78	92'	8.93	97'	10.27	102'	12.10	102'	13.50	104'	15.00	106'
70	7.00	88'	8.08	93'	9.25	98'	10.66	103'	12.50	103'	14.00	105'	15.45	107'

SPECIALTY FITTINGS

ALUMINUM TUBING RISERS WITH ZAMAC FITTINGS

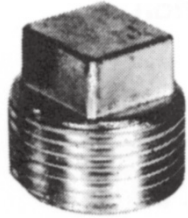


Part #	Part Weight	Part Size (Male x Female)	Riser Length	Carton Qty.
9-8-6A	0.50 lbs	1" x 3/4"	6"	100
9-8-12A	0.60 lbs	1" x 3/4"	12"	50
9-8-18A	0.70 lbs	1" x 3/4"	18"	50
9-8-24A	0.80 lbs	1" x 3/4"	24"	50
9-8-30A	0.92 lbs	1" x 3/4"	30"	50
9-8-36A	1.05 lbs	1" x 3/4"	36"	50
9-8-48A	1.30 lbs	1" x 3/4"	48"	50
9-8-60A	1.52 lbs	1" x 3/4"	60"	50
9-8-72A	1.65 lbs	1" x 3/4"	72"	50

STEEL TUBING RISERS WITH ZAMAC FITTINGS



Part #	Part Weight	Part Size (Male x Female)	Riser Length	Carton Qty.
9-4-6S	0.50 lbs	3/4" x 1/2"	6"	100
9-4-12S	0.70 lbs	3/4" x 1/2"	12"	75
9-4-18S	1.00 lbs	3/4" x 1/2"	18"	75
9-4-24S	1.20 lbs	3/4" x 1/2"	24"	75
9-6-6S	0.50 lbs	3/4" x 3/4"	6"	100
9-6-12S	0.70 lbs	3/4" x 3/4"	12"	75
9-6-18S	1.00 lbs	3/4" x 3/4"	18"	75
9-6-24S	1.20 lbs	3/4" x 3/4"	24"	75
9-8-6S	0.62 lbs	1" x 3/4"	6"	100
9-8-12S	0.88 lbs	1" x 3/4"	12"	50
9-8-18S	1.10 lbs	1" x 3/4"	18"	50
9-8-24S	1.40 lbs	1" x 3/4"	24"	50
9-8-30S	1.60 lbs	1" x 3/4"	30"	50
9-8-36S	1.90 lbs	1" x 3/4"	36"	50
9-8-48S	2.40 lbs	1" x 3/4"	48"	50
9-8-60S	2.90 lbs	1" x 3/4"	60"	50
9-8-72S	3.40 lbs	1" x 3/4"	72"	50



ZAMAC PIPE FITTINGS

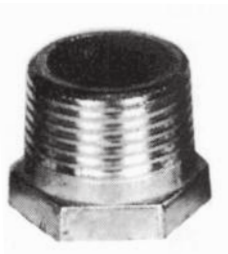
PIPE PLUGS

Part #	Part Weight (per 100)	Part Size
11500-2	7.40 lbs	$\frac{3}{4}$ "
11500-3	12.40 lbs	1"



BELL REDUCERS

Part #	Part Weight (per 100)	Part Size
11501-1	17.40 lbs	$\frac{3}{4}$ " x $\frac{1}{2}$ "
11501-2	22.00 lbs	1" x $\frac{1}{2}$ "
11501-3	21.20 lbs	1" x $\frac{3}{4}$ "



BUSHINGS

Part #	Part Weight (per 100)	Part Size
11502-1	10.00 lbs	$\frac{3}{4}$ " x $\frac{1}{2}$ "
11502-2	21.60 lbs	1" x $\frac{1}{2}$ "
11502-3	14.60 lbs	1" x $\frac{3}{4}$ "



COUPLINGS

Part #	Part Weight (per 100)	Part Size
11503-1	11.00 lbs	$\frac{1}{2}$ "
11503-2	23.10 lbs	$\frac{3}{4}$ "
11503-4	21.40 lbs	1"

SPECIALTY FITTINGS

PRESSING COMPOUND



Part #	Description
WNA 1F	Forrest, A&B
WNA 1F A	Paint Part A
WNA 1F B	Catalyst Part B

Used in aluminum tube fabrication.



PAINT (ORANGE)

Matches Wade'Rain manufactured items

Part #	Part Size
9608	Gallon
9608-1	Quart

HOLD BANDS

STEEL



Part #	Part Weight (per 100)	Part Size
SHB 5	38.00 lbs	5"
SHB 6 *	50.00 lbs	6"
SHB 8 *	75.00 lbs	8"
SHB 1000 *	88.00 lbs	10"
SHB 1200 *	100.00 lbs	12"

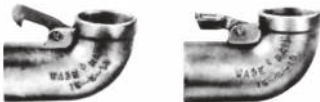
** 6" and larger spot welded strap style*

ALUMINUM

Part #	Part Weight (per 100)	Part Size
HB 300	—	3"
HB 400	13.00 lbs	4"
HB 500	16.00 lbs	5"
HB 600	19.00 lbs	6"
HB 800	44.00 lbs	8"
HB 1000	63.00 lbs	10"



16-3-2 16-3-2 1/2 16-3-3



16-5-13G 16-5-13DX



MODEL NO. 16 BIG GUN® SPRINKLER STAND

FEMALE SPRINKLER ADAPTERS

Part #	Part Weight	Part Size
16-3-2	2.30 lbs	3" x 2" Female Reducer
16-3-2 1/2	2.70 lbs	3" x 2 1/2" Female Reducer
16-3-3	3.50 lbs	3" Female Coupling

STAND ASSEMBLY

Part #	Part Weight	Description
16-30-4	18.40 lbs	Riser Pipe with adjustable Tripod stand with 3" x 4" mainlines
16-30-6	18.40 lbs	Riser Pipe with adjustable Tripod stand with 5" x 6" mainlines

Consists of 30" Aluminum riser with 3" male threads both ends and sliding tripod assembly. One leg clamps to the mainline pipe. The other two legs have 8" diameter lateral support pads.

The tripod stand may be connected to a 4" male 90° elbow adapter or to a valve opening gooseneck which connects directly to the Wade'Rain hydrant valve and tees.

90° ELBOW ADAPTERS

Part #	Part Weight	Part Size	Description
16-3-13G	2.50 lbs	3" x 3"	For Hook Style Coupling
16-5-13G	3.00 lbs	4" x 3"	For Hook Style Coupling
16-3-13CX	2.50 lbs	3" x 3"	For Knob Style Coupling
16-5-13DX	3.00 lbs	4" x 3"	For Knob Style Coupling

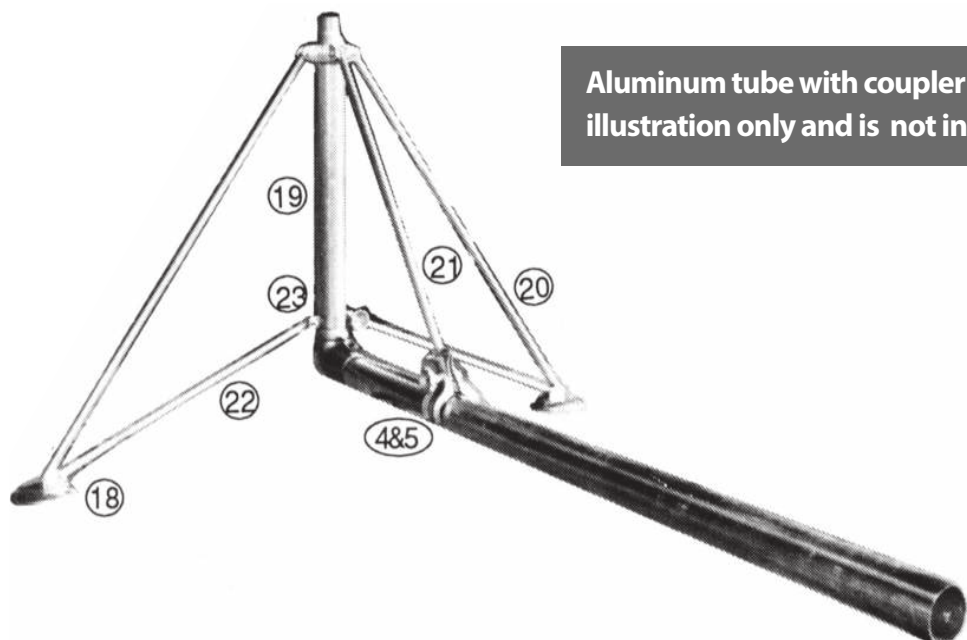
Coupling end is male O.D. tubing, and riser end has 3" female iron pipe thread. Connects stand to most makes of surface mainlines and valve openers.

GOOSENECK ADAPTERS

Part #	Part Weight	Description
15-5-1EH *	8.30 lbs	↑ Gooseneck for 4" valves with 3" FIPT outlet for 2-3-4 P thru 2-6-4 P & 7-4 P
15-3-1E *	7.30 lbs	↓ Gooseneck for 3" valves with 3" FIPT outlet for 2-3-3 D, 2-4-3 D, 2-3-3 MXF & 7-3 D
15-5-1E *	8.30 lbs	↓ Gooseneck for 4" valves with 3" FIPT outlet for 2-5-4 D, 2-6-4 D, 2-5-4 MXF & 7-4 D

Connects stand to Wade'Rain Mainline tees or hydrants.

* When ordering, specify if for use with "EH" ↑ (Outward Opening) or "E" ↓ (Inward Opening) valves.

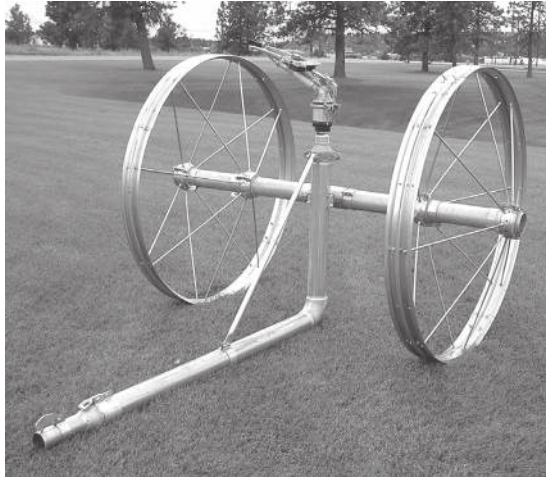


Aluminum tube with coupler is shown for illustration only and is not included with stand.

MODEL NO.17 BIG GUN® SPRINKLER STAND

Part #	Description	Part Weight	Part Size
17-3	3" Inlet / Clamps 3" & 4" Dia Mainline	21.00 lbs	30"
17-4	4" Inlet / Clamps 3" & 4" Dia Mainline	21.00 lbs	30"
17-5	4" Inlet / Clamps 5" & 6" Dia Mainline	21.00 lbs	30"

Tripod comes complete with riser, 2" female and 2 1/2" male threaded sprinkler adapter and 3" or 4" 90° inlet elbow.
Model No. 17 Big Gun® sprinkler stand recommended for use with Nelson 100 Series Big Gun® Sprinkler or equivalent.
Tripods with special riser heights are available upon request.



BIG GUN® CART ASSEMBLY

- Includes all steel welded main frame with 84" long, 4" diameter axle and two heavy duty galvanized wheels.
- Clamp on 4" diameter aluminum riser includes a sprinkler adapter for 2" male or 2 1/2" female sprinkler.
- Available in 3" or 4" male inlet.
- Each cart is shipped with both knob style and hook style latches.
- Optional Independent Bearing Kit allows each wheel to turn independently on axle for easier manual maneuvering in tight spaces.

LOW PROFILE 46" WHEEL

Part #	Part Weight	Part Size
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5046-3	107.00 lbs	• 3" male inlet • 46" wheels
5046-4	115.00 lbs	• 4" male inlet • 46" wheels

STANDARD PROFILE 57" WHEEL

Part #	Part Weight	Part Size
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5057-3	116.00 lbs	• 3" male inlet • 57" wheels
5057-4	116.00 lbs	• 4" male inlet • 57" wheels

BIG GUN® CART LESS WHEELS

Part #	Part Weight	Part Size
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5000-3	39.00 lbs	• 3" male inlet • No wheels
5000-4	39.00 lbs	• 4" male inlet • No wheels
5000	30.00 lbs	Optional Independent bearing kit

Big Gun® cart assembly recommended for use with Nelson 100 Series Big Gun® Sprinkler or equivalent.

WHEEL LINE SYSTEMS

POWERROLL / SOLAROLL



WARNING:

ENGINE COVER REQUIRED
FOR OPERATOR SAFETY

70 SERIES HYDROSTATIC POWERROLL MOVER UNIT

Part #	Part Weight	Part Size
70-57	551.00 lbs	6HP to 57" dia. wheel size
70-64	567.00 lbs	6HP to 64" dia. wheel size
70-76	567.00 lbs	6HP to 76" dia. wheel size
70-57-7HP	551.00 lbs	7HP to 57" dia. wheel size
70-64-7HP	567.00 lbs	7HP to 64" dia. wheel size
70-76-7HP	567.00 lbs	7HP to 76" dia. wheel size

Wade Rain Hydrostatic Mover complete with commercial grade overhead valve modern design engine, dual rail mover frame with 14 foot wheel base and twin bearing design. Motor and hydrostatic transmission are pre assembled.

Price does not include engine cover, riding stand, mover hub adapters or mover wheels. Mover axles are 4" diameter. Wheels for mover unit should be ordered with 4" wheel hubs.

Higher HP option recommended for altitudes 5,000 feet or higher or for difficult crop or terrain uses. Engines are a commercial grade overhead valve of modern design.



PLASTIC ENGINE COVER FOR 70 SERIES MOVER

Part #	Part Weight
70-404 (For units after s/n 12859)	25.00 lbs
70FC (For units prior s/n 12859)	39.00 lbs

Order 70-404 for ALL NEW Mover Units.

70 FC replaces units w/fiberglass engine covers. Includes new plastic cover, bolt-on hinge brackets, new style shift handle and linkage and retrofit tie-down kit. CANNOT BE SHIPPED UPS



SOLAROLL - SOLAR POWERED MOVER UNIT

Part #	Description	Part Weight
70-SOLAR	Wade Model 70 *6-hole Hub Solar Powered by Hydroside	650.00 lbs

- Exclusively powered by Hydroside Solar.
- One remote (included) can operate up to 8 lines with a half mile range.
- No more gas cans, pull ropes, engines or trips to the middle of the field.
- Self-diagnostic electrical features.
- Allows user to be present when dropping off or picking up sections.

NOTE: These units have additional packaging costs when ordered in less than truckload quantities for required protection in transit.



58 SERIES BAND-LOCK TOOTH/FLANGE POWERROLL COUPLER

Part #	Part Weight	Part Size
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58-4FWTD	9.20 lbs	4"
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58-5FWTD	10.20 lbs	5"
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Complete coupler set includes male and female halves with fast draining gasket, band-lock, automatic drain valve and two press bands.



58 SERIES BOLT-TOGETHER TOOTH/FLANGE POWERROLL COUPLER

Part #	Part Weight	Part Size
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58-4PR	7.20 lbs	4"
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58-5PR	8.20 lbs	5"
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58-4PRM (Male half only)	2.70 lbs	4"
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58-4PRF (Female half only with gasket)	3.20 lbs	4"
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58-5PRM (Male half only)	3.00 lbs	5"
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58-5PRF (Female half only with gasket)	3.70 lbs	5"
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Complete coupler set includes male and female halves with fast draining gasket, automatic drain valve, two press bands and nuts, bolts and lock washers.



BAND-LOCK ONLY FOR 58 SERIES COUPLER

Part #	Part Weight	Part Size
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58-4-2S	2.00 lbs	4" and 5"
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70-438-1 (Wire bail only)	—	—
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One size band-lock fits both 4" and 5" 58 series coupler.



CENTER FEED — MALE BY FEMALE

Part #	Part Weight	Line Part Size	Inlet Part Size
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2-5-4-58P	9.00 lbs	5"	4" Knob
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2-5-4-58PHL	9.10 lbs	5"	4" Hook
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Adapter will fit both 4" and 5" lines. 4" inlet is 45 degrees from 1" sprinkler outlet.

Reducers: 58 Series 4" and 5" couplers have identical gasket cavities and serrations. No special reducer fittings required!

WHEEL LINE SYSTEMS

POWERROLL / SOLAROLL

58 SERIES TOOTH/FLANGE FITTINGS POWERROLL END ADAPTER FOR 58 SERIES

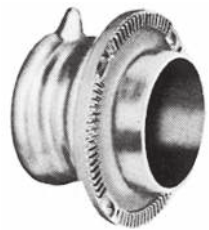
Adapter used for telescope or hose connection on end of line. To use for telescope adapter, standard female end must be one size smaller than Powerroll end.

FEMALE END ADAPTER - KNOB STYLE



Part #	Part Weight	Powerroll Line Size	Adapter Size
58-4-3PRF	3.20 lbs	4" and 5" Female	3" Female
58-5-4PRF	3.20 lbs	4" and 5" Female	4" Female

MALE END ADAPTER - KNOB STYLE



Part #	Part Weight	Powerroll Line Size	Adapter Size
58-4-3PRM	2.70 lbs	4" and 5" Male	3" Female
58-5-4PRM	2.70 lbs	4" and 5" Male	4" Female

FEMALE END ADAPTER-HOOK STYLE



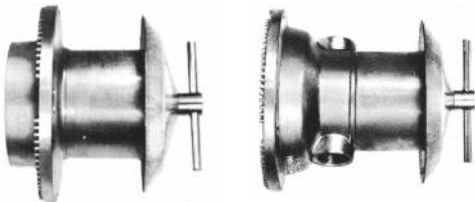
Part #	Part Weight	Powerroll Line Size	Adapter Size
58-4-3PRFH	3.20 lbs	4" and 5" Female	3" Female
58-5-4PRFH	3.20 lbs	4" and 5" Female	4" Female

MALE END ADAPTER-HOOK STYLE (NO OUTLET)



Part #	Part Weight	Powerroll Line Size	Adapter Size
58-4-3PRMH	2.70 lbs	4" and 5" Male	3" Female
58-5-4PRMH	2.70 lbs	4" and 5" Male	4" Female

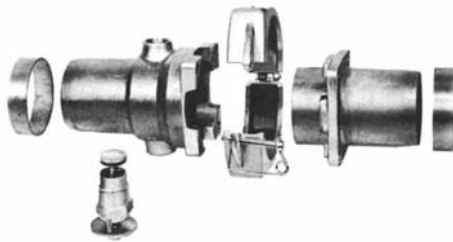
POWERROLL END PLUG FOR 58 SERIES COUPLER



Part #	Part Weight	Part Size
59-5PRM (Male end plug w/flush valve)	4.70 lbs	4" and 5"
59-5PRF (Female end plug w/flush valve)	5.30 lbs	4" and 5"

One size end plug fits both 4" and 5" 58 series coupler.

***REDUCERS:** 58 series 4" and 5" couplers have identical gasket cavities and serrations. No special reducer fittings required.



48 SERIES BAND-LOCK LUG-TYPE POWERROLL COUPLER

Part #	Part Weight	Part Size
48-4FWTD	7.60 lbs	4"
48-5FWTD	9.90 lbs	5"

Complete coupler set includes male and female halves with fast draining gasket, band-lock, automatic drain valve and two press bands.



48 SERIES BOLT-TOGETHER LUG-TYPE POWERROLL COUPLER

Part #	Part Weight	Part Size
48-4PR	6.30 lbs	4"
48-5PR	7.70 lbs	5"
48-4PRM (Male half only)	2.20 lbs	4"
48-4PRF (Female half only w/gasket)	2.50 lbs	4"
48-5PRM (Male half only)	3.00 lbs	5"
48-5PRF (Female half only w/gasket)	3.50 lbs	5"

Complete coupler set includes male and female halves with fast draining gasket, automatic drain valve, two press bands and nuts, bolts and lock washers.



48 SERIES CENTER FEED — MALE BY FEMALE

Part #	Part Weight	Line Part Size	Inlet Part Size
2-4-4-48P	6.90 lbs	4"	4" Knob
2-5-4-48P	9.30 lbs	5"	4" Knob
2-4-4-48PHL	7.00 lbs	4"	4" Hook
2-5-4-48PHL	9.80 lbs	5"	4" Hook

4" inlet is 45 degrees from 1" sprinkler outlet.



BAND-LOCK ONLY FOR 48 SERIES COUPLER

Part #	Part Weight	Part Size
48-4-2 (incl. pin)	1.70 lbs	4"
48-5-2 (incl. pin)	2.30 lbs	5"
48-4-3 Clip pin	0.20 lbs	4" or 5"

WHEEL LINE SYSTEMS

POWERROLL / SOLAROLL

48 SERIES LUG-TYPE FITTINGS POWERROLL END ADAPTER FOR 48 SERIES

Adapter used for telescope or hose connection on end of line. For telescope adapter, standard female end must be one size smaller than Powerroll end.

FEMALE END ADAPTER



Part #	Part Weight	Powerroll Line Size	Adapter Size
48-4-3PRF	2.60 lbs	4" Female	3" Female
48-4-4PRF	2.60 lbs	4" Female	4" Female
48-5-4PRF	3.30 lbs	5" Female	4" Female

MALE END ADAPTER (NO OUTLET)



Part #	Part Weight	Powerroll Line Size	Adapter Size
48-4-3PRM	2.00 lbs	4" Male	3" Female
48-4-4PRM	2.00 lbs	4" Male	4" Female
48-5-4PRM	2.60 lbs	5" Male	4" Female

FEMALE END ADAPTER-HOOK STYLE

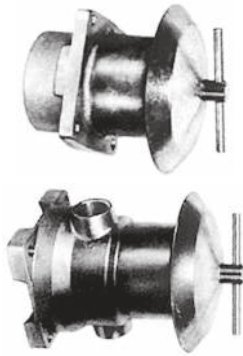


Part #	Part Weight	Powerroll Line Size	Adapter Size
48-4-3PRFH	2.60 lbs	4" Female	3" Female
48-4-4PRF-H	2.60 lbs	4" Female	4" Female
48-5-4PRF-H	3.30 lbs	5" Female	4" Female

MALE END ADAPTER-HOOK STYLE (NO OUTLET)

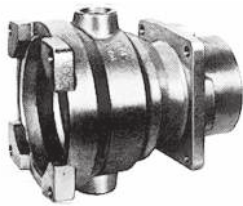


Part #	Part Weight	Powerroll Line Size	Adapter Size
48-4-3PRM-H	2.00 lbs	4" Male	3" Female
48-4-4PRM-H	2.00 lbs	4" Male	4" Female
48-5-4PRM-H	2.60 lbs	5" Male	4" Female



POWERROLL END PLUG FOR 48 SERIES COUPLER

Part #	Part Weight	Part Size
49-4PRM (Male end plug w/flush valve)	4.10 lbs	4"
49-4PRF (Female end plug w/flush valve)	5.00 lbs	4"
49-5PRM (Male end plug w/flush valve)	4.60 lbs	5"
49-5PRF (Female end plug w/flush valve)	5.30 lbs	5"



48 SERIES IN-LINE POWERROLL REDUCER— FEMALE BY MALE

Part #	Part Weight	Part Size
48-5-4R	4.10 lbs	5" F x 4" M
48-4-5R	3.80 lbs	5" M x 4" F

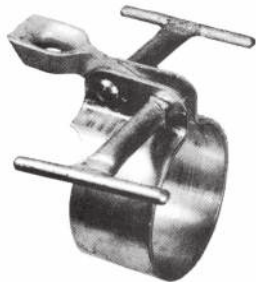
With Gasket and two 1" outlets.



POWERROLL SPRING DRAIN VALVE

Part #	Part Weight	Part Size	Pieces per box
18-1	0.40 lbs	1"	100

18-1 spring loaded drain valve standard on Wade'Rain Powerroll.
Look at parts section for parts.



KNOB STYLE SLIDE BAND WITH "T" HANDLE FOR TELESCOPING FEED

Part #	Part Weight	Part Size
20-3-25	0.90 lbs	3"
20-4-25	1.40 lbs	4"
20-5-25	1.70 lbs	5"
20-6-25	2.00 lbs	6"

For "T" handle only, see Parts section.



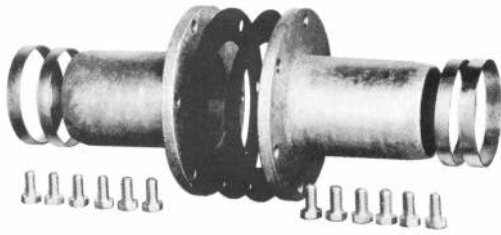
HOOK STYLE SLIDE BAND WITH "T" HANDLE FOR TELESCOPING FEED

Part #	Part Weight	Part Size
B 303	2.00 lbs	3"
B 404	2.25 lbs	4"

Adjustable band assembly for telescope.

WHEEL LINE SYSTEMS

POWERROLL / SOLAROLL



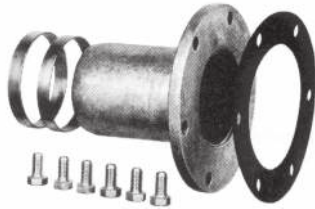
POWERROLL HUB ADAPTER SET FOR MOVER UNIT

Part # Part Weight Part Size

70-11-4 15.00 lbs 4"

70-11-5 17.00 lbs 5"

Complete set includes two adapters, two gaskets, four reinforcing bands and twelve 1/2" x 1" N.C. bolts.



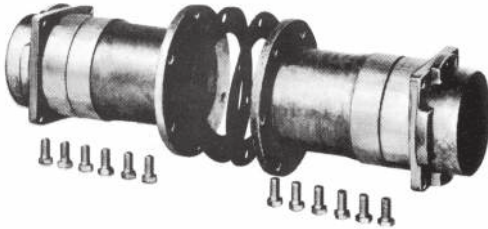
POWERROLL SINGLE HUB ADAPTER ONLY

Part # Part Weight Part Size

70-11-4E 7.00 lbs 4"

70-11-5E 8.00 lbs 5"

Single hub adapter. Includes one hub adapter, one gasket, two reinforcing bands and six 1/2" x 1" N.C. bolts.



POWERROLL TAKE-DOWN HUB ADAPTER SET

Part # Part Weight Part Size

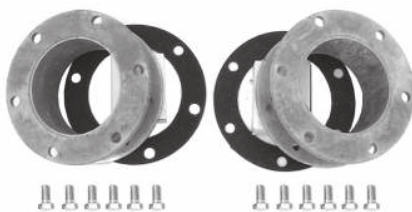
48-13-4 TD 22.00 lbs 4"

48-13-5 TD 22.90 lbs 5"

58-13-4-TD 22.10 lbs 4"

58-13-5 TD 25.10 lbs 5"

Complete set includes two adapters, two gaskets and twelve 1/2" x 1" N.C. bolts. The adapter set has male-by-male aluminum couplers for the in-line connection. Available for both 48 series & 58 series couplers.



POWERROLL 6 HOLE X 8 HOLE HUB ADAPTER SET

Part # Part Weight

70-11-6X8 15.00 lbs

Complete set for use when retrofitting Powerroll movers in non-Wade'Rain lines. Includes two 6-hole x 8-hole adapters, two Wade'Rain Powerroll hub adapter gaskets, and two 8-hole adapter gaskets. Also included are twelve 1/2" x 1" bolts for the Wade side, with 16 nuts and bolts for the 8-hole side.



REINFORCING BANDS ONLY

Part # Part Size

28-4-1A (Aluminum) 4"

1-5MP-1 (Aluminum) 5"

Aluminum reinforcing bands are used for pressing aluminum Powerroll couplers. Steel reinforcing bands are used for pressing 4" steel hub adapters



POWERROLL WHEELS - THE STRONGEST WHEEL IN THE INDUSTRY

Part #	Part Weight	Gauge Size	Hub Size	Wheel Dia.
27-4-46	34.00 lbs	18	4"	46"
27-4-57	39.00 lbs	18	4"	57"
27-4-64	44.00 lbs	18	4"	64"
27-4-76	55.00 lbs	18	4"	76"
27-5-46	35.00 lbs	18	5"	46"
27-5-57	40.00 lbs	18	5"	57"
27-5-64	45.00 lbs	18	5"	64"
27-5-76	56.00 lbs	18	5"	76"

Prices include a set of 8 lugs for 46", 57" and 64" diameter wheels; and a set of 10 lugs for 76" diameter wheels. All wheels are double punched for an additional set of lugs. Wheels are shipped knocked down.

WHEELSIGN SET (2)

Part #	Description
70-752	Includes 2 signs & fasteners



POWERROLL WHEEL COMPONENTS

POWERROLL WHEEL RIM

Part #	Part Weight	Part Size Dia.	Wheel Gauge
27-46-1	7.50 lbs	46"	18
27-57-1	8.90 lbs	57"	18
27-64-1	9.90 lbs	64"	18
27-76-1	11.70 lbs	76"	18

Rim half only, double punched.



POWERROLL WHEEL SPOKES

Part #	Part Weight	Wheel Size	Hub Size	Pieces per. Wheel	Overall Length
27-21-46	0.6 lbs	46"	4"	16	21"
27-20.1/8-46	0.6 lbs	46"	5"	16	20 1/8"
27-26.7/8-57	0.8 lbs	57"	4" or 5"	16	26 7/8"
27-30.1/4-64	0.9 lbs	64"	4" or 5"	16	30 1/2"
27-37-76	1.1 lbs	76"	4" or 5"	20	37"

3/8" diameter spokes for standard wheel. 16 spokes required for 46", 57", and 64" wheels. 20 spokes required for 76" wheels. Measured end to end.

WHEEL LINE SYSTEMS

POWERROLL / SOLAROLL

POWERROLL WHEEL COMPONENTS

POWERROLL WHEEL HUB CLAMPS



Part #	Part Weight	Part Size	Pieces per box
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27-4-4	1.10 lbs	4"	120
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27-5-5	1.30 lbs	5"	100
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Hubs are punched for both 16 spoke and 20 spoke wheels.
4 clamps required per wheel.



POWERROLL WHEEL LUGS

Part #	Part Weight	Pieces per box
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27-4-1 (Bare Lug)	0.20 lbs	500
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Made from heavy duty 12 GA. galvanized steel

Note: Requires two 3/8 x 1 CS w/nuts when used for double lugging.
See parts section.



RATCHETED LINE ANCHOR STABILIZER BAR

Part #	Part Weight	Tube Size	Wheel Size
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22-4-57	28.60 lbs	4"	57" and 64"
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22-4-76	29.80 lbs	4"	76"
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22-5-57	31.30 lbs	5"	57" and 64"
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22-5-76	32.10 lbs	5"	76"
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SPRINKLER LEVELERS



Part #	Part Weight	Part Size	Pieces Per. Carton
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L-75	2.50 lbs	3/4"	33
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SLE1-12S	2.50 lbs	1" x 3/4" x 12" Galv. steel	—
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SLE1-18A	2.50 lbs	1" x 3/4" x 18" Zamac	—
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11505-1	2.50 lbs	1" x 6" Galv. nipple	—
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11501-5	—	1" x 3/4" Reducing 90° galv. elbow	—
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11505-2	—	1" x 90° galv. elbow	—
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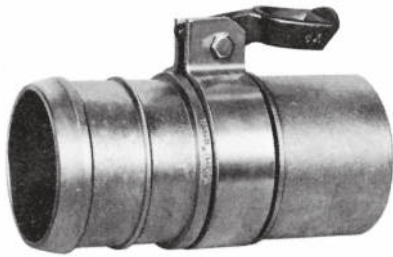
POWERROLL HOSE

Part #	Part Weight	Description
--------	-------------	-------------

49-20-4CX	25.00 lbs	Hose Assembly w/ knob latch
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49-20-4G	25.00 lbs	Hose Assembly w/ hook latch
----------	-----------	-----------------------------

Hose is 4" inside diameter by 20 foot lengths. Pre assembled with Wade'Rain cast aluminum hose ends with sleeve connection.



POWERROLL HOSE ADAPTERS

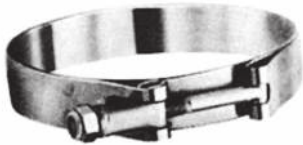
Part #	Part Weight	Part Size
--------	-------------	-----------

49-6CX Knob Style	2.20 lbs	4"
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49-6G Hook Style	2.20 lbs	4"
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Hose clamps not included. Order clamps shown below.

Cast aluminum hose adapter includes adapter with swivel ring and latch.



T-Bolt Clamp

DISCHARGE HOSE CLAMPS

Part #	Description
--------	-------------

49-6-3	TBC-425 4" Hose Clamp
--------	-----------------------

Stainless Steel Hose Clamps for use with discharge hose adapters.

Two clamps required per end (for 4" I.D. hose)



POWERROLL HOSE (BULK HOSE) PLAIN END

Part #	Part Weight	Description
--------	-------------	-------------

49-100-200	88.00 lbs	200 PSI discharge hose
------------	-----------	------------------------

49-100-150	83.00 lbs	150 PSI Discharge Hose
------------	-----------	------------------------

Available in 100 foot lengths only.



RIDING STAND FOR 70 SERIES MOVER

Part #	Part Weight
--------	-------------

70RS	25.00 lbs
------	-----------

WHEEL LINE SYSTEMS

POWEROLL / SOLAROLL



NICKEL-PLATED DRIVE CHAIN IN BULK ROLL

Part #	Part Weight	Part Length
--------	-------------	-------------

70-5-100	52.00 lbs	100 ft.
----------	-----------	---------

No. 2050 roller chain in convenient bulk form may be cut in any length to replace or repair drive chains on any model of Poweroll. Roll includes 10 spring clip connecting links.



Connecting Link

Half Link



Offset Link (full)



Offset Link (half)

CONNECTING LINKS

Part #	Description
--------	-------------

70-6	#2050 Connecting Link
------	-----------------------

70-2050-OL	#2050 Offset link (full)
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70-50-OL	#50 Offset links (half)
----------	-------------------------

70-50-HL	#50 half link
----------	---------------

Spring clip type.

POWEROLL CENTER OUTLET FOR QUICK TAKE-DOWN POWEROLL

Part #	Part Weight	Part Size	Tubing Size
--------	-------------	-----------	-------------

13-4TD	2.20 lbs	1"	4"
--------	----------	----	----

13-5TD	2.50 lbs	1"	5"
--------	----------	----	----

4506-1	—	O Ring Gasket	—
--------	---	---------------	---



RETROFIT GEAR GUARD



WARNING:

GEAR GUARD SHOULD BE INSTALLED ON ALL MODEL 70 UNITS TO PREVENT SERIOUS INJURY WHICH COULD RESULT IF THE OPERATOR ATTEMPTS TO USE THE UNIT IMPROPERLY WITHOUT THE YELLOW SAFETY COVER IN PLACE.

Part #	Part Weight
--------	-------------

70-555 (Complete Gear Guard Set)	3.00 lbs
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The Retrofit Gear Guard should be installed on all model 70 mover units, regardless of age.



WR-33



WR-32



WR-35

3/4" BRASS AGRICULTURAL SPRINKLERS

NOTE: All sprinklers are double nozzle, but are shipped with the removable spreader nozzle plug installed and no range nozzle. All nozzles are ordered separately. *See performance data on following pages.

Part #	Description	Part Weight	Box Qty.
WR-33	Brass Impact Sprinkler	1.00 lbs	30/60
WR-32	Brass Sprinkler w/ Aluminum Arm	1.00 lbs	30/60
WR-35	Part-circle Adjustable brass sprinkler	1.40 lbs	20

NOZZLES

Part #	Part Size	GPM at 50 PSI	Application Rate (40x60)	Box Qty.
WR-7/64	7/64" Range nozzle	2.45	—	30
WR-1/8	1/8" Range nozzle	3.22	—	30
WR-9/64	9/64 Range nozzle	4.07	0.16"/hr	30
WR-5/32	5/32" Range nozzle	4.98	0.20"/hr	30
WR-11/64	11/64" Range nozzle	6.01	0.24"/hr	30
WR-3/16	3/16" Range nozzle	7.16	0.29"/hr	30
WR-13/64	13/64" Range nozzle	8.45	0.34"/hr	30
WR-7/32	7/32" Range nozzle	9.90	0.40"/hr	30
WR-1/4	1/4" Range nozzle	12.80	0.52"/hr	30
SSN-3/32	3/32" Spreader nozzle	3.22	—	30
SSN-1/8	1/8" Spreader nozzle	1.76	—	30
SNP	Spreader nozzle plug (included with sprinkler)	—	—	50
VANE	Stream straightening vane for range nozzle	—	—	100

WHEEL LINE SYSTEMS

POWERROLL / SOLAROLL

PERFORMANCE DATA - WR-33 BRASS IMPACT SPRINKLER

NOTE: Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above. Highest point of stream is 8 ft. above nozzle with 1/8" nozzle at normal operating pressure. Performance stated at base pressure.



WR-33 SINGLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

1/8"			9/64"		5/32"		11/64"		3/16"		13/64"		7/32"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	—	—	2.88	80'	3.52	82'	4.24	83'	5.00	85'	5.90	86'	6.85	88'
30	—	—	3.15	81'	3.85	85'	4.64	88'	5.50	91'	6.50	94'	7.55	95'
35	—	—	3.40	82'	4.16	87'	5.02	90'	6.00	94'	7.05	97'	8.20	100'
40	—	—	3.64	83'	4.45	88'	5.37	92'	6.40	96'	7.55	99'	8.80	102'
45	3.05	82'	3.86	84'	4.72	89'	5.70	94'	6.80	98'	8.00	101'	9.35	104'
50	3.22	83'	4.07	85'	4.98	90'	6.01	95'	7.20	100'	8.45	103'	9.90	106'
55	3.38	84'	4.27	86'	5.22	91'	6.30	96'	7.50	101'	8.85	104'	10.40	107'
60	3.53	85'	4.46	87'	5.45	92'	6.57	97'	7.90	102'	9.25	105'	10.75	108'
65	3.68	86'	4.65	88'	5.68	93'	6.83	98'	8.20	103'	9.60	106'	11.10	109'
70	3.82	86'	4.83	89'	5.90	94'	7.09	99'	8.50	104'	9.95	107'	11.40	110'
75	3.96	87'	5.00	90'	6.11	95'	7.34	100'	8.80	105'	10.25	108'	11.70	111'
80	4.09	87'	5.17	91'	6.30	96'	7.58	101'	9.10	106'	10.50	109'	12.00	112'

WR-33 DOUBLE NOZZLE - 27 DEG. TRAJECTORY (NO VANE)

9/64" x 3/32"			5/32" x 3/32"		11/64" x 3/32"		3/16" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	4.18	80	4.83	82	5.55	83	6.31	85	7.40	85	8.30	86	9.25	88
30	4.58	81	5.28	85	6.07	88	6.93	91	8.15	91	9.15	94	10.20	96
35	4.95	82	5.71	87	6.57	90	7.51	94	8.83	94	9.93	97	11.10	100
40	5.29	83	6.11	88	7.03	92	8.03	96	9.46	96	10.65	99	11.90	102
45	5.61	84	6.48	89	7.46	94	8.53	98	10.05	98	11.30	101	12.65	104
50	5.91	85	6.82	90	7.78	95	9.00	100	10.60	100	11.90	103	13.35	106
55	6.20	86	7.15	91	8.25	96	9.45	101	11.10	101	12.50	104	14.00	107
60	6.48	87	7.47	92	8.60	97	9.86	102	11.60	102	13.00	105	14.50	108
65	6.75	88	7.78	93	8.93	98	10.27	103	12.10	103	13.50	106	15.00	109
70	7.00	89	8.08	94	9.25	99	10.66	104	12.50	104	14.00	107	15.45	110
75	7.25	90	8.37	95	9.56	100	11.02	105	12.90	105	14.40	108	15.90	111
80	7.49	91	8.65	96	9.87	101	11.36	106	13.25	106	14.80	109	16.30	112



PERFORMANCE DATA - WR-32 BRASS IMPACT SPRINKLER

Aluminum arm for low gallonage applications.

WR-32 SINGLE NOZZLE - ALUMINUM ARM

7/64"			1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	—	—	2.25	78'	2.88	80'
30	—	—	2.47	79'	3.15	81'
35	—	—	2.68	80'	3.40	82'
40	—	—	2.87	81'	3.64	83'
45	2.32	80'	3.05	82'	3.86	84'
50	2.45	80'	3.22	83'	4.07	85'
55	2.57	81'	3.38	84'	4.27	86'
60	2.68	82'	3.53	85'	4.46	87'
65	2.79	82'	3.68	86'	4.65	88'
70	2.90	83'	3.82	86'	4.83	89'
75	3.00	83'	3.96	87'	5.00	90'
80	3.10	84'	4.09	87'	5.17	91'

WR-32 SINGLE NOZZLE - ALUMINUM ARM WITH STRAIGHTENING VALVE

7/64"			1/8"		9/64"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.
25	—	—	2.25	82'	2.88	85'
30	—	—	2.47	84'	3.15	87'
35	—	—	2.68	85'	3.40	89'
40	—	—	2.87	86'	3.64	91'
45	2.32	82'	3.05	87'	3.86	92'
50	2.45	83'	3.22	88'	4.07	93'
55	2.57	84'	3.38	89'	4.27	94'
60	2.68	85'	3.53	90'	4.46	95'
65	2.79	86'	3.68	91'	4.65	96'
70	2.90	87'	3.82	92'	4.83	97'
75	3.00	88'	3.96	93'	5.00	98'
80	3.10	89'	4.09	94'	5.17	100'

WHEEL LINE SYSTEMS

POWEROLL / SOLAROLL



PERFORMANCE DATA - WR-35 ADJUSTABLE PART CIRCLE BRASS IMPACT SPRINKLER

NOTE: Optional straightening vane will increase diameters by 4-8% at pressures of 40 psi and above. Highest point of stream is 7 ft. above nozzle with 1/8" nozzle at normal operating pressure. Performance stated at base pressure.

WR-35 SINGLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

5/32"			11/64"		3/16"		13/64"		7/32"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
30	3.85	84'	4.64	87'	5.50	89'	6.50	96'	7.55	94'
35	4.16	85'	5.02	88'	5.96	92'	7.05	95'	8.20	96'
40	4.45	87'	5.37	90'	6.38	94'	7.55	97'	8.80	98'
45	4.72	88'	5.70	92'	6.78	96'	8.00	99'	9.35	100'
50	4.98	89'	6.01	93'	7.16	98'	8.45	101'	9.90	102'
55	5.22	90'	6.30	94'	7.52	100'	8.85	102'	10.40	104'
60	5.45	91'	6.57	96'	7.85	101'	9.25	103'	10.75	105'
65	5.68	92'	6.83	97'	8.18	102'	9.60	104'	11.10	106'
70	5.90	93'	7.09	98'	8.50	103'	9.95	105'	11.40	107'

WR-35 DOUBLE NOZZLE - 25 DEG. TRAJECTORY (NO VANE)

9/64" x 3/32"			5/32" x 3/32"		11/64" x 3/32"		3/16" x 3/32"		3/16" x 1/8"		13/64" x 1/8"		7/32" x 1/8"	
PSI	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.	GPM	DIA.
30	4.58	80'	5.28	84'	6.07	87'	6.93	89'	8.15	89'	9.15	93'	10.20	94'
35	4.95	81'	5.71	85'	6.57	88'	7.51	92'	8.83	92'	9.93	95'	11.10	96'
40	5.29	82'	6.11	87'	7.03	90'	8.03	94'	9.46	94'	10.65	97'	11.90	98'
45	5.61	83'	6.48	88'	7.46	92'	8.53	96'	10.05	96'	11.30	99'	12.65	100'
50	5.91	84'	6.82	89'	7.87	93'	9.00	98'	10.60	98'	11.90	101'	13.35	102'
55	6.20	85'	7.15	90'	8.25	94'	9.45	100'	11.10	100'	12.50	102'	14.00	104'
60	6.48	86'	7.47	91'	8.60	96'	9.86	101'	11.60	101'	13.00	103'	14.50	105'
65	6.75	87'	7.78	92'	8.93	97'	10.27	102'	12.10	102'	13.50	104'	15.00	106'
70	7.00	88'	8.08	93'	9.25	98'	10.66	103'	12.50	103'	14.00	105'	15.45	107'



A Division of Travis Pattern & Foundry

POWERROLL SYSTEM PLANNING SHEET

5" Motor: 6HP 7HP Coupler Style: 48 58
Clamps: _____ Feed Arrangement: End Center Hose: _____ Riding Stand: _____ VOE: _____ Sprinklers: _____
Levelers: _____ Stabilizer: _____

FIGURING QUANTITIES: x= line length _____ ft. ÷ 40 = _____ Couplers: (x) _____ Sprinklers: (x+1) _____
Presses: (x+1) 2 _____ Wheels: (x+3) _____ + _____ Extra Wheels = _____ Total Wheels: _____

QTY.	DESCRIPTION	P/N	LIST PRICE	EXT. LIST PRICE	NET
_____	70 MOVER UNIT 6HP	70-_____		\$ _____	
_____	70 MOVER UNIT 7HP	70-_____ 7HP		\$ _____	
_____	ENGINE COVER	70-404		\$ _____	
_____	HUB ADAPTER 4"	70-11-4		\$ _____	
_____	HUB ADAPTER 5"	70-11-5		\$ _____	
_____	RIDING STAND	70RS		\$ _____	
_____	COUPLER SET	(48) 58-4FWTD		\$ _____	
_____		(48) 58-5FWTD		\$ _____	
_____		(48) 58-4PR		\$ _____	
_____		(48) 58-5PR		\$ _____	
_____	BANDLOCK CLAMPS	58-4-2S		\$ _____	
_____		48-4-2		\$ _____	
_____		48-5-2		\$ _____	
_____	END PLUGS	(49) 59-5PRM		\$ _____	
_____		(49) 59-5PRF		\$ _____	
_____		49-4PRM		\$ _____	
_____		49-5PRF		\$ _____	
_____	END ADAPTERS	(48) 58-5-4-PRF		\$ _____	
_____		(48) 58-4-3- PRF		\$ _____	
_____		48-4-4PRF		\$ _____	
_____		(48) 58-5-4PRM		\$ _____	
_____		48-4-4PRM		\$ _____	
_____	CENTER FEEDS	2-5-4-58 (48) P (HL)		\$ _____	
_____		2-4-4-48P (HL)		\$ _____	
TOTAL:				\$ _____	
DISCOUNT:				\$ _____	
TOTAL NET PRICE:				\$ _____	

WHEEL LINE SYSTEMS

POWEROLL / SOLAROLL

POWEROLL SYSTEM PLANNING SHEET - PAGE 2

QTY.	DESCRIPTION	P/N	LIST PRICE	EXT. LIST PRICE	NET
_____	REDUCER	48-5-4R		\$ _____	
_____		48-4-5R		\$ _____	
_____	STABILIZER - 76"	22-4-76 / 22-5-76		\$ _____	
_____	STABILIZER - 57" - 64"	22-4-57 / 22-5-57		\$ _____	
_____	WHEELS	27 - 4/5-46		\$ _____	
_____		27 - 4/5-57		\$ _____	
_____		27 - 4/5-64		\$ _____	
_____		27 - 4/5-76		\$ _____	
_____	HOSE	49-20-4CX (G)		\$ _____	
_____	HOSE ENDS	49-6CX (G)		\$ _____	
_____	LEVELERS	L-75		\$ _____	
_____	SPRINKLERS	WR-33		\$ _____	
_____	NOZZLES	WR-(SIZE)		\$ _____	
_____	1 X 3/4 X 12" GALV. STEEL LEVER ELL	SLE 1-12S		\$ _____	
_____	NIPPLES 6"	11505-1		\$ _____	
_____	REDUCING ELL	11501-5		\$ _____	
_____	1 X 3/4 X 18" ALUM. LEVER ELL	SLE 1-18A		\$ _____	
_____	L.. F. 4" TORQUE TUBE X _____ / FT	—		\$ _____	
_____	L.. F. 5" TORQUE TUBE X _____ / FT	—		\$ _____	
	BASIS FOR TUBE PRICING: _____				
_____	PRESSING 4"	P4Q	—	\$ _____	
_____	PRESSING 5"	P5	—	\$ _____	
TOTAL:				\$ _____	
DISCOUNT:				\$ _____	
TOTAL NET PRICE FROM PREVIOUS PAGE:				\$ _____	
TOTAL NET PRICE:				\$ _____	

COUPLER RINGS AND MALE ENDS

RINGS WITH NUTS AND BOLTS



2" & 3" Aluminum



4" Aluminum



5" & 6" Aluminum



6", 7" & 8" Aluminum



2", 3" & 4" Aluminum



5" & 6" Steel

Part #	Part Weight	Part Size
8-2RNB	0.60 lbs	2"
8-3RNB	0.70 lbs	3"
8-4URNB	0.80 lbs	4"
8-5URNB	1.40 lbs	5"
8-6URNB	1.70 lbs	6"
8-7SRNB	4.50 lbs	7"
8-8SRNB	4.90 lbs	8"

2" and 3" aluminum rings supplied with 5/16" x 1-1/2" carriage bolt and heavy hex nut.

4" aluminum rings supplied with (1) 5/16" x 1" carriage bolt and heavy hex nut and (1) 5/16" x 1-1/2" carriage bolt and heavy hex nut.

5" and 6" rings supplied with (2) 3/8" x 1-1/4" carriage bolts and heavy hex nuts and (1) 3/8" x 1-3/4" carriage bolt and heavy hex nut.

7" and 8" rings supplied with (1) 1/2" x 1-3/4" cap screw and heavy hex nut and (2) 1/2" x 2" cap screw and heavy hex nut. 7" and 8" rings are warranted to 75 PSI only. For higher pressures see Weld-On Male Ends located in the Mainline section.

WELD-ON MALE ENDS WITH NUTS AND BOLTS ONLY

Part #	Part Weight	Part Size
8-6 WMNB	3.10 lbs	6"
8-7 WMNB	3.10 lbs	7"
8-8 WMNB	4.10 lbs	8"

SWIVEL RINGS WITH NUTS AND BOLTS

ONE PIECE ALUMINUM SWIVEL RINGS

Part #	Part Size
8-2SR	2"
8-3SR	3"
8-4SR	4"

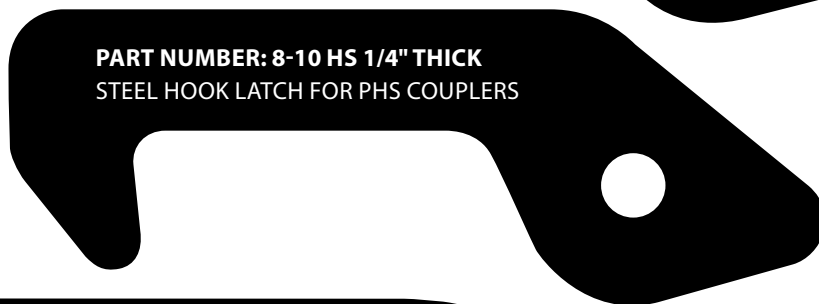
TWO PIECE GALVANIZED STEEL SWIVEL RINGS

Part #	Part Size
8-5SR	5"
8-6SR	6"

Order by pipe size.

Required for reversible tees and elbows, MXFR Series. Rings include zinc plated nuts and bolts. Latches packaged and priced separately.

HOOK LATCH IDENTIFICATION SHEET



COUPLER LATCHES, SPACERS AND HALF CLAMPS

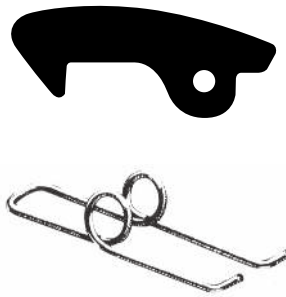
HOOK STYLE LATCHES



Part #	Description	Part Weight	Pieces per carton
8-10F	Manganese Bronze	1.20 lbs	16
8-10SS	Steel for PSS couplers	0.10 lbs	100
8-10HL	Steel for PHL couplers	0.50 lbs	48
8-10HS	Steel for PHS couplers	0.40 lbs	100
8-10G	Steel for PHL end plugs	0.30 lbs	48

*** For easy identification of Hook Latches, see full size drawings on "Hook Latch Identification" page or consult factory.*

SPRING LOADED LATCH ASSEMBLY



Part #	Description	Part Weight	Pieces per carton
8-10HU	Latch for UP & UW coupler	0.50 lbs	100
8-10ST *	Latch for PSS coupler (obsolete)	0.20 lbs	100
8-10HST *	$\frac{3}{16}$ " steel hook latch (obsolete)	0.20 lbs	100
8-10SU	Spring for UP and RFR coupler (Rainway spring)	1.00 lbs	100
8-10SP	Spring for PSS coupler	1.00 lbs	100

For use with PSS Couplers and Universal "U" Series hook couplers.

**3/16 thick latches are obsolete, use 8-10SS and 8-10HS.*

SPACER WASHER FOR HOOK LATCHES



8-10 HSW (obsolete)

Part #	Part Weight
8-10HSW	0.062 lbs

Use 9401400260 1 $\frac{1}{4}$ " OD x $\frac{5}{16}$ " ID fender washer (2 req.)

For use with obsolete 8-10ST and 8-10 HST hook latches.

"C" SERIES HALF CLAMPS FOR "S" SERIES BOLT-ON COUPLERS

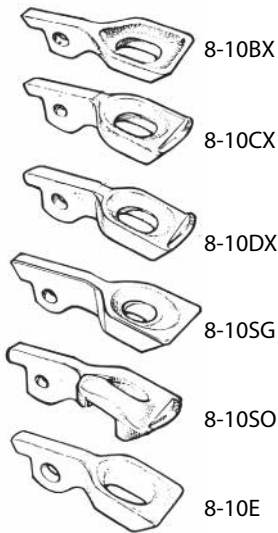


Part #	Part Weight	Part Size
8-2C for 1-2-1S	0.25 lbs	2"
8-3C for 1-3-1S	0.30 lbs	3"
8-4C for 1-4-1S	0.40 lbs	4"
8-5C for 1-5-1S	1.00 lbs	5"
8-6C for 1-6-1S	1.00 lbs	6"

One clamp required per coupler.

8-2 C, 8-3 C, & 8-4 C require (2) 5/16" x 1" carriage bolts and nuts.

8-5 C & 8-6 C require (2) 5/16" x 1-1/2" carriage bolts and nuts.



COUPLER LATCHES

KNOB STYLE LATCHES

Part #	Description	Part Weight	Tube Size	Hole Size
8-10BX	Bronze Positive Style	0.50 lbs	5", 6"	$\frac{3}{8}$ "
8-10CX	Cast Aluminum Positive Style	0.25 lbs	2", 3", 4"	$\frac{5}{16}$ "
8-10DX	Cast Aluminum Positive Style	0.30 lbs	5", 6"	$\frac{3}{8}$ "
8-10SG	Cast Aluminum Speedmatic	0.30 lbs	2", 3", 4"	$\frac{5}{16}$ "
8-10SO	Cast Aluminum Positive Style	0.30 lbs	3", 4"	$\frac{5}{16}$ "
8-10E	Bronze Positive Style	0.40 lbs	7"	$\frac{1}{2}$ "

Note: For 8" aluminum Mainline couplers, see 8-10F Hook Style Latch.

FASTENERS



Part #	Use	Description	Box Qty.
9401050260	Rings	$\frac{5}{16}$ " x 1" Carriage Bolt	100
9401060280	Rings	$\frac{5}{16}$ " x 1 $\frac{1}{2}$ " Carriage Bolt	100
9401050480	Rings	$\frac{3}{8}$ " x 1 $\frac{1}{4}$ " Carriage Bolt	100
9401060500	Rings	$\frac{3}{8}$ " x 1 $\frac{3}{4}$ " Carriage Bolt	100
9401010870	Rings	$\frac{1}{2}$ " x 1 $\frac{1}{2}$ " CS	100
9401010890	Rings	$\frac{1}{2}$ " x 2" CS	100
9401220110	2", 3", 4" Rings	$\frac{5}{16}$ " Heavy Hex Nut	100
9401220120	5" & 6" Rings	$\frac{3}{8}$ " Heavy Hex Nut	100
9401220140	7" & 8" Rings	$\frac{1}{2}$ " Heavy Hex Nut	100
9401010470	Wheels	$\frac{3}{8}$ " x 1" Cap screw	100
9401200120	Wheels	$\frac{3}{8}$ " Auto Hex Nut	100
9401010500	Powerroll Couplers	$\frac{3}{8}$ " x 1 $\frac{3}{4}$ " Cap screw	100
9401400120	58 Series Couplers	$\frac{3}{8}$ " Flat Washer	1
9401410120	48 Series Couplers	$\frac{3}{8}$ " Lock Washer	1
11504-12	Wheels	$\frac{3}{8}$ " Auto Hex Nut	4,000
11504-13	Wheels	$\frac{3}{8}$ " x 1" Cap screw	1,200

Note: When ordering, part numbers correspond to the unit quantity shown.

Special grade carriage bolts and heavy hex nuts are for use with Wade'Rain Ring and Latch sets. All other fasteners are standard grade 2. All fasteners are zinc plated for durability. All sizes are available in bulk packaging. Call for current prices on bulk quantities.

PARTS FOR CAST ALUMINUM COUPLING FOR DRESSER TYPE CONNECTIONS

Price Varies By Size - Stainless Available



Bolt, Nut & Washer

SLEEVE CASTING

Part



SFC-2B

SFC-3B

SFC-4B

SFC-5B

SFC-6B

SFC-8B

SFC-10B

FLANGES

Part



SFC-2F

SFC-3F

SFC-4F

SFC-5F

SFC-6F

SFC-8F

SFC-10F

RING GASKET

Part



SFC-2G

SFC-3G

SFC-4G

SFC-5G

SFC-6G

SFC-8G

SFC-10G

GASKETS

Wade'Rain fittings feature controlled draining with a gasket designed for every irrigation use. Correct gasket selection assures the rate of draining required for best coupler performance.

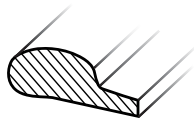
Interchangeable gaskets: Gaskets can be interchanged to control the rate of draining.

- **NO GASKET CAN ASSURE COMPLETE LINE DRAINAGE**
- **GASKET DRAINING IS NOT A SUITABLE REPLACEMENT FOR WINTERIZATION OF IRRIGATION LINES AND DOES NOT PROTECT LINES FROM FREEZE DAMAGE.**

Only gaskets with cross sections 1, 2 or 3 are interchangeable.



Cross Section	Mostly Used On	Key	Drainage	Sizes	Seal Pressure	Max. Working Pressure
#1	Lateral Line	L	Normal fast	3" thru 6"	3 to 4 psi	125#
#1	Mainline	M	Normal slow	2" thru 10"	2 to 3 psi	125#
#2	Supply Line	MT	Very slow	3" thru 10"	0 psi	125#
#3	Powerroll / Handline	F	Very fast	3" thru 5"	5 to 6 psi	125#
#4	Bolt-on Lateral	J	—	1 1/2" thru 6"	1 to 2 psi	125#



#1 CROSS SECTION (L&M) LATERAL LINE GASKET (NORMAL FAST)

Part #	Part Weight	Part Size
10-6-3L	1.00 oz	3"
10-6-4L	1.50 oz	4"
10-6-5L	2.00 oz	5"
10-6-6L	3.00 oz	6"

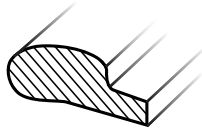
MAINLINE GASKETS (NORMAL SLOW)

Part #	Part Weight	Part Size
10-6-2M	0.50 oz	2"
10-6-3M	1.00 oz	3"
10-6-4M	1.80 oz	4"
10-6-5M	2.00 oz	5"
10-6-6M	3.00 oz	6"
10-6-7M	3.80 oz	7"
10-6-8M	4.50 oz	8"
10-6-10M	5.50 oz	10"



#2 CROSS SECTION (MT) SOLID SET & FLOW LINE GASKETS (VERY SLOW)

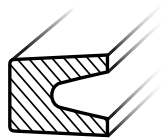
Part #	Part Weight	Part Size
10-6-2MT	1.00 oz	2"
10-6-3MT	1.50 oz	3"
10-6-4MT	2.00 oz	4"
10-6-5MT	2.50 oz	5"
10-6-6MT	3.00 oz	6"
10-6-8MT	4.50 oz	8"
10-6-10MT	5.50 oz	10"



#3 CROSS SECTION (F) LATERAL LINE & POWEROLL GASKETS (VERY FAST)

Part #	Part Weight	Part Size
10-6-3F	1.00 oz	3"
10-6-4F	1.50 oz	4"
10-6-4/5F *	1.70 oz	4 1/2"
10-6-5F	2.00 oz	5"

* Order for all 58 series couplers



#4 CROSS SECTION (J) BOLT-ON END COUPLER GASKETS (COUPLERS HAVING DOUBLE BOLT TYPE CLAMP) REPLACES "O" RING GASKETS

Part #	Part Weight	Part Size
10-6-2J	1.00 oz	2"
10-6-3J	1.50 oz	3"
10-6-4J	2.00 oz	4"
10-6-5J	2.50 oz	5"
10-6-6J	3.00 oz	6"

SOLID SET GASKETS

Part #	Part Weight	Part Size
10-6-1J	0.50 oz	1 1/2"



POWEROLL HUB ADAPTER GASKET

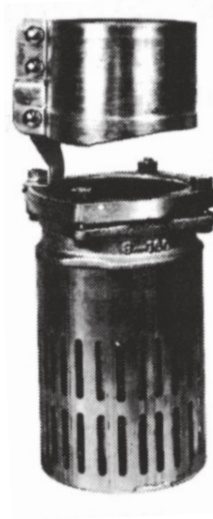
Part #	Part Weight	Part Size
50-28	2.00 oz	4" & 5"

DRESSER TYPE GASKETS FOR USE WITH WADE RAIN FOOT VALVES & SUCTION ELBOWS

Part #	Part Weight	Part Size
10-6-3K	0.10 lbs	3"
10-6-4K	0.20 lbs	4"
10-6-5K	0.25 lbs	5"
10-6-6K	0.40 lbs	6"
10-6-8K	0.50 lbs	8"

CHEVRON GASKETS

Part #	Part Weight	Part Size
10-6-3U	0.10 lbs	3"



FOOT VALVE PARTS

SAFETY RING AND LINK

Part #	Part Weight	Part Size
9-20-3	0.80 lbs	3"
9-20-4	0.80 lbs	4"
9-20-5	1.00 lbs	5"
9-20-6	1.10 lbs	6"
9-20 (Safety Link Only)	0.30 lbs	All

SLOTTED VALVE SCREEN

Part #	Part Weight	Part Size
9-13-3	0.50 lbs	3"
9-14-3	1.00 lbs	4"
9-15-3	1.50 lbs	5"
9-16-3	1.50 lbs	6"

FLAPPER ASSEMBLY

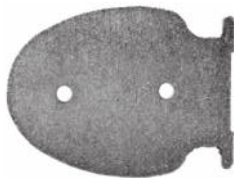
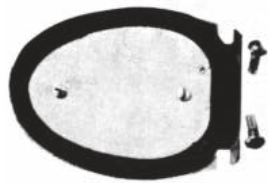
Part #	Part Weight	Part Size
10-9-1-3	0.80 lbs	3"
10-9-1-4	0.80 lbs	4"
10-9-1-6	1.00 lbs	5" & 6"

RUBBER FLAPPER

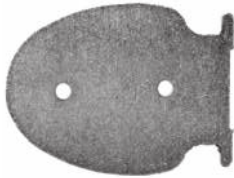
Part #	Part Weight	Part Size
10-9-2-3	0.10 lbs	3"
10-9-2-4	0.25 lbs	4"
10-9-2-6	0.50 lbs	5" & 6"

HINGE SCREW

Part #	Part Weight	Part Size
4227	0.10 oz	All



Foot valve dresser gasket
on previous page.



UPPER STEEL DISC

Part # **Part Size**

10-9-3-3 3"

10-9-3-4 4"

10-9-3-5 5" & 6"



LOWER STEEL DISC

Part # **Part Size**

10-9-4-3 3"

10-9-4-4 4"

10-9-4-5 5" & 6"



TOP CLAMP RINGS

Part # **Part Weight** **Part Size**

9-13C1 0.50 lbs 3"

9-14C1 0.70 lbs 4"

9-15C1 0.90 lbs 5"

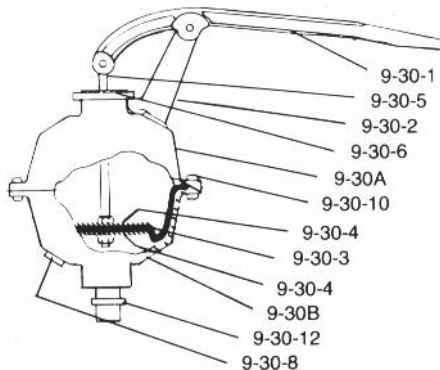
9-16C1 1.10 lbs 6"

9-18C1 1.30 lbs 8"

Also used on 3-4C thru 3-8C suction elbows.

Wade dresser gaskets available, see page 119.

9-30 DIAPHRAGM PUMP PARTS



Part # **Description** **Part weight** **Qty. Req.**

9-30A Body, top half 2.00 lbs 1

9-30B Body, lower half 2.00 lbs 1

9-30-1 Handle 1.00 lbs 1

9-30-2 Handle support 0.50 lbs 1

9-30-3 Rubber diaphragm 0.40 lbs 1

9-30-4 Steel diaphragm 0.60 lbs 2

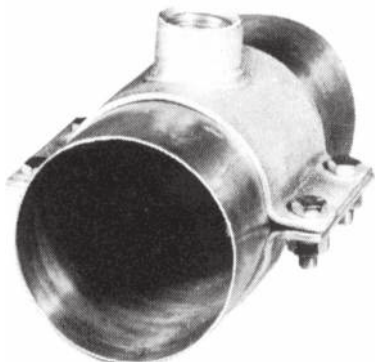
9-30-5 Connecting rod & nut 0.30 lbs 1

9-30-6 Handle bracket lock nut 0.40 lbs 1

9-30-8 Rubber discharge valve 0.10 lbs 1

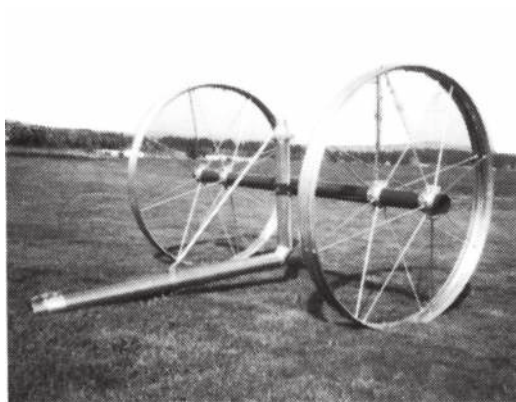
9-30-12 Ball check valve w/ball 0.20 lbs 1

9-30-13 Stainless ball only 0.10 lbs 1



PARTS FOR CENTER RISER OUTLET

Part #	Description	Part Size
13-3B	Bottom	3"
13-3T	Top	3"
13-4B	Bottom	4"
13-4T	Top	4"
13-5B	Bottom	5"
13-5T	Top	5"
13-6B	Bottom	6"
13-6T	Top	6"
13-8B	Bottom	8"
13-8T	Top	8"
4506-1	O'Ring fits all sizes	—
9401010470	$\frac{3}{8}$ x 1 C S	—
9401200120	$\frac{3}{8}$ Auto He Nut	—

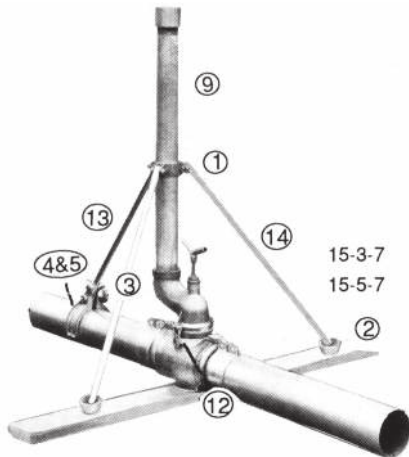


5000 SERIES BIG GUN® CART

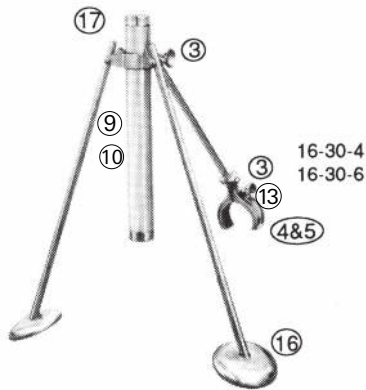
Part #	Description
13-4B	Clamp Bottom
6069-3	Center Tube (axle)
6074-7	Center Journal
6100	Main Tube, 4" inlet
6103	Main Tube, 3" inlet
6101	Brace
70-4	Tail wheel clamp (6 req.)
8-4URNB	Ring Set 4"
8-3RNB	Ring Set 3"
8-10DX	Positive Latch (Knob style)
8-10G	Hook Style Latch

** For Big Gun® Wheels refer to Powerroll section.*

STANDS FOR GIANT SPRINKLERS



15 Series



16 Series



17 Series

Part #	Description	Part Weight
1	15-5-2 Tripod bracket for 3" riser pipe	3.00 lbs
2	15-5-3 Tripod cups (2 req.)	0.70 lbs
3	15-5-4 Knob	0.50 lbs
4	15-3-6A&B Pipe clamp w/bolt for 3" & 4" tubing	1.50 lbs
5	15-5-6A&B Pipe clamp w/bolt for 5" & 6" tubing	1.60 lbs
6	15-5-4-2 3/8" x 4" SS cap screw	0.20 lbs
9	15-5-8 3" x 30" aluminum riser pipe, TBE	6.50 lbs
10	15-5-9 3" x 72" aluminum riser pipe, TBE	16.50 lbs
11	15-5-10 Set of 5 nuts & bolts for each tripod	0.20 lbs
12	15-3-9 Clevis (2 req.)	0.10 lbs
13	15-5-12 Leg 30"	2.00 lbs
14	15-3-10 Leg 36"	2.40 lbs
15	16-5-0 Bolt pack, includes 15 5-4 knob	—
16	16-5-11 Leg with pad	—
17	16-5-2A Riser clamp	—
18	6057-4 Base shoe	—
19	6057-6 Riser assembly for 17-3 (3" inlet)	—
19	6057-20 Riser assembly for 17-4 (4" inlet)	—
20	6057-7 Upper leg	—
21	6057-8 Leg brace	—
22	6057-9 Lower leg	—
23	6081 Half clamp	—

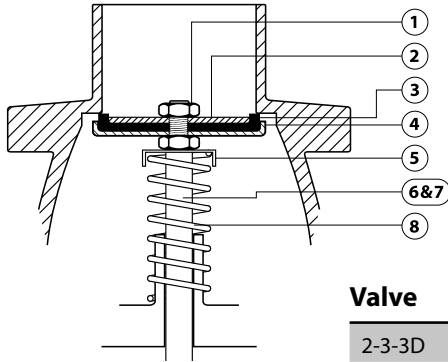
15 Series Tripod Sprinkler Stands (Obsolete)

16 Series Tripod Sprinkler Stands

17 Series Tripod Sprinkler Stands

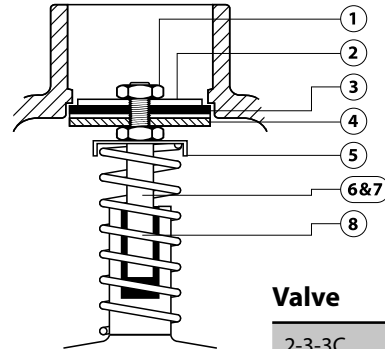
For Gooseneck Elbow parts, see valve opener parts.

MAINLINE TEE AND HYDRANT PARTS INWARD OPENING (↓) "D" AND "C" SERIES



"D" SERIES

Valve	Valve	Valve
2-3-3D	2-5-4D	2-6-6DS
2-4-3D	2-6-4D	2-7-6 DS
2-4-3MXF	2-5-4MXF	2-8-6DS
7-3D	2-6-4MXF	7-6D
—	7-4D	2-6-6MXF



"C" SERIES

Valve	Valve	Valve
2-3-3C	2-5-4C	2-6-6CS
2-3-3MXF	2-6-4C	2-7-6CS
2-4-3C	7-4C	2-8-6CS
7-3C	—	7-6C

Description	Part #	Part #	Part #
① Valve jam nuts (requires 2)	10-2-6A	10-2-6B	10-2-6C
② Upper steel disc	10-4-2A	10-4-2B	10-4-2C
③ Valve rubber	10-4-7A	10-4-7B	10-4-7C
④ Lower Steel disc	10-4-3A	10-4-3B	10-4-3C
⑤ Spring cap (tee valve)	10-2-8AB	10-2-8AB	10-2-8C
⑥ Tee valve stem screw	10-4-5A	10-4-5B	10-4-5C
⑦ Hydrant valve stem screw	10-4-5AAB	10-4-5AAB	10-4-5AC
⑧ Valve spring	10-2-4A	10-2-4A	10-2-4C
Valve tee parts set	10-4-1A	10-4-1B	10-4-1C
Valve hydrant parts set	10-4-1AA	10-4-1AB	10-4-1AC

Part #	Part #	Part #
10-2-6AB	10-2-6AB	10-3-2C
10-4-2A	10-4-2B	10-2-2C
10-2-7A	10-2-7B	10-2-7C
10-2-3A	10-2-3B	10-2-3C
10-2-8AB	10-2-8AB	10-2-8C
10-2-5A	10-2-5B	10-2-5C*
10-2-5AB*	10-2-5AB*	10-2-5AC*
10-2-4A	10-2-4A	10-2-4C
10-2-1A	10-2-1B	10-2-1C*
10-2-1AA*	10-2-1AB*	10-2-1AC*

***Obsolete parts - not available**

Part #	List Price (Each)	Part #		Part #		Part #	
10-2-1A	✓	10-2-4C	✓	10-2-8AB	✓	10-4-3A	✓
10-2-1AA	Obsolete	10-2-5A	✓	10-2-8C	✓	10-4-3B	✓
10-2-1AB	Obsolete	10-2-5AB	Obsolete	10-4-1A	✓	10-4-3C	✓
10-2-1AC	Obsolete	10-2-5AC	Obsolete	10-4-1AA	✓	10-4-5A	✓
10-2-1B	✓	10-2-5B	✓	10-4-1AB	✓	10-4-5AAB	✓
10-2-1C	Obsolete	10-2-5C	Obsolete	10-4-1AC	✓	10-4-5AC	✓
10-2-2C	✓	10-2-6AB	✓	10-4-1B	✓	10-4-5B	✓
10-2-3A	✓	10-2-6C	✓	10-4-1C	✓	10-4-5C	✓
10-2-3B	✓	10-2-7A	✓	10-4-2A	✓	10-4-7A	✓
10-2-3C	✓	10-2-7B	✓	10-4-2B	✓	10-4-7B	✓
10-2-4A	✓	10-2-7C	✓	10-4-2C	✓	10-4-7C	✓

VALVES AND MISCELLANEOUS "E" SERIES VALVE OPENER PARTS ("E", "EPH" & "ES") INWARD OPENING (↴)

VALVE ACTUATING ASSEMBLY

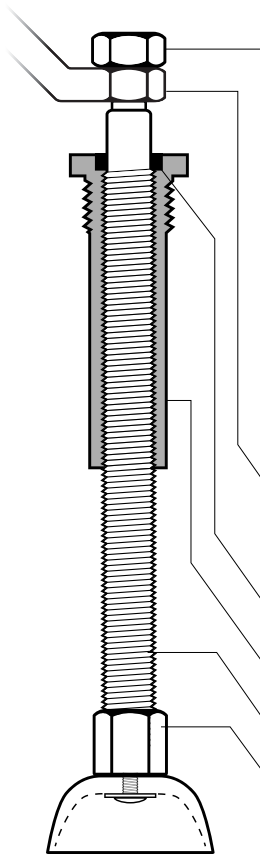
This assembly fits any style Valve Opener or Gooseneck where bushing is threaded into casting. For repairs on older Elbows, refer to factory.

Size A (3/4" bushing thread size): openers for 3" inward opening valves Ex: 3-4-3E

Size B (1" bushing thread size): openers for 4" inward opening valves Ex: 3-6-4E

Size C (1-1/4" bushing thread size): openers for 6" inward opening valves Ex: 3-6-4ES

When ordering, specify Part Number and Size (A, B, or C) For example: "Part Number 10-3-27, Size A"



Part #	Description	3" valve "-A"	4" valve "-B"	6" valve "-C"
10-3-21	↴ Complete assembly, less handle & nut	✓	✓	✓
10-3-2	↴ Stem top nut	✓	✓	✓
10-3-3	↴ Handle	✓ (8" Long)	✓ (11" Long)	—
10-3-23	↴ T-handle	—	—	✓
10-3-25	↴ O-Ring (included with 10-3-26)	✓	✓	✓
10-3-26	↴ Stem bushing	✓ (5 1/4" long)	✓ (5 3/4" long)	✓ (6 1/4" long)
10-3-27	↴ Brass stem screw	✓ (9 1/4" long)	✓ (10 3/4" long)	✓ (11 3/8" long)
10-3-28	↴ Stem guide	✓	✓	✓

LOCKING LEVERS

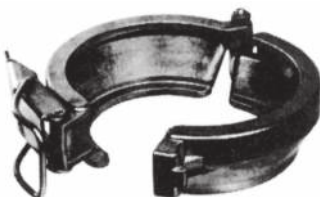
For Mainline valve openers.



Part #	Part weight	Valve Base Size
10-3-9A	1.80 lbs	3"
10-3-10A	2.20 lbs	4"
10-3-10AS	3.00 lbs	6"

UNIVERSAL LOCKING BAND

For locking 3" and 4" valve opening elbows to 4" hydrants.

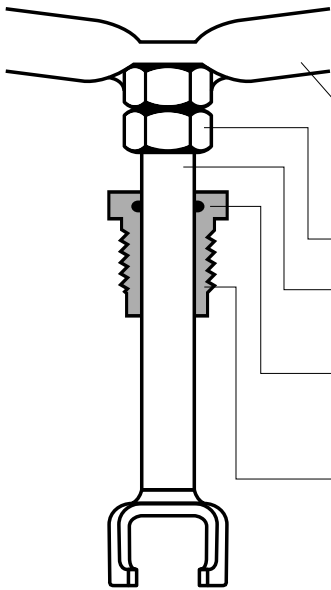


Part #	Description	Part weight	Part Size
10-3-10U	4" Valve Opener Clamp	1.80 lbs	4"
6056	Latch	—	—
6055	Wire Bail	—	—

VALVES AND MISCELLANEOUS

STEM ASSEMBLIES FOR VALVE OPENERS

OUTWARD OPENING (⤴) EH, UEH, U, EHPH Fitting



Part #	Description	Part weight
10-3-23B	⤴ Tee handle	0.60 lbs
10-3-2A	⤴ Top nut	0.30 lbs
10-3-27S	⤴ Valve stem with fork (for all fittings which screw outward to open)	2.00 lbs
10-3-25AB	⤴ Gasket only	0.03 lbs
10-3-26SA	⤴ Bushing with 10-3-25AB For use with 3" outward opening valve openers $\frac{3}{4}$ " dia. thread	0.70 lbs
10-3-26SB	⤴ Bushing with 10-3-25AB (For use with 4" outward opening valve openers 1" dia. thread)	0.90 lbs

TEE VALVE AND HYDRANT PARTS OUTWARD OPENING (⤴)



Part #	Description	Part weight
10-4-5S	⤴ Valve stem screw - plated steel, fits all outward opening tee valves and hydrants	0.60 lbs
10-4-5SB	⤴ Valve stem screw -brass, fits all outward opening tee valves and hydrants	0.60 lbs
10-4-5SS	⤴ Valve stem screw long handle (for powerroll end plugs)	1.20 lbs
10-4-7AS	⤴ 3" molded rubber & steel valve disc (for 7-3S 3" hydrant)	0.70 lbs
10-4-7BS	⤴ 4" molded rubber & steel valve disc (for all 4" outward opening tee valves and hydrants)	0.50 lbs
10-5-29	⤴ Spider (For all 4" outward opening tee valves and hydrants)	0.50 lbs
10-5-30	⤴ Stainless steel roll pin for 10-5-29	0.11 lbs

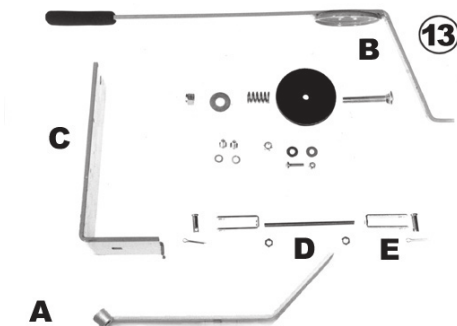
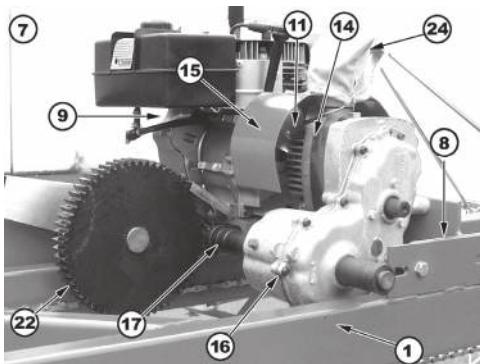
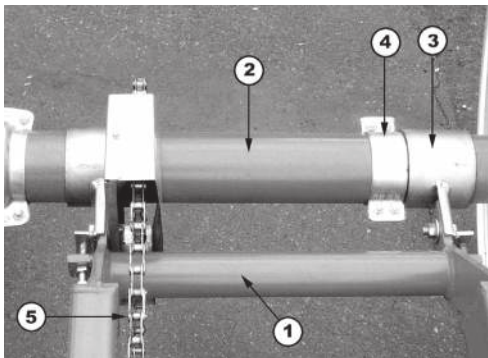
STEEL VALVE OPENING PARTS

For US and UEHS Valve Openers



Part #	Description	Part weight
10-3-23ST	Steel crank handle for $\frac{3}{4}$ " stem	1.20 lbs
10-3-27ST	Steel fork stem $\frac{3}{4}$ "	1.00 lbs
9401530050	Plated steel roll pin	0.10 lbs

70 SERIES HYDROSTATIC POWERROLL MOVER PARTS

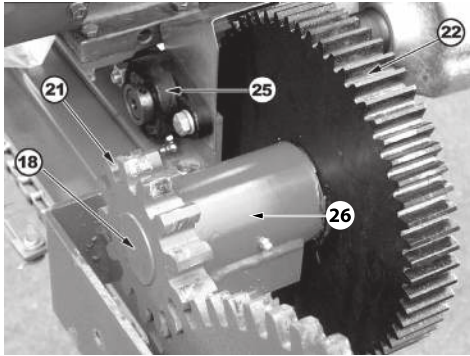
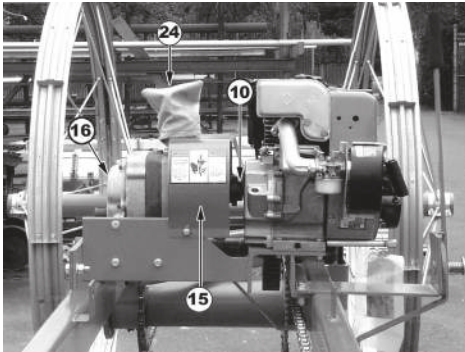


Part #	Description	Part Weight
1 70-395	Main frame	300.00 lbs
2 70-396-14	Tail wheel axle	26.00 lbs
3 70-396-15	Tail wheel bearing	4.00 lbs
4 70-4	Tail wheel clamp	1.00 lbs
5 70-5	Tail wheel chain (157 links plus attach)	7.20 lbs
70-6	Master Link	0.05 lbs
7 70-6MT	5.5 HP engine package	140.00 lbs
7 70-7MT	6.5 HP engine package	140.00 lbs
8 70-402	Motor base	22.70 lbs
9 70-9-6	Engine 5.5 HP manual start, OHV	44.00 lbs
9 70-9-7	Engine 6.5 HP manual start, OHV	45.00 lbs
10 70-10	Flex coupling, complete	1.00 lbs
10 70-10-1	Flex coupling, rubber only	0.40 lbs
11 70-11	Fan only	1.00 lbs
70PB	Parts box	35.00 lbs
13 70-488 *	Complete shift lever assembly	—
13A 70-485	Linkage weldment	—
13B 70-486	Shift handle	—
13C 70-487	Base bracket	—
13D 70-400-1	Clevis rod	—
13E 70-400-2	Clevis	—
70-7-1	Parts bag with spring, N & B pins	—
70FC **	Retrofit plastic engine cover to replace fiberglass covers	—
70-747	Retrofit hinge kit only for cover conversion (included in 70-FC)	—
70-113500	Retrofit cover tie-down kit for 70-404 cover (included in 70-FC)	—

*Shift lever parts for units SN# 12859 (pre 1981) are not available. Order # 70-488 shift lever assembly to convert to new style.

** Engine cover 70FC includes cover part # 70-404, conversion hinges part #70-747 and shift lever assembly part # 70-488 for use on units with serial numbers prior to 12860.

70 SERIES HYDROSTATIC POWERROLL MOVER PARTS



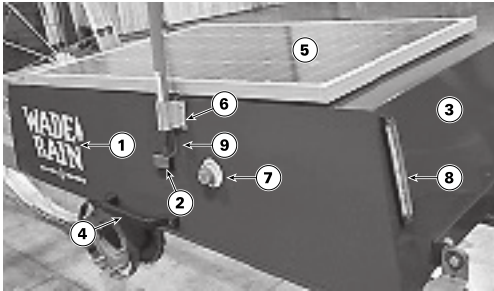
Part #	Description	Part Weight
14 70-12S	Hydrostatic transmission	22.10 lbs
15 70-408	Fan guard	2.20 lbs
16 70-14S	Reduction unit	30.00 lbs
17 70-15	Pinion gear	1.40 lbs
18 70-411	Jack shaft	5.50 lbs
26 70-412 *	Jack bushing assembly	5.00 lbs
70-396-11	Jack shaft bronze bushing only	1.50 lbs
21 70-24	Main drive pinion	3.00 lbs
22 70-396-1	Gear 45 tooth (for 57" wheels)	17.90 lbs
22 70-396-2	Gear 60 tooth (for 64" & 76" wheels)	32.20 lbs
24 70-30	Canvas sock	0.62 lbs
25 70-402-7	McGill bearing	1.00 lbs
70-395-13	Main drive gear 82 tooth	—
70-395-22	Main hub assembly	122.00 lbs
70-555	Gear guard set	—
70-419	500 bore flex coupling flange 4J	—
70-419-2	750 bore flex coupling flange (std for model 70) 4J	—
80-544-49	1000 bore flex coupling flange 4J	—
70-389	Trail wheel chain guard	2.50 lbs
9401540230	Snap ring (on jack shaft)	—
755	Recoil pulley and bracket assembly for models with Tecumseh engines	—

* Jack shaft bushing pressed into housing with grease zirk. Ready to weld on mover frame.
Does not include jack shaft.

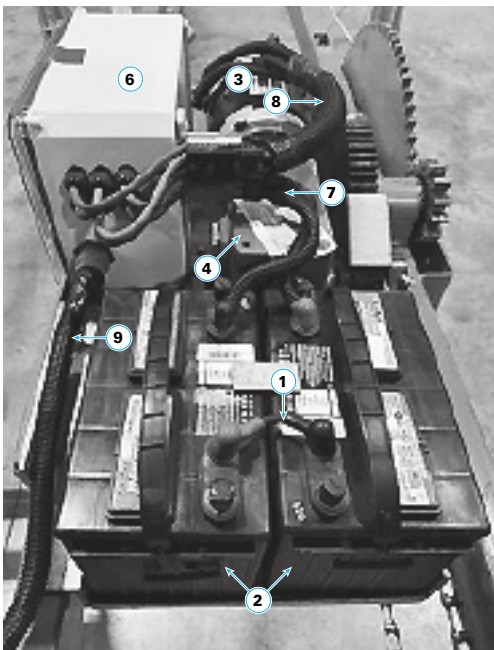
Key Identification:

- **#9401490470** 3/8" x 1" half moon key (big end of jack shaft at 70-24 main gear drive).
- **#9401490490** 3/8" x 1-1/2" half moon key (small end of jack shaft at 45/60 tooth gear).
- **#9401490040** 1/4" x 7/8" half moon key (for pinion gear 70-15 on gear box output shaft).
- **#9401490825** 1/8" x 1/2" half moon key.
1) For fan on input shaft of transmission. 2) For control shaft on bottom of transmission.
- **#70-419-4** 3/16" x 1" square key (for flange 70-419-2 on engine output shaft).

SOLAROLL PARTS



Reference #	Part #	Description
1	70-SOLAR	Decal Set
2	70-SOLAR SWITCH	Movement Switch
3	70-SOLAR CVR	Cover for Solar Mover
4	70-SOLAR HANDLE	Hood Handle and Hardware
5	70-SOLAR PANEL	Solar Panel and Hardware
6	70-SOLAR ANTENNA	Antenna and Hardware
7	70-SOLAR E-STOP	E-Stop and Hardware
8	70-SOLAR LIGHT	LED Cover Light and Hardware
9	70-SOLAR ANT WIRE	Antenna Wire, 40" SMA



Reference #	Part #	Description
1	70-SOLAR JUMP WIRE	Battery Jumper Wire
2	70-SOLAR BATTERY	Deep Cycle Battery
3	70-SOLAR MOTOR	Electric Motor
4	70-SOLAR GEARBOX	Gearbox
5	70-REMOTE	Handheld Remote Controller
6	70-SOLAR CONTROL BOX	Electrical Box Assembly
7	70-SOLAR BAT WIRE	Battery Wire Kit
8	70-SOLAR MOTOR WIRE	Motor Wire Kit
9	70-SOLAR HOOD WIRE	Hood Assembly Wire Kit



POWERROLL ENGINE PARTS

ENGINE IDENTIFICATION

Tecumseh engines are most easily identified by locating the model number on the placard located on the blower housing near the recoil starter. The pulley bracket sometimes covers the placard. Some older engines had the model number stamped into the blower housing.

ENGINE IDENTIFICATION

Model	Color	HP	Year
H60	Orange	6	Up to 93
H70	Orange	7	Up to 93
H60	Black or red	6	93 -99
H70	Black or red	7	93 - 99
HM70	Red and black	7	99 & up
HM80	Red and black	8	99 & up
OHH60	Red and black	6	99 & up

RECOIL STARTER PARTS

Part #	Description	Model	Year
590420A	Rewind starter assembly, 1-pawl	H60/H70	Pre 93
590785	Rewind starter assembly, 2-pawl	H60/H70	93-98
590788	Rewind starter assembly, 2-pawl	OHH60/HM70 & 80	99 & up
31-250	Recoil rope #5, 200ft spool	All (Premium braid nylon)	—
31-904	Starter rope handle	All	—

HYDROSTATIC TRANSMISSION PARTS

Part # Description

70-990077	Expansion reservoir w/ cap
70-10351	Cap only for expansion reservoir
70-12-1	Gasket
70-105713	12 tooth output gear (includes snap ring and 1/8" x 1/2" key)



70-12S



70-14S

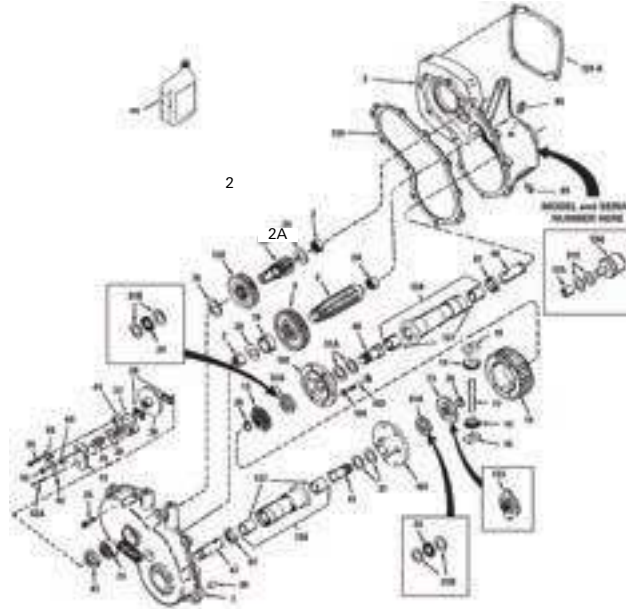
70-12S Hydrostatic Transmission Specified Fluids:

SAE 20W Motor Oil or Premium Hydraulic Oil (Do not mix oil types)

Capacity 1745 ml

70-14S Gearbox (see next page for parts)

*Lubricant: *90 W Gear Oil*



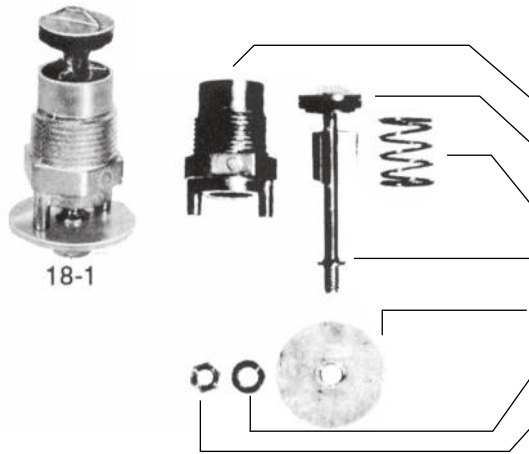
70-14S GEAR BOX PARTS

Part #	Description
1	772063 Cover assembly 1300
2	780013 Needle bearing (2 req.)
2A	780088 Needle bearing (1 req.)
3	770052A Case assembly (incl. 2 & 2A)
5	778041 Output pinion
6	778036 Output gear
13	778220 Bevel gear (2 teeth-steel)
14	778197 Bevel pinion (10 teeth-steel)
15	778033A Ring gear
16	786027 Drive block
17	786019 Drive pin
18	786017 Spacer
25	792046 Screw 1/4 - 20 x 1"
26	792018 Snap ring
29	780001 Washer
31	780042 Thrust washer
31A	780107 Washer
39	786026B Dowel pin
47	774493 Axle (6 3/4" long)

Part #	Description
48	774181 Axle (12 - 23/32" long)
67	776093 Brake shaft
73	780089 Needle bearing (1 req.)
76	780090 Washer
79	792144 Brake spring
85	792010 Pipe plug (2 req.)
87	788008 Oil seal (3 req.)
101	774028A Differential carrier
102	774029A Differential carrier
103	792020 Screw 14 - 20 x 2 - 1/4"
104	27513 Lockwasher 1/4"
124	788044A Case-to-cover gasket
124A	70-12-1 Gasket (same as 788046)
132	778037 Idler gear (30 teeth)
136	782022A L.H. housing & bushing (incl. 137)
137	780054 Bushing
138	782023A R.H. housing & bushing (incl. 137)
180	— Gear oil SAE 80W90 —

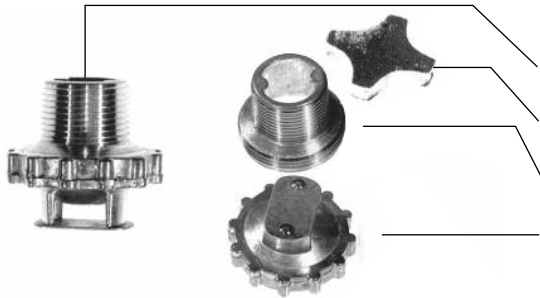
POWEROLL PARTS- DRAIN VALVE PARTS

#18-1 DRAIN VALVE



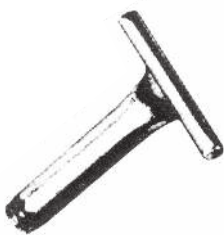
Part #	Description	Part Weight
18-1-2	1" sleeve	0.20 lbs
18-1-6	Rubber Gasket	—
18-1-4	Spring	—
18-1-3	Spider	0.10 lbs
18-1-5	Dispersion Plate	0.10 lbs
18-1-7	Lock Washer	—
18-1-8	Nut	—

#18-0-5 DRAIN VALVE



Part #	Description	Part Weight
18-0-5	Complete drain	0.60 lbs
18-0-6	1" rubber spider	0.10 lbs
18-0-5T	Drain valve top	0.30 lbs
18-0-5B	Drain valve bottom	0.30 lbs

TEXAS T-HANDLE FOR TELESCOPING FEED

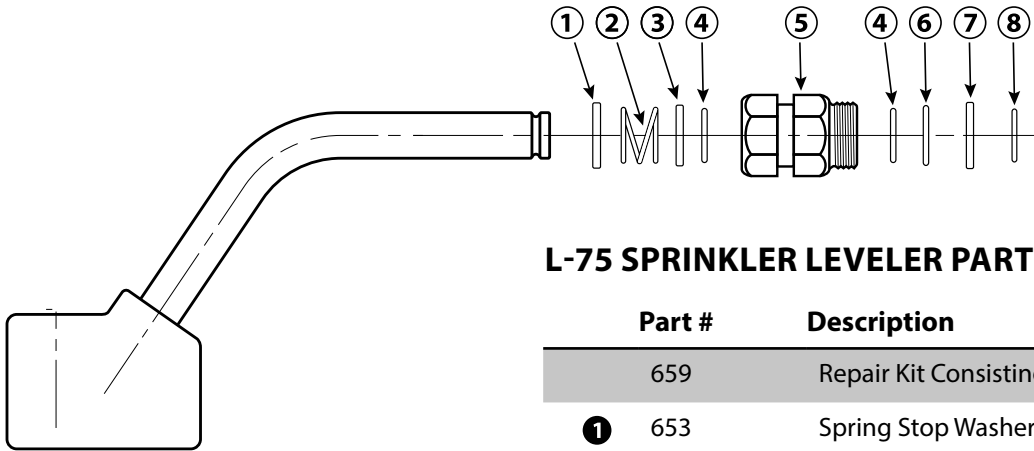


Part #	Description	Part Weight
20-3-25T	$\frac{5}{16}$ " T-handle	0.25 lbs
20-5-25T	$\frac{3}{8}$ " T-handle	0.25 lbs

POWEROLL END PLUG PARTS

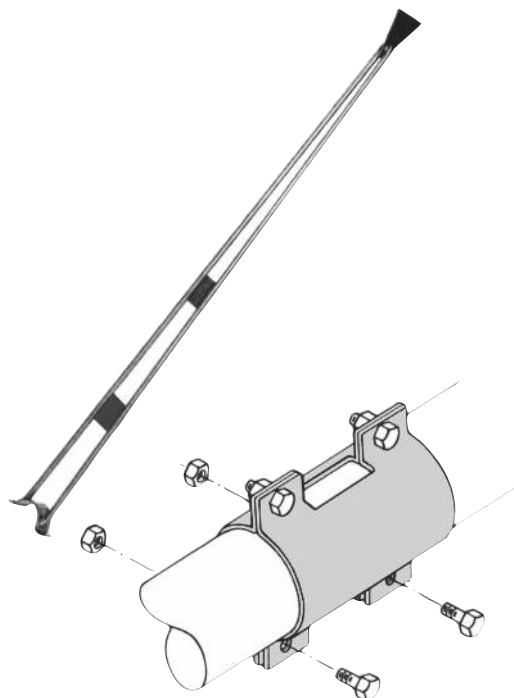


Part #	Description	Part Weight
29-4SP	Splash plate	0.20 lbs
10-4-5SS	Long handle stem screw	1.20 lbs



L-75 SPRINKLER LEVELER PARTS

Part #	Description
659	Repair Kit Consisting of the following
1 653	Spring Stop Washer
2 654	Stainless Spring
3 655	Rubber Washer
4 656	Teflon Washer (2 reg)
5 657	Hex Bearing
6 659-8	O-Ring
7 658	Brass Retainer Washer
8 659-10	Stainless Snap Ring



RATCHETED LINE ANCHOR STABILIZER BAR STABILIZER LEG

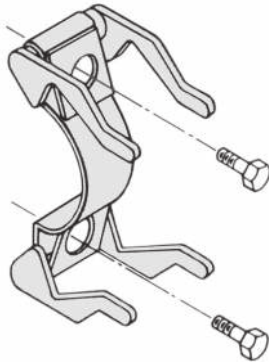
Part #	Part Weight	Wheel Size	Tubing Size
22-4-16	13.60 lbs	57" & 64"	4"
22-4-17	14.80 lbs	76"	4"
22-5-5	14.30 lbs	57" & 64"	5"
22-5-6	15.10 lbs	76"	5"

PIPE CLAMPS

Part #	Part Weight	Tubing Size
22-4-1 (Clamp half)	1.30 lbs	4"
22-5-1 (Clamp half)	1.50 lbs	5"

(Nuts and Bolts Not Included)

For each clamp order two (2) halves. Two clamp halves required for each leg.
Use 3/8 x 1 cap screw and 3/8 hex nut.



RATCHET CLAMP

Part # Part Weight Tubing Size

22-4-14	4.10 lbs	4"
22-5-3	4.40 lbs	5"

One required for each leg (Nuts and Bolts not included).



REINFORCING BANDS

Part # Description Material Part Size

28-4-1-A	Use with 48-4PR and 58-4PR aluminum couplers	Aluminum	4"
1-5MP-1	Use with 1-5MP, 48 5PR, 58-5PR and 2-5-4P aluminum coupler	Aluminum	5"
1-6MP-1	1-6MP & 2-6-4P aluminum couplers	Aluminum	6"

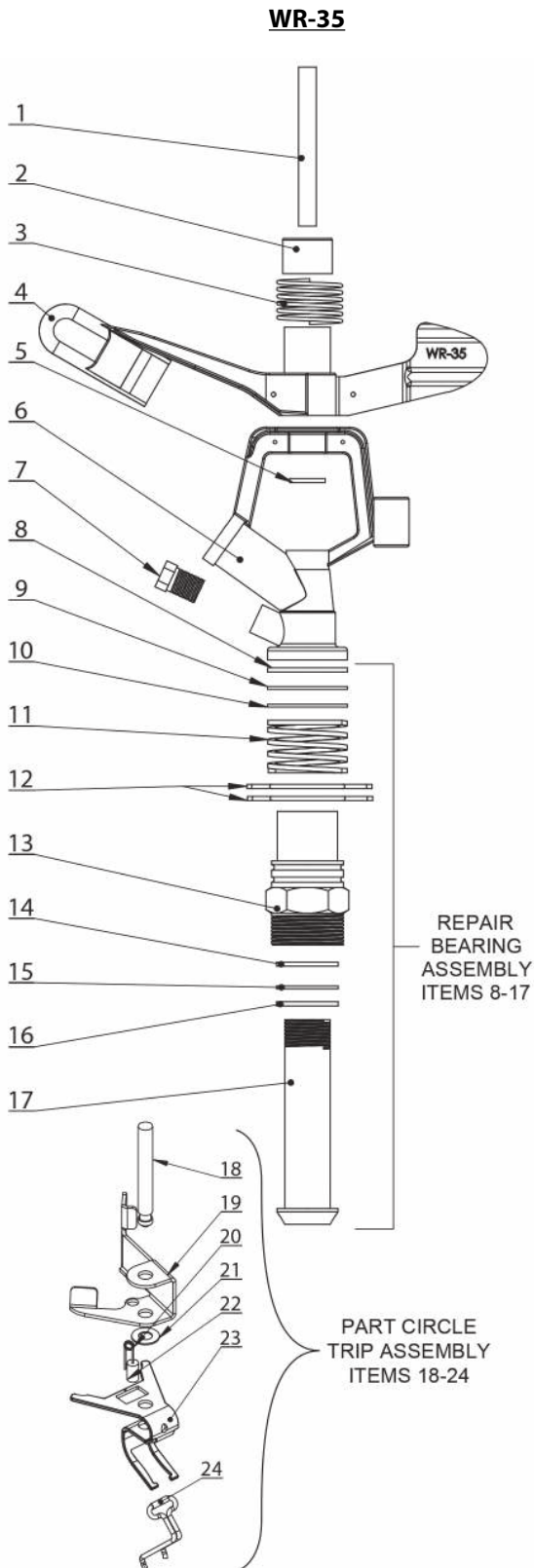
28 AND 38 SERIES PARTS

Part # Description

28-4-2TD	Spring lock bands for 38 series side roll couplers
28-4-3	$\frac{3}{8}$ " x 1" - $\frac{1}{2}$ " special studs for 28 series couplers

SPRINKLER PARTS

WR-35 (PART CIRCLE) PARTS



Part #	Description
❶ N/A	Fulcrum Pin
❷ N/A	Arm Hood
❸ WR-ARMSPR-33	Arm Spring
❹ WR-ARM-35	Arm, WR-35
❺ WR-ARM-WASH-32/35	Arm Spacer Washer
❻ N/A	Body
❼ SNP	Secondary Nozzle Plug
❽ (1)*	Upper Seal Washer
❾ (1)*	Upper Bearing Washer, black
❿ (1)*	Upper Brass Washer
⓫ (1)*	Bearing Spring
⓬ WR-STOP-35	Part-Circle Stop Collar
⓭ (1)*	Sleeve Bearing
⓮ WR-TSW	Top Seal Washer, blk, 17.81 ID
⓯ WR-BBW-35	Bottom Bearing Washer, White
⓰ WR-LSW-35	Lower Seal Washer
⓱ (1)*	Nipple Bearing
❷ - ⓱ WR-RBA-35	Repair Bearing Assembly
ⓓ (2)**	Trip Pin
ⓔ (2)**	Upper Trip Bracket
ⓕ (2)**	Trip Spring
ⓖ (2)**	Washer & Clip, Trip Mechanism
ⓗ (2)**	Trip Spring Barrel
Ⓢ (2)**	Lower Trip Bracket
Ⓤ WR-CLIP-35	PC Flip Clip w/ Retainer Barrel
ⓖ WR-PCTRI-PASSY-35	Part Circle Trip Assembly

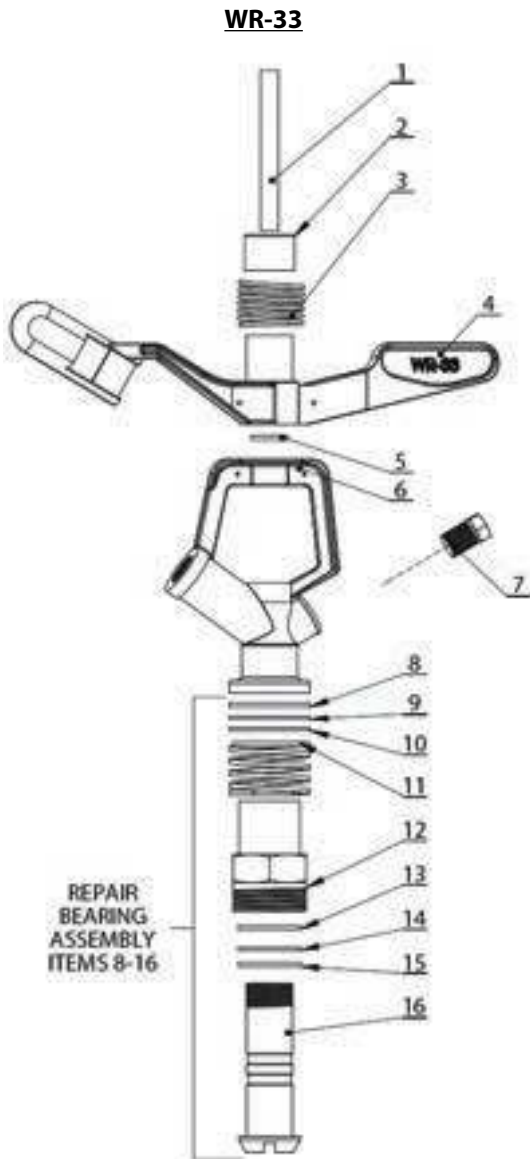
(1)* Available in WR-RBA-35 - **kit only**.

(2)** Available in WR-PCTRI-PASSY-35 - **kit only**.

SPRINKLER PARTS

WR-33 PARTS - PRIOR TO 0711

For Date Stamp prior to 0711. Date Stamp on hex face of Sleeve Bearing indicates Month/Year of manufacture.



Part #	Description	
1	WR-PIN-33	Fulcrum Pin
2	WR-ARMHOOD	Arm Hood
3	WR-ARMSPR-33	Arm Spring
4	WR-ARM-33	Arm, bronze
5	WR-ARMWASHER	Arm Spacer Washer
6	N/A	Body
7	SNP	Secondary Nozzle Plug
8	WR-USW	Upper Seal Washer Black
9	WR-UBW	Upper Bearing Washer, Grey
10	WR-BRW	Upper Brass Washer
11	(1)*	Bearing Spring
12	(1)*	Sleeve Bearing
13	WR-TSW	Top Seal Washer, blk, 17.81 ID
14	WR-BBW	Bottom Bearing Washer, Grey
15	WR-LSW	Lower Seal Washer, 17.0 ID
16	(1)*	Nipple Bearing
8 - 16	WR-RBA-0811**	Repair Bearing Assembly

* Available in WR-RBA-0811- kit only.

** WR-RBA-0811 fits all WR-33 Sprinklers.

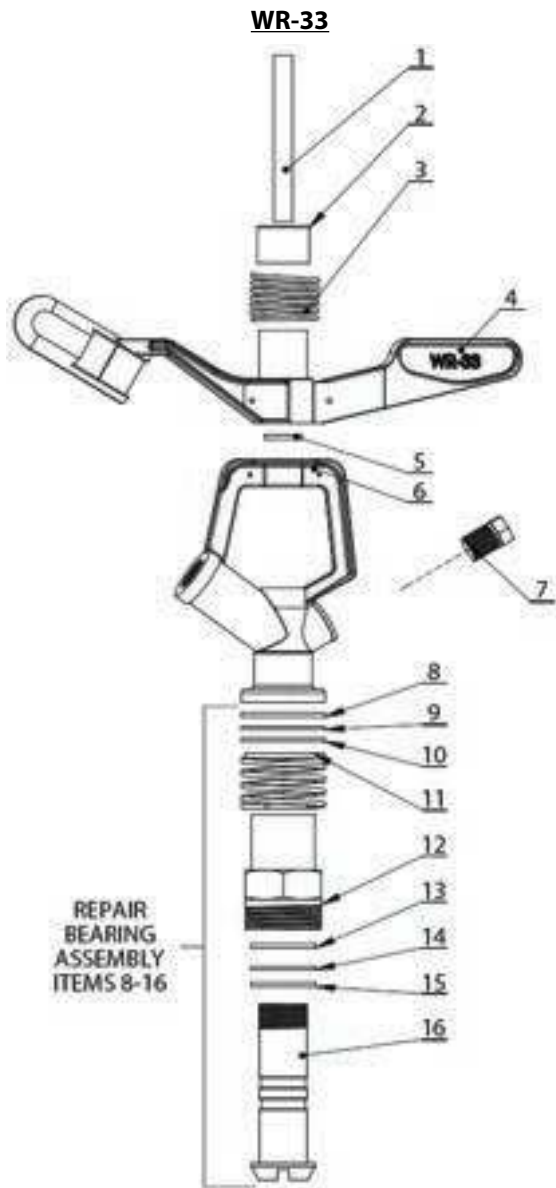
Note: Date Stamp on hex face of Sleeve Bearing indicates Month/Year of manufacture. Item Number 12.

	Date Stamp	Arm Length
Old Design	Prior 0711	6-9/16"
New Design	0811 and up	6-7/8"

SPRINKLER PARTS

WR-33 PARTS - 0811 AND NEWER

For Date Stamp 0811 and newer. Date Stamp on hex face of Sleeve Bearing indicates Month/Year of manufacture.



Part #	Description	
1	WR-PIN-33	Fulcrum Pin
2	WR-ARMHOOD	Arm Hood
3	WR-ARMSPR-33	Arm Spring
4	WR-ARM-0811	Arm, bronze
5	WR-ARMWASHER	Arm Spacer Washer
6	N/A	Body
7	SNP	Secondary Nozzle Plug
8	WR-USW-0811	Upper Seal Washer Black
9	WR-UBW-0811	Upper Bearing Washer, Grey
10	WR-BRW-0811	Upper Brass Washer
11	(1)*	Bearing Spring
12	(1)*	Sleeve Bearing
13	WR-TSW-0811	Top Seal Washer, blk, 17.81 ID
14	WR-BBW	Bottom Bearing Washer, Grey
15	WR-LSW	Lower Seal Washer, 17.0 ID
16	(1)*	Nipple Bearing
8 - 16	WR-RBA-0811**	Repair Bearing Assembly

* Available in WR-RBA-0811- **kit only**.

** WR-RBA-0811 fits all WR-33 sprinklers.

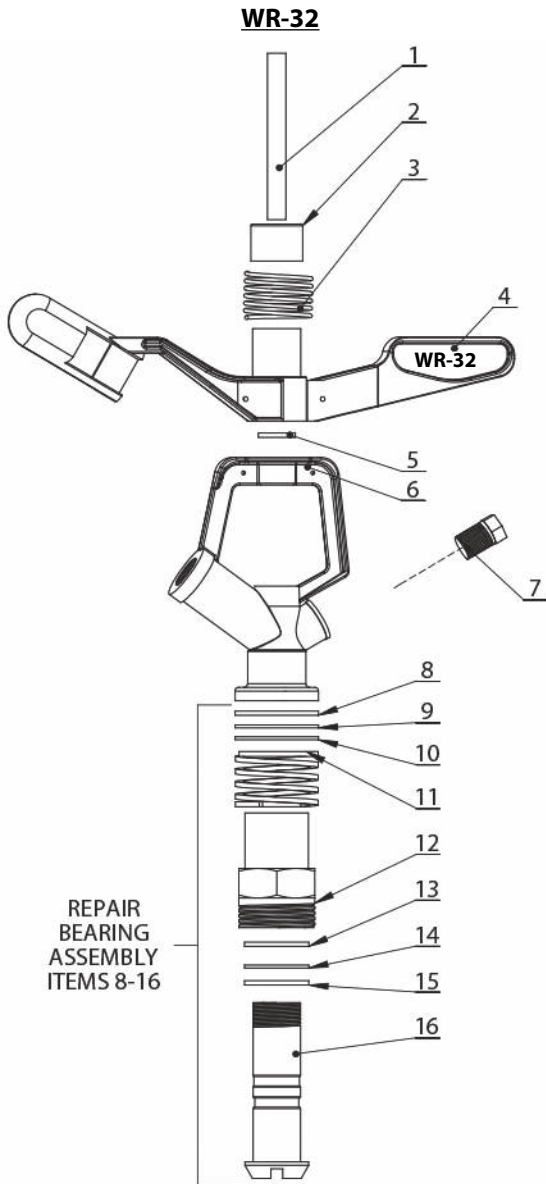
Note: Date Stamp on hex face of Sleeve Bearing indicates Month/Year of manufacture. Item Number 12.

	Date Stamp	Arm Length
Old Design	Prior 0711	6-9/16"
New Design	0811 and up	6-7/8"

SPRINKLER PARTS

WR-32 (ALUMINUM ARM) PARTS - PRIOR TO 0711

For Date Stamp prior to 0711. Date Stamp on hex face of Sleeve Bearing indicates Month/Year of manufacture.



Part #	Description
1 WR-PIN-32	Fulcrum Pin
2 WR-ARMHOOD	Arm Hood
3 WR-ARMSPR-33	Arm Spring
4 WR-ARM-32	Arm, aluminum
5 WR-ARM-WASH-32/35	Arm Spacer Washer
6 N/A	Body
7 SNP	Secondary Nozzle Plug
8 WR-USW	Upper Seal Washer black
9 (1)*	Upper Bearing Washer, black
10 WR-BRW	Upper Brass Washer
11 (1)*	Bearing Spring
12 (1)*	Sleeve Bearing
13 WR-TSW	Top Seal Washer, blk, 17.81 ID
14 WR-BBW-32	Bottom Bearing Washer, Teflon
15 WR-LSW	Lower Seal Washer, 17.0 ID
16 (1)*	Nipple Bearing
8 - 16 WR-RBA-32	Repair Bearing Assembly

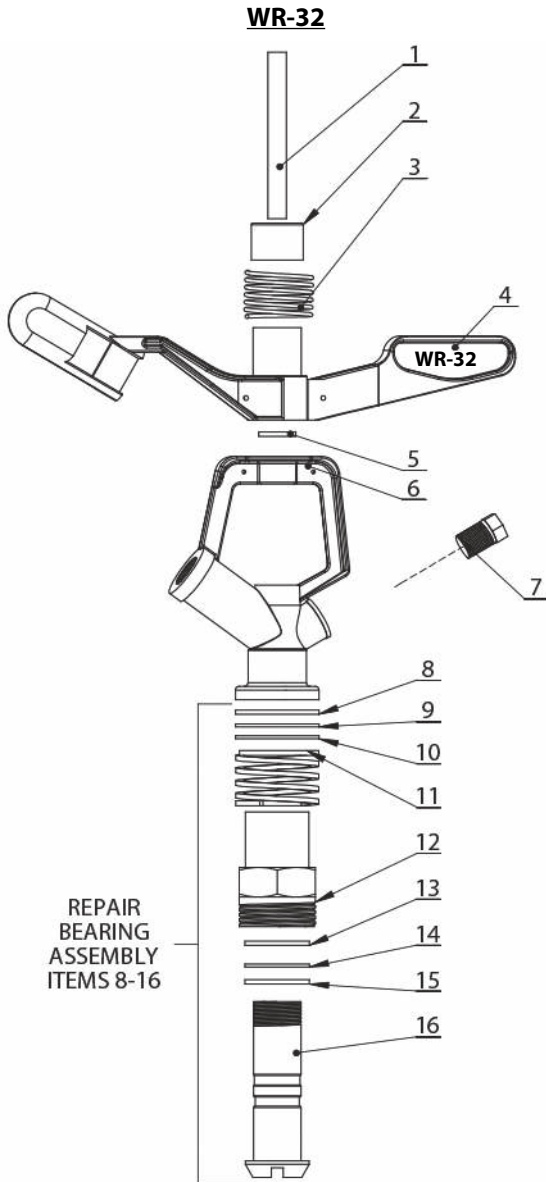
* Available in WR-RBA-32 – **kit only**.

Note: Date Stamp on hex face of Sleeve Bearing indicates Month/Year of manufacture. Item Number 12.

SPRINKLER PARTS

WR-32 (ALUMINUM ARM) PARTS - 0811 AND NEWER

For Date Stamp 0811 and newer. Date Stamp on hex face of Sleeve Bearing indicates Month/Year on manufacture.



Part #	Description
1	WR-PIN-32 Fulcrum Pin
2	WR-ARMHOOD Arm Hood
3	WR-ARMSPR-33 Arm Spring
4	WR-ARM-32 Arm, aluminum
5	WR-ARM-WASH-32/35 Arm Spacer Washer
6	N/A Body
7	SNP Secondary Nozzle Plug
8	WR-USW-0811 Upper Seal Washer black
9	(1)* Upper Bearing Washer, black
10	WR-BRW-0811 Upper Brass Washer
11	(1)* Bearing Spring
12	(1)* Sleeve Bearing
13	WR-TSW-0811 Top Seal Washer, blk, 17.81 ID
14	WR-BBW-32 Bottom Bearing Washer, Teflon
15	WR-LSW Lower Seal Washer, 17.0 ID
16	(1)* Nipple Bearing
8 - 16	WR-RBA-32-0811 Repair Bearing Assembly

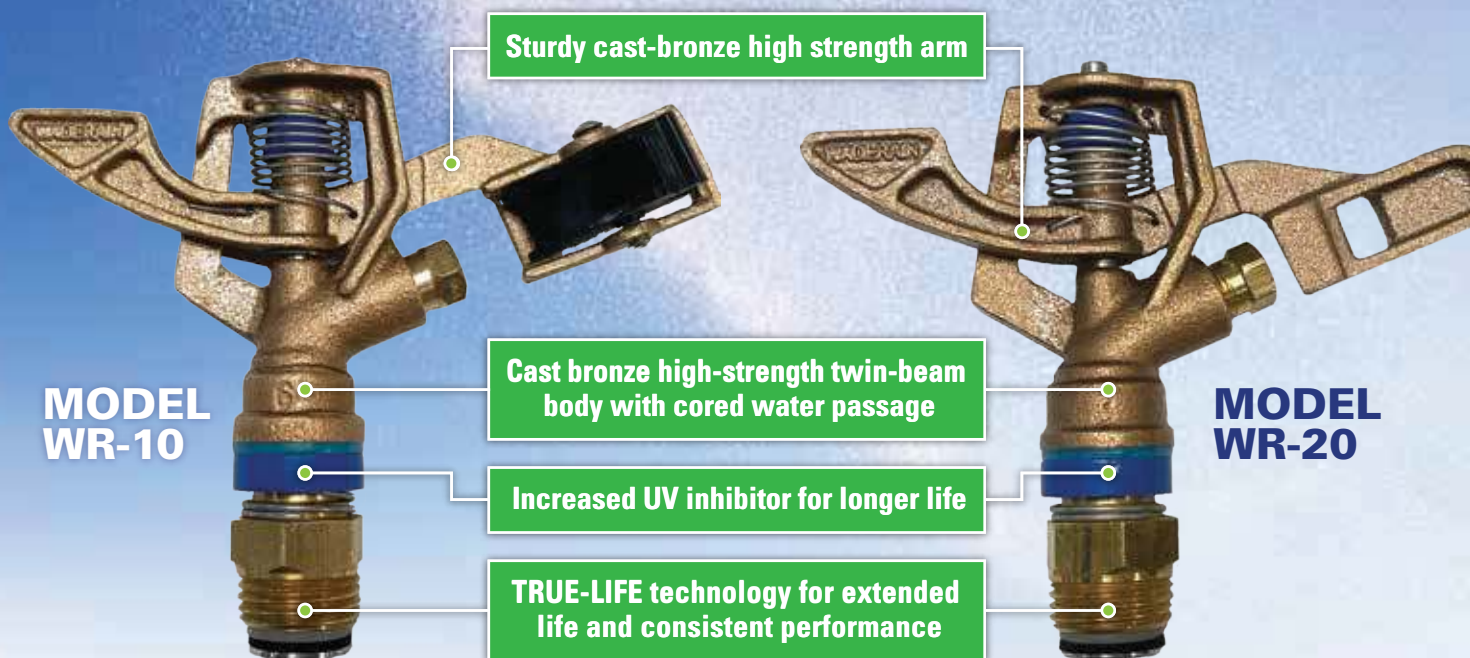
* Available in WR-RBA-32-0811 – **kit only**.

Note: Date Stamp on hex face of Sleeve Bearing indicates Month/Year of manufacture. Item Number 12.

PUTTING WATER WHERE IT BELONGS

WADE[®] RAIN

1/2" BRASS IMPACT SPRINKLERS



Features:

Model 10 WR Wedge-Drive

- Stainless Steel spindle, fulcrum pin, wedge pin, arm and bearing spring
- Plastic self-cleaning wedge drive assembly for consistent drive with small nozzle sizes.
- 23° trajectory, single nozzle
- Available with WT 1/8"-27 thread nozzle

Model 20 WR Spoon-Drive

- Stainless steel spindle, fulcrum pin, arm and bearing spring
- UHMW-PE bearing seals for 7/64", 1/8" & 9/64" nozzles
- Teflon bearing seals for 3/32" nozzle
- 23° trajectory, single nozzle
- Available with RB 3/8"-24 or WT 1/8"-27 thread nozzle



TRAVIS
PATTERN & FOUNDRY, INC.



WADE RAIN

A Division of Travis Pattern & Foundry

H O M E O F T H E
70 SERIES
HYDROSTATIC
MOVER

