



**BONNEY FORGE**

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## PRICE SCHEDULE LU-138

Effective August 18, 2008

Subject to change without notice.



# Carbon Forged Steel Unions

- MSS-SP83
- ROCKWOOD
- LUG NUT



**THREADED**
**ROCKWOOD UNIONS**

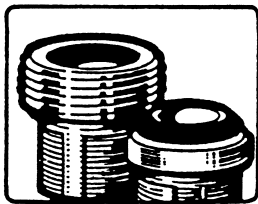
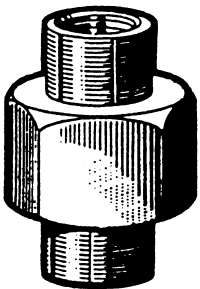
		Size, Inches	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>601</b>	<b>SILICONE BRONZE SEATS</b>	<b>LIST PRICE</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>33.95</b>	<b>40.12</b>	<b>48.56</b>	<b>69.59</b>	<b>82.49</b>	<b>97.34</b>
	600 LB. W.S.P.*	Weight Each	.32	.30	.40	.66	1.03	1.47	2.20	2.55	4.63
	3000 W.O.G.*	Carton Qty.	25	25	25	25	25	25	18	14	9
<b>602</b>	<b>STAINLESS STEEL SEATS</b>	<b>LIST PRICE</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>33.73</b>	<b>38.73</b>	<b>46.92</b>	<b>69.59</b>	<b>82.49</b>	<b>103.22</b>
	600 LB. W.S.P.*	Weight Each	.32	.30	.40	.72	1.10	1.50	2.20	2.60	4.60
	3000 W.O.G.*	Carton Qty.	—	25	25	25	25	25	18	14	9
<b>†604</b>	<b>SIL. BRZ. TO STAINLESS SEATS</b>	<b>LIST PRICE</b>	<b>—</b>	<b>POA</b>	<b>POA</b>	<b>33.73</b>	<b>38.73</b>	<b>46.92</b>	<b>69.59</b>	<b>82.49</b>	<b>103.22</b>
	600 LB. W.S.P.*	Weight Each	—	.30	.40	.72	1.10	1.50	2.20	2.60	4.60
	3000 W.O.G.*	Carton Qty.	—	25	25	25	25	25	18	14	9

**SOCKET WELD**

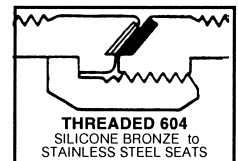
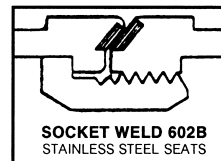
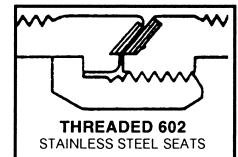
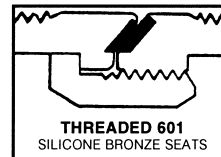
		Size, Inches	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
<b>602B</b>	<b>STAINLESS STEEL SEATS</b>	<b>LIST PRICE</b>	<b>—</b>	<b>POA</b>	<b>POA</b>	<b>34.91</b>	<b>44.18</b>	<b>47.66</b>	<b>71.42</b>	<b>85.76</b>	<b>108.61</b>
	600 LB. W.S.P.*	Weight Each	—	.30	.40	.72	1.10	1.50	2.20	2.60	4.60
	3000 W.O.G.*	Carton Qty.	—	25	25	25	25	25	18	14	9

\* SUITABLE FOR USE WITH SCHEDULE 40/80 PIPE.

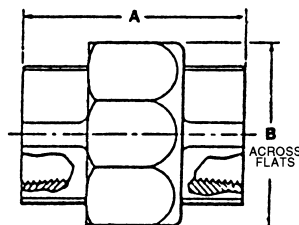
† 604 UNIONS - SILICONE BRONZE TO STAINLESS STEEL SEATS PREFERRED OVER BRONZE TO STEEL SEATED UNIONS.



- Ball to cone seats for smooth alignment.
- Can be cracked and rejoined – repeatedly.
- Replaceable, interchangeable parts.
- Carbon Steel, coated to resist corrosion.
- Stays sealed despite shock, vibration, expansion and rough wrenching.
- S/B seats double locked under 120,000 lb. psi.
- Conveniently packaged.


**TYPES 601, 602 AND 604**

Pipe Size	A	B
1/8 18-NPT	1 3/4	1 1/4
1/4 18-NPT	1 3/4	1 1/4
3/8 18-NPT	2	1 3/8
1/2 18-NPT	2 1/4	1 21/32
3/4 14-NPT	2 7/16	2
1 11 1/2-NPT	2 11/16	2 3/8
1 1/4 11 1/2-NPT	2 31/32	2 3/4
1 1/2 11 1/2-NPT	3 1/8	3
2 11 1/2-NPT	3 11/16	3 23/32


**TYPE 602B**

Size	Depth Socket	Socket Dia.
1/8	7/16	.430
1/4	7/16	.565
3/8	7/16	.700
1/2	1/2	.865
3/4	1/2	1.075
1	9/16	1.340
1 1/4	1 1/16	1.685
1 1/2	9/16	1.925
2	1 1/16	2.416

**ALL TYPES**

Style Nut
Hex
Hex
Hex
Hex
Octagon
Octagon
Octagon
Octagon
Octagon

**FREIGHT POLICY**

All prices and shipments are F.O.B. our plant in Mt. Union, PA. Our responsibility ceases after we make delivery to the carrier. Claims for damages, loss or delay in transit should be made to the carrier. Full freight will be allowed on individual orders of 1000# or over within the continental USA. Individual orders totalling less than 1000# are not subject to freight allowance. Allowances are based on lowest published rates for rail or motor freight to all points or highway points listed in published tariffs. Freight allowances do not include delivery to building sites beyond these rail or highway points. Whenever a buyer specifies a more expensive method of shipment, the difference in transportation cost is for buyer's account.

**PRICES AND TERMS**

1% 10-25th net 30 days. Subject to change without notice. Minimum order charge \$50.00 net (plus freight).

**CLASS 3000 FORGED STEEL UNIONS**
**ASME SA105  
ASTM A105**

Nominal Pipe Size		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
<b>THREADED MSS-SP83</b>	<b>LIST PRICE</b>	36.18	36.18	36.82	31.00	38.28	50.02	79.34	94.62	128.29	317.95	374.31
	Weight Each	.38	.35	.50	.73	1.20	1.73	2.61	3.42	5.32	8.75	13.00
	Carton Qty.	25	25	25	25	25	25	18	14	9	—	—
<b>SOCKET WELD MSS-SP83</b>	<b>LIST PRICE</b>	42.61	42.61	42.61	35.71	41.66	53.67	86.57	93.76	134.99	340.32	410.27
	Weight Each	.38	.36	.50	.70	1.17	1.70	2.48	3.37	5.22	8.75	12.63
	Carton Qty.	25	25	25	25	25	25	18	14	9	—	—

**CLASS 6000 FORGED STEEL UNIONS**
**ASME SA105  
ASTM A105**

Nominal Pipe Size		1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
<b>THREADED</b>	<b>LIST PRICE</b>	—	94.78	86.13	77.17	87.52	113.21	188.09	220.27	442.29	—	—
	Weight Each	—	.56	.75	1.25	1.75	3.17	3.75	6.00	10.50	—	—
	Carton Qty.	—	25	25	25	25	20	15	9	5	—	—
<b>SOCKET WELD</b>	<b>LIST PRICE</b>	—	80.90	80.90	79.50	92.41	133.96	207.20	243.10	457.82	—	—
	Weight Each	—	.56	.75	1.25	1.75	3.17	3.75	6.00	10.50	—	—
	Carton Qty.	—	25	25	25	25	20	15	9	5	—	—

**LUG NUT UNIONS  
THREADED 3000#**
**ASME SA105  
ASTM A105**

	Size, Inches	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
<b>CARBON STEEL</b>	<b>LIST PRICE</b>	—	—	POA	43.76	49.01	64.24	102.12	107.48	127.11	238.92	341.45	669.74
	Weight Each	—	—	.49	.63	1.10	2.29	2.54	3.27	6.85	8.60	12.05	31.31
	Carton Qty.	—	—	25	25	25	25	18	12	6	—	—	—

SOCKET WELD LUG NUT UNIONS ARE AVAILABLE ON AN INQUIRY BASIS.

**GENERAL NOTES:**

- EACH UNION PART IS MARKED WITH A MATERIAL LOT NUMBER AND IS TRACEABLE TO ACTUAL PHYSICAL AND MILL CHEMICAL TESTS.
- EACH PART IS INTERCHANGEABLE WITH OTHER BONNEY UNIONS.
- EACH PART IS COATED TO RESIST CORROSION.
- ALL UNIONS ARE CONVENIENTLY PACKAGED.  
Boxes are Color Coded per Outlet Type: Red - Threaded; Blue - Socket - Welding
- A105N AND LF2 UNIONS ALSO AVAILABLE ON P.O.A. BASIS.

**GENERAL TERMS AND CONDITIONS OF SALE OF:  
BONNEY FORGE**  
(hereafter referred to as "BF")

<b>WARRANTY</b>	BF expressly warrants to the Purchaser (the "Purchaser") that all BF products (each, a "Product") will be free from manufacturing defects for the one (1) year period immediately following the date of shipment (the "Warranty Period"). BF HEREBY DISCLAIMS ALL OTHER WARRANTIES WITH RESPECT TO BOTH THE PRODUCTS AND THIS AGREEMENT, INCLUDING THESE TERMS AND CONDITIONS, WHETHER EXPRESS OR IMPLIED INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. The foregoing warranty shall not apply: (1) to any use of a Product in aircraft or aerospace applications ("Prohibited Applications"), (2) if a Product was not used as recommended and in accordance with approved in-stallation and operating practices, (3) if the failure of a Product results from any cause other than a manufacturing defect, including but not limited to damage due to corrosive, abrasive, or other wear normally to be expected in the use of the Product, (4) if the Product was modified or changed (unless written approval was given in advance by BF), and (5) if Purchaser fails to deliver written notice of such defect to BF during the Warranty Period.
<b>EXCLUSIONS</b>	Do not use BF Products in aircraft or aerospace applications. Purchaser assumes all risk of loss that arise from or relate to any use of Product in a Prohibited Application, and Purchaser shall, at its expense, indemnify, defend and hold BF harmless against all claims or losses (including legal and accounting fees) that arise from or relate to the use of any Product in a Prohibited Application.
<b>PURCHASER'S REMEDIES</b>	Purchaser's remedies with respect to any Product furnished by BF hereunder that is found not to be in conformity with the terms and conditions of the contract because of breach of contract, breach of express or implied warranty, or negligence shall be limited exclusively to the right of replacement of such defective Product or, at the option of BF, repayment of the sale price for the particular Product that gives rise to the claim. BF shall have no liability to Purchaser or to any other person, in tort, contract or otherwise, for claims, losses, damages or injuries arising out of this purchase or use of any Product, except for the return by BF of an amount not in excess of the payments made by Purchaser to BF for the particular Products giving rise to Purchaser's claim. IN NO EVENT SHALL COMPANY BE LIABLE TO PURCHASER OR ANY THIRD PARTY FOR ANY CONSEQUENTIAL OR SPECIAL DAMAGES OR LOST PROFITS, INCLUDING, WITHOUT LIMITATION, CONSEQUENTIAL OR SPECIAL DAMAGES FOR LOSS OF GOOD WILL, WORK STOPPAGE, LOSS OF WORK PRODUCT, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, DIRECT OR INDIRECT, EVEN IF BF HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSSES.
<b>PRICES</b>	Prices, and other terms of sale and payment, are subject to change without notice. Unless a contrary provision appears in this price schedule, quotation or order acknowledgement, prices may be withdrawn without notice at any time. Stenographic or clerical errors are subject to correction.
<b>ACCEPTANCE OF ORDERS</b>	All orders are subject to BF credit department approval prior to acceptance by BF. No assignment of the Purchaser's rights may be made without the prior, written consent of BF.
<b>REMITTANCES</b>	All accounts are payable in United States funds, free of exchange, collection, or any other charges. If, in the sole discretion of BF, the financial condition of the Purchaser at any time so requires, BF retains the right to require full or partial payment in advance.
<b>PARTIAL SHIPMENTS AND PAYMENTS</b>	BF reserves the right to make partial shipments from time to time, and to render invoices therefore which shall be due and payable as provided in said invoices and the paragraph entitled "Remittances". If the Purchaser becomes overdue in any such partial payment, BF shall be entitled to suspend work and/or avail itself other legal remedies.
<b>TAXES</b>	Unless otherwise specifically noted, the amount of any federal, state or local sales, use, occupancy, excise tax, or other tax of any nature, for which BF is legally liable, either intentionally or through failure of payment by Purchaser, shall be added or be in addition to the price quoted and Purchaser agrees to pay the same to BF.
<b>SHORTAGES AND DAMAGES IN TRANSIT</b>	All Product shall be delivered F.O.B. Shipping Point, and Purchaser shall thereupon assume all risk of loss. Claims for shortages must be made in writing within ten days after receipt of shipment.
<b>DELAYS</b>	All shipping dates are good faith estimates by BF, however, BF makes no guarantee to ship on any date. BF shall assume no obligation to ship Products on any date, and BF shall not be liable for the failure to ship Product on any date. Materials slated to be in stock are subject to prior sales.
<b>CANCELLATIONS AND SUSPENSIONS</b>	Purchaser may cancel this order or contract, or delay work or delivery, only upon receipt of written notification by BF and with BF's prior consent, and upon agreement to pay BF's adjustment charge. Orders for special products (usually "price on application items") may be changed and/or cancelled only upon receipt of written instructions by BF and with BF's prior consent, and Purchaser shall make payment to BF for material used and work already performed.
<b>RETURN OF MATERIAL</b>	No Product may be returned without the prior written consent of BF. All goods returned are subject to a handling charge plus freight in both directions and charges for any required reconditioning, unless otherwise specified in writing by BF.
<b>INDEMNITY</b>	Purchaser shall, at its expense, indemnify, defend and hold BF harmless against all claims or losses (including legal and accounting fees) that arise from or relate to any suit that alleges that BF infringed the rights of any third party with respect to any Product manufactured by BF pursuant to specifications or designs provided to BF by Purchaser.
<b>GOVERNING LAW</b>	The contract shall be governed by, construed, and enforced in accordance with the laws of the Commonwealth of Pennsylvania without regard to the conflict-of-law doctrines of any jurisdiction.
<b>NO WAIVER</b>	The failure of BF to exercise any of its rights under this Agreement for a breach thereof shall not be deemed to be a waiver of such rights nor shall the same be deemed to be a waiver of any subsequent breach.
<b>DIES, TOOLS AND PATTERNS</b>	Dies, tools and patterns used by BF to produce any Product (collectively, the "Material") shall be and remain the exclusive property of BF. Payment by Purchaser of any preparation charge with respect to such Material shall not give Purchaser any right, title or interest in or to such Material. BF shall not be responsible for retention of dies or patterns on which no orders are received for two years or more.
<b>MISCELLANEOUS</b>	This Agreement, together with these Terms and Conditions, constitute the entire understanding between the parties with respect to the subject matter hereof and supersede any and all prior understandings, statements, warranties, representations, and agreements, oral and written, relating hereto. Neither party shall be liable to the other under this Agreement if delayed or prevented from performance by causes beyond its control including, but not limited to, fires, floods, strikes, acts of God, war, insurrection, governmental restrictions, or other causes of a like or different nature. No change, alteration, modification, or addition to this Agreement shall be effective unless in writing and properly executed by the parties hereto. The contract shall be subject to the terms and conditions contained or referred to in BF's price schedule, quotation or order acknowledgments and in no others whatsoever. In the event of any discrepancy or inconsistency between these Terms and Conditions and any other purchase order or acceptance form used by Purchaser in connection herewith, the terms of this Agreement shall govern, and such purchase order or acceptance form shall not amend, modify or add to the terms of this Agreement.