



# IMPORTED FORGED CARBON STEEL FITTINGS, UNIONS AND O-LETS

Price Sheet IMFS-8.08 | Effective: August 4, 2008 | Cancels Price Sheet IMFS-6.08 of June 2, 2008

## **FREIGHT ALLOWANCE:**

All prices are F.O.B. point of shipment. On shipments weighing 2,500 pounds or more, rail freight or motor freight at the lowest published rate, is allowed to all continental U.S. rail points or all U.S. highway points listed in published tariffs (Alaska and Hawaii excluded). In no case will more than actual freight be allowed.

## **NOTE:**

All orders are accepted on the basis of prices in effect at the time of shipment.

## **NOTICE:**

To the prices and terms quoted, there will be added any manufacturers or sales tax payable on the transaction under any effective statute.

## **GENERAL**

- UPC numbers and SPIN commodity identification numbers are available upon request.
- To obtain current ISO certifications, listings, and other approvals, visit Anvil's Web site at [www.anvilintl.com](http://www.anvilintl.com).
- Pricing is subject to change without notice. Go to Anvil's Web site for the most current list price information, or contact your local Anvil representative.

## **LOSS OR DAMAGE CLAIMS:**

All goods are shipped at buyer's risk. Shipments should be carefully examined upon delivery and before the carrier's delivery receipt is signed. If any loss or damage is evident, the buyer should make an appropriate notation on the delivery receipt and insist that the carrier's driver initial such exception. The contents of all packages should be carefully examined for concealed damage as soon as possible after delivery, so that the carrier can be requested, within 48 hours after delivery, to arrange for prompt inspection of the damaged goods.

**EASTERN REGION**  
800-451-2935

**NORTHERN REGION**  
800-301-2701

**SOUTHERN REGION**  
800-451-4414

**WESTERN REGION**  
800-572-0051



# IMPORTED FORGED STEEL FITTINGS *Price List*

Effective Date: August 4, 2008 | Replaces Prior Date: June 2008 | Sheet # IMFS-8.08

Material Specification - ASTM A-105N, ASME SA-105N | Manufacturing Specification - ASME B 16.11

## 1. CONTROLLING PROVISIONS:

These terms and conditions shall control with respect to any purchase order or sale of Seller's products. No waiver, alteration or modification of these terms and conditions whether on Buyer's purchase order or otherwise shall be valid unless the waiver, alteration or modification is specifically accepted in writing and signed by an authorized representative of Seller.

## 2. DELIVERY:

Seller will make every effort to complete delivery of products as indicated on Seller's acceptance of an order, but Seller assumes no responsibility or liability, and will accept no backcharge, for loss or damage due to delay or inability to deliver caused by acts of God, war, labor difficulties, accident, delays of carriers, by contractors or suppliers, inability to obtain materials, shortages of fuel and energy, or any other causes of any kind whatever beyond the control of Seller. Seller may terminate any contract of sale of its products without liability of any nature, by written notice to Buyer, in the event that the delay in delivery or performance resulting from any of the aforesaid causes shall continue for a period of sixty (60) days. Under no circumstances shall Seller be liable for any special or consequential damages or for loss, damage, or expense (whether or not based on negligence) directly or indirectly arising from delays or failure to give notice of delay.

## 3. WARRANTY:

Seller warrants for one year from the date of shipment Seller's manufactured products to the extent that Seller will replace those having defects in material or workmanship when used for the purpose and in the manner which Seller recommends. If Seller examination shall disclose to its satisfaction that the products are defective, and an adjustment is required, the amount of such adjustment shall not exceed the net sales price of the defective products only and no allowance will be made for labor or expense of repairing or replacing defective products or workmanship of damage resulting from the same. Seller warrants the products which it sells of other manufacturers to the extent of the warranties of their respective makers. Where engineering design or fabrication work is supplied. Buyer's acceptance of Seller's design or of delivery of work shall relieve Seller of all further obligation, other than expressed in Seller's product warranty. THIS IS SELLER'S SOLE WARRANTY. SELLER MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FOR A PARTICULAR PURPOSE WHICH EXCEED SELLER'S AFORESTATED OBLIGATION ARE HEREBY DISCLAIMED BY SELLER AND EXCLUDED FROM THIS WARRANTY. Seller neither assumes, nor authorizes any person to assume for it, any other obligation in connection with the sale of its engineering designs or products. This warranty shall not apply to any products or parts of products which (a) have been repaired or altered outside of Seller's factory, in any manner; (b) have been subjected to misuse, negligence or accidents; (c) have been used in a manner contrary to Seller's instructions or recommendations. Seller shall not be responsible for design errors due to inaccurate or incomplete information supplied by Buyer or its representatives.

## 4. SELLER'S LIABILITY:

Seller will not be liable for any loss, damage, cost of repairs, incidental or consequential damages of any kind, whether based upon warranty (except for the obligation accepted by Seller under "Warranty" above), contract or negligence, arising in connection with the design, manufacture, sale, use or repair of the products or of the engineering designs supplied to Buyer.

## 5. RETURNS:

Seller cannot accept return of any products unless its written permission has been first obtained, in which case same will be credited subject to the following (a) All material returned must, on its arrival at Seller's Plant, be found to be in first-class condition; if not, cost of putting in saleable condition will be deducted from credit memoranda; (b) A handling charge deduction of twenty percent (20%) will be made from all credit memoranda issued for material returned; (c) Transportation charges, if not prepaid will be deducted from credit memoranda.

## 6. SHIPMENTS:

All products sent out will be carefully examined, counted and packed. The cost of any special packing or special handling caused by Buyer's requirements or requests shall be added to the amount of the order. No claim for shortages will be allowed unless made in writing within ten (10) days of receipt of a shipment.

Claims for products damaged or lost in transit should be made on the carrier, as Seller's responsibility ceases, and title passes, on delivery to the carrier.

## 7. SPECIAL PRODUCTS:

Orders covering special or nonstandard products are not subject to cancellation except on such terms as Seller may specify on application.

## 8. PRICES AND DESIGNS:

Prices and designs are subject to change without notice. All prices are F.O.B. Point of shipment, unless otherwise stated.

## 9. TAXES:

The amount of any sales, excise or other taxes, if any, applicable to the products covered by this order, shall be paid by Buyer unless Buyer provides Seller with an exemption certificate acceptance to the taxing authorities.

## 10. NUCLEAR PLANTS:

Where the products, engineering design or fabrication is for nuclear plant applications. Buyer agrees (a) to take all necessary steps to add Seller as an insured under the American Nuclear Insurers' (ANI) pool and under the Mutual Atomic Energy Reinsurance Pool (MAERP) for property damage and liability insurance and if necessary steps could have been taken, but are not taken, Buyer shall hold Seller harmless against all such losses which could have been thus covered (b) Buyer agrees to hold Seller harmless with respect to any personal injury (or death), property damage or other loss in a nuclear incident which is caused directly or indirectly by defective design, material, workmanship furnished by Seller (or which could be so covered but with respect to which Buyer has elected to self-insure), and further agrees to waive subrogation by its carriers of such insurance against Seller, and (c) as to nuclear hazards for which Buyer cannot obtain insurance coverage, the liability of Seller for any personal injury (or death), property damage or other loss directly caused by defective design, material, or workmanship furnished by Seller shall not exceed the value at the time of the loss occurrence.

## 11. MINIMUM INVOICE:

Domestic: \$100 plus transportation.  
International: \$500 plus transportation.

## 12. TERMS:

Cash, net 30 days unless otherwise specified.

NOTE: All orders are accepted on the basis of prices in effect at the time of shipment.

NOTICE: The prices and terms quoted, there will be added any manufacturers or sales tax payable on the transaction under any effective statute.

FREIGHT ALLOWANCE: All prices are F.O.B. point of shipment. On shipments weighing 2,500 pounds or more, rail freight or motor freight at the lowest published rate, is allowed to all continental U.S. rail points or all U.S. highway points listed in published tariffs (Alaska and Hawaii excluded). In no case will more than actual freight be allowed. Shipments (weighing less than 2,500 pounds) will be shipped prepaid. The buyer will be invoiced for freight costs at the applicable published class, exception or commodity rate(s) or charge(s). Anvil reserves the right to select the carrier for all shipments.



# IMPORTED FORGED STEEL FITTINGS *Price List*

Effective Date: August 4, 2008 | Replaces Prior Date: June 2008 | Sheet # IMFS-8.08  
 Material Specification - ASTM A-105N, ASME SA-105N | Manufacturing Specification - ASME B 16.11

## CLASS 2000 THREADED FITTINGS

NOMINAL PIPE SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
90° Elbows	LIST	\$17.30	\$20.02	\$17.69	\$19.11	\$23.62	\$49.25	\$61.16	\$78.99	\$216.93	\$340.89	\$1,098.28
	WGT. EACH	0.18	0.29	0.55	0.77	1.17	1.80	2.33	3.74	6.91	10.58	22.46
	CTN. QTY	150	100	80	50	30	20	15	8	4	2	1
45° Elbows	LIST	\$25.85	\$26.81	\$25.50	\$28.54	\$33.40	\$52.86	\$66.51	\$103.71	\$277.34	\$447.82	-
	WGT. EACH	0.29	0.22	0.44	0.59	0.90	1.50	1.80	3.10	7.61	11.97	-
	CTN. QTY	150	100	80	50	30	20	15	10	5	2	-
Tees	LIST	\$22.13	\$24.71	\$21.25	\$28.77	\$39.97	\$70.85	\$85.61	\$106.10	\$271.37	\$467.71	\$1,159.91
	WGT. EACH	0.26	0.37	0.68	0.95	1.52	2.35	3.06	4.75	9.04	13.46	32.43
	CTN. QTY	100	80	50	35	20	15	10	6	3	2	1
Crosses	LIST	\$64.98	\$67.39	\$66.64	\$74.13	\$87.04	\$159.04	\$195.09	\$271.83	*\$908.63	*\$1,123.90	-
	WGT. EACH	0.57	0.57	0.88	1.12	1.69	2.44	3.56	5.72	18.15	22.00	-
	CTN. QTY	40	40	40	30	20	10	6	4	3	2	-

\* Long Lead Times .

Note: 1/8" available in Class 3000.

## FORGED STEEL FITTINGS "EXTRAS"

Electrogalvanized Fittings.....Plus 20%

True Reducing Fittings Threaded and Socket Weld ..... Plus 100%



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## CLASS 3000 THREADED FITTINGS

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"	4"
90° Elbows	LIST	\$24.75	\$24.75	\$24.75	\$18.98	\$23.40	\$33.91	\$68.43	\$86.75	\$104.45	\$311.88	\$457.25	\$1,134.80
	WGT. EACH	0.22	0.31	0.64	0.95	1.52	2.51	3.12	5.79	6.42	13.18	19.54	32.67
	CTN. QTY	100	100	80	50	25	20	15	6	5	2	2	1
45° Elbows	LIST	\$31.44	\$31.44	\$31.44	\$31.00	\$35.80	\$48.76	\$67.39	\$96.76	\$133.51	\$311.97	\$507.18	\$927.76
	WGT. EACH	0.29	0.26	0.53	0.75	1.23	2.07	2.27	4.51	4.91	8.16	13.13	19.71
	CTN. QTY	100	100	80	50	30	20	15	8	6	2	2	1
Tees	LIST	\$30.07	\$30.07	\$30.07	\$27.07	\$36.26	\$46.55	\$93.51	\$109.07	\$141.06	\$382.27	\$712.86	\$1,187.73
	WGT. EACH	0.31	0.44	0.84	1.23	2.02	3.28	3.87	7.19	7.77	15.38	22.42	42.09
	CTN. QTY	80	80	50	35	20	15	10	5	4	2	1	1
Crosses	LIST	POA	POA	POA	\$76.55	\$101.01	\$142.14	\$188.31	\$250.89	\$344.22	\$859.35	\$1,137.87	*\$1,617.54
	WGT. EACH	1.23	1.14	1.08	1.23	2.31	3.74	4.77	8.65	9.66	18.70	22.00	35.20
	CTN. QTY	-	-	-	30	20	12	6	4	4	2	2	1
90° Street Elbows	LIST	POA	\$37.06	\$36.34	\$36.34	\$45.13	\$61.29	\$109.10	\$131.88	\$193.58	-	-	-
	WGT. EACH	0.29	0.24	0.48	0.68	1.17	2.24	2.49	4.42	6.40	-	-	-
	CTN. QTY	-	150	80	50	30	20	15	8	5	-	-	-
Couplings	LIST	\$8.96	\$8.96	\$8.96	\$7.76	\$9.92	\$17.56	\$29.26	\$37.85	\$45.27	\$116.88	\$230.97	\$421.74
	WGT. EACH	0.11	0.09	0.13	0.29	0.42	0.99	1.78	2.35	3.08	5.04	7.44	13.82
	CTN. QTY	250	250	200	100	70	35	20	15	10	5	3	2
Half Couplings	LIST	\$4.90	\$4.90	\$5.08	\$4.72	\$6.49	\$8.90	\$16.11	\$20.57	\$28.79	\$61.61	\$144.90	\$253.17
	WGT. EACH	0.04	0.04	0.07	0.13	0.22	0.51	0.75	1.19	1.54	2.49	3.70	6.84
	CTN. QTY	800	800	500	250	150	80	35	30	20	12	6	4
Reducing Couplings	LIST	-	\$16.67	\$17.38	\$17.38	\$20.65	\$26.88	\$44.47	\$48.29	\$69.93	*\$278.68	*\$368.54	*\$564.27
	WGT. EACH	FOR WEIGHTS, REFER TO SEPARATE TABLE BELOW											
	CTN. QTY	-	250	200	100	70	35	20	15	10	5	3	-
Pipe Caps	LIST	\$9.34	\$9.26	\$9.26	\$9.00	\$12.54	\$19.25	\$30.46	\$35.78	\$52.39	\$144.28	\$270.52	\$341.34
	WGT. EACH	0.04	0.09	0.11	0.24	0.40	0.81	1.36	1.58	2.40	4.88	7.70	10.65
	CTN. QTY	300	300	250	130	80	50	30	25	15	10	4	3

NOMINAL PIPE SIZE		3/4" x 3/4" x 1/2"	1" x 1" x 1/2"	1" x 1" x 3/4"	1 1/2" x 1 1/2" x 1/2"
Reducing Tees	LIST	\$72.52	\$93.12	\$93.12	\$218.15
	WGT. EACH	2.02	3.28	3.28	7.19
	CTN. QTY	20	15	15	5

\* Long Lead Times

### Threaded Reducing Couplings • Weights

NOM. PIPE SIZE	1/4" x 1/8"											
WEIGHT EACH	0.04											
NOM. PIPE SIZE	3/8" x 1/8"		3/8" x 1/4"									
WEIGHT EACH	0.18		0.15									
NOM. PIPE SIZE	1/2" x 1/8"		1/2" x 1/4"		1/2" x 3/8"							
WEIGHT EACH	0.40		0.11		0.40							
NOM. PIPE SIZE	3/4" x 1/8"		3/4" x 1/4"		3/4" x 3/8"		3/4" x 1/2"					
WEIGHT EACH	0.64		0.64		0.62		0.55					
NOM. PIPE SIZE	1" x 1/8"		1" x 1/4"		1" x 3/8"		1" x 1/2"		1" x 3/4"			
WEIGHT EACH	1.36		1.25		1.32		1.25		1.10			
NOM. PIPE SIZE	1 1/4" x 1/8"		1 1/4" x 1/4"		1 1/4" x 3/8"		1 1/4" x 1/2"		1 1/4" x 3/4"		1 1/4" x 1"	
WEIGHT EACH	2.20		2.18		2.29		2.16		2.09		1.89	
NOM. PIPE SIZE	1 1/2" x 1/8"		1 1/2" x 1/4"		1 1/2" x 3/8"		1 1/2" x 1/2"		1 1/2" x 3/4"		1 1/2" x 1"	
WEIGHT EACH	3.37		3.37		3.63		3.59		3.37		3.12	
NOM. PIPE SIZE	2" x 1/8"		2" x 1/4"		2" x 3/8"		2" x 1/2"		2" x 3/4"		2" x 1"	
WEIGHT EACH	4.71		4.71		4.71		5.24		4.42		4.36	
NOM. PIPE SIZE	2 1/2" x 1/8"		2 1/2" x 1/4"		2 1/2" x 3/8"		2 1/2" x 1/2"		2 1/2" x 3/4"		2 1/2" x 1"	
WEIGHT EACH	7.50		7.50		7.50		7.50		6.86		7.50	
NOM. PIPE SIZE	3" x 1/8"		3" x 1/4"		3" x 3/8"		3" x 1/2"		3" x 3/4"		3" x 1"	
WEIGHT EACH	11.00		11.00		11.00		11.00		11.00		11.00	
NOM. PIPE SIZE	4" x 1/8"		4" x 1/4"		4" x 3/8"		4" x 1/2"		4" x 3/4"		4" x 1"	
WEIGHT EACH	20.50		20.50		20.50		20.50		20.50		20.50	



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## CLASS 3000 SOCKET WELD FITTINGS (For Schedule 40 Bore)

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"	4"
90° Elbows	LIST	\$33.64	\$33.64	\$33.64	\$18.77	\$19.88	\$24.65	\$48.21	\$53.67	\$82.38	\$234.18	\$411.61	\$1,068.09
	WGT. EACH	0.25	0.18	0.26	0.48	0.73	1.17	1.85	2.38	3.70	7.04	11.84	24.09
	CTN. QTY	150	150	100	80	50	30	20	15	8	4	2	1
45° Elbows	LIST	\$33.83	* \$33.83	* \$33.83	\$25.01	\$29.06	\$38.02	\$52.13	\$63.88	\$102.73	\$269.75	\$448.30	\$883.47
	WGT. EACH	0.18	0.31	0.26	0.44	0.62	0.92	1.52	1.76	2.97	5.57	11.22	20.70
	CTN. QTY	150	150	100	80	50	30	20	15	10	5	2	1
Tees	LIST	\$37.16	* \$37.16	* \$37.16	\$23.25	\$28.18	\$38.61	\$59.33	\$78.63	\$113.52	\$326.05	\$779.61	\$1,254.52
	WGT. EACH	0.28	0.20	0.33	0.64	0.92	1.43	2.29	2.97	4.49	8.76	12.98	39.40
	CTN. QTY	100	100	80	50	35	20	15	10	6	3	2	1
Crosses	LIST	* POA	* POA	* POA	* \$84.40	* \$87.19	* \$94.46	* \$128.15	* \$184.54	* \$265.88	* \$620.68	* \$824.32	-
	WGT. EACH	0.45	1.17	1.01	0.86	1.06	1.54	2.62	3.54	5.17	13.40	20.00	-
	CTN. QTY	-	-	-	40	30	20	10	6	4	3	2	-
Couplings	LIST	\$25.10	\$20.91	\$20.91	\$9.65	\$12.49	\$13.76	\$24.42	\$27.01	\$43.13	\$96.47	\$216.83	\$326.05
	WGT. EACH	0.08	0.11	0.15	0.29	0.37	0.64	0.99	1.30	1.89	3.08	3.92	6.27
	CTN. QTY	350	350	250	120	80	50	30	25	15	10	6	4
Half Couplings	LIST	* POA	* POA	* POA	\$10.92	\$11.14	\$14.26	\$30.09	\$29.99	\$41.99	* \$397.51	* \$423.51	* \$532.50
	WGT. EACH	0.09	0.11	0.15	0.29	0.46	0.66	0.75	1.45	2.40	3.59	4.62	8.16
	CTN. QTY	-	-	-	120	80	50	30	25	15	10	6	4
Reducing Couplings	LIST	-	* \$49.01	* \$50.42	* \$34.28	\$34.30	\$38.07	\$68.96	\$73.93	\$81.73	* \$262.29	* \$472.97	* \$502.59
	WGT. EACH	FOR WEIGHTS, REFER TO SEPARATE TABLE BELOW											
	CTN. QTY	-	350	250	120	80	50	30	20	15	10	6	-
Pipe Caps	LIST	\$20.00	\$20.00	\$20.00	\$12.37	\$14.41	\$21.88	\$25.77	\$35.19	\$54.27	* \$295.10	\$304.98	* \$454.16
	WGT. EACH	0.07	0.09	0.15	0.22	0.35	0.55	0.99	1.30	2.11	3.15	6.03	9.33
	CTN. QTY	300	300	250	130	80	50	30	25	15	10	4	3

\* Long Lead Times

## Socket Weld Reducing Couplings • Weights

NOM. PIPE SIZE	1/4 x 1/8										
WEIGHT EACH	0.13										
NOM. PIPE SIZE	3/8 x 1/8	3/8 x 1/4									
WEIGHT EACH	0.18	0.20									
NOM. PIPE SIZE	1/2 x 1/8	1/2 x 1/4	1/2 x 3/8								
WEIGHT EACH	0.35	0.35	0.33								
NOM. PIPE SIZE	3/4 x 1/8	3/4 x 1/4	3/4 x 3/8	3/4 x 1/2							
WEIGHT EACH	0.57	0.55	0.51	0.46							
NOM. PIPE SIZE	1 x 1/8	1 x 1/4	1 x 3/8	1 x 1/2	1 x 3/4						
WEIGHT EACH	0.92	0.92	0.90	0.86	0.75						
NOM. PIPE SIZE	1 1/4 x 1/8	1 1/4 x 1/4	1 1/4 x 3/8	1 1/4 x 1/2	1 1/4 x 3/4	1 1/4 x 1					
WEIGHT EACH	1.56	1.32	1.52	1.50	1.39	1.23					
NOM. PIPE SIZE	1 1/2 x 1/8	1 1/2 x 1/4	1 1/2 x 3/8	1 1/2 x 1/2	1 1/2 x 3/4	1 1/2 x 1	1 1/2 x 1 1/4				
WEIGHT EACH	2.20	2.20	2.07	2.05	1.91	1.78	1.56				
NOM. PIPE SIZE	2 x 1/8	2 x 1/4	2 x 3/8	2 x 1/2	2 x 3/4	2 x 1	2 x 1 1/4	2 x 1 1/2			
WEIGHT EACH	3.74	3.74	3.74	3.54	3.41	3.23	2.88	2.62			
NOM. PIPE SIZE	2 1/2 x 1/8	2 1/2 x 1/4	2 1/2 x 3/8	2 1/2 x 1/2	2 1/2 x 3/4	2 1/2 x 1	2 1/2 x 1 1/4	2 1/2 x 1 1/2	2 1/2 x 2		
WEIGHT EACH	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50		
NOM. PIPE SIZE	3 x 1/8	3 x 1/4	3 x 3/8	3 x 1/2	3 x 3/4	3 x 1	3 x 1 1/4	3 x 1 1/2	3 x 2	3 x 2 1/2	
WEIGHT EACH	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	
NOM. PIPE SIZE	4 x 1/8	4 x 1/4	4 x 3/8	4 x 1/2	4 x 3/4	4 x 1	4 x 1 1/4	4 x 1 1/2	4 x 2	4 x 2 1/2	4 x 3
WEIGHT EACH	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00



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## FORGED STEEL PLUGS and BUSHINGS

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"	4"
Square	LIST	\$4.11	\$4.11	\$4.31	\$4.52	\$5.62	\$8.60	\$17.45	\$20.27	\$32.00	\$83.79	\$140.25	\$221.57
Head	WGT. EACH	0.02	0.02	0.07	0.11	0.20	0.35	0.59	0.84	1.39	2.11	3.37	8.43
Plugs	CTN. QTY	800	800	500	300	200	150	80	50	30	15	10	3
Hex	LIST	\$3.41	\$3.44	\$3.59	\$3.59	\$6.64	\$8.97	\$15.50	\$20.81	\$34.51	\$82.75	\$151.18	\$248.81
Head	WGT. EACH	0.02	0.07	0.11	0.15	0.31	0.48	0.97	1.30	2.27	3.96	5.72	11.44
Plugs	CTN. QTY	800	800	600	250	150	100	35	25	20	8	6	3
Round	LIST	\$8.15	\$7.74	\$7.74	\$5.89	\$6.95	\$10.19	\$23.71	\$25.49	\$37.26	-	-	-
Head	WGT. EACH	0.05	0.09	0.15	0.26	0.44	0.75	1.21	1.74	3.23	-	-	-
Plugs	CTN. QTY	250	250	200	150	100	80	50	30	15	-	-	-
Hex	LIST	-	\$5.67	\$5.67	\$5.81	\$7.00	\$11.31	\$18.60	\$20.91	\$31.93	\$100.97	\$158.94	\$344.40
Head	WGT. EACH	FOR WEIGHTS, REFER TO SEPARATE TABLE BELOW											
Bushings	CTN. QTY	-	600	500	400	200	100	60	50	25	15	10	5
Flush	LIST	-	POA	POA	POA	POA	POA	POA	POA	POA	-	-	-
Bushings	WGT. EACH	-	0.03	0.03	0.06	0.09	0.12	0.15	0.20	0.35	-	-	-
Bushings	CTN. QTY	-	-	-	-	-	-	-	-	-	-	-	-

## Hex Head Bushings • Weights

NOM. PIPE SIZE	1/4 x 1/8													
WEIGHT EACH	0.04													
NOM. PIPE SIZE	3/8 x 1/8		3/8 x 1/4											
WEIGHT EACH	0.07		0.04											
NOM. PIPE SIZE	1/2 x 1/8		1/2 x 1/4		1/2 x 3/8									
WEIGHT EACH	0.13		0.11		0.09									
NOM. PIPE SIZE	3/4 x 1/8		3/4 x 1/4		3/4 x 3/8		3/4 x 1/2							
WEIGHT EACH	0.26		0.24		0.20		0.15							
NOM. PIPE SIZE	1 x 1/8		1 x 1/4		1 x 3/8		1 x 1/2		1 x 3/4					
WEIGHT EACH	0.44		0.42		0.37		0.33		0.22					
NOM. PIPE SIZE	1 1/4 x 1/8		1 1/4 x 1/4		1 1/4 x 3/8		1 1/4 x 1/2		1 1/4 x 3/4		1 1/4 x 1			
WEIGHT EACH	0.84		0.84		0.81		0.73		0.41		0.46			
NOM. PIPE SIZE	1 1/2 x 1/8		1 1/2 x 1/4		1 1/2 x 3/8		1 1/2 x 1/2		1 1/2 x 3/4		1 1/2 x 1		1 1/2 x 1 1/4	
WEIGHT EACH	1.08		1.08		1.08		1.01		0.90		0.70		0.44	
NOM. PIPE SIZE	2 x 1/8		2 x 1/4		2 x 3/8		2 x 1/2		2 x 3/4		2 x 1		2 x 1 1/4	
WEIGHT EACH	1.89		1.89		1.94		1.85		1.72		1.56		1.25	
NOM. PIPE SIZE	2 1/2 x 1/8		2 1/2 x 1/4		2 1/2 x 3/8		2 1/2 x 1/2		2 1/2 x 3/4		2 1/2 x 1		2 1/2 x 1 1/4	
WEIGHT EACH	3.56		3.52		3.50		3.28		1.20		1.20		2.46	
NOM. PIPE SIZE	3 x 1/2		3 x 3/4		3 x 1		3 x 1 1/4		3 x 1 1/2		3 x 2		3 x 2 1/2	
WEIGHT EACH	2.60		2.60		4.91		4.60		2.60		3.19		2.60	
NOM. PIPE SIZE	4 x 1/2		4 x 3/4		4 x 1		4 x 1 1/4		4 x 1 1/2		4 x 2		4 x 2 1/2	
WEIGHT EACH	7.00		7.00		7.00		7.00		7.00		7.00		7.00	



# IMPORTED FORGED STEEL FITTINGS *Price List*

Effective Date: August 4, 2008 | Replaces Prior Date: June 2008 | Sheet # IMFS-8.08  
 Material Specification - ASTM A-105N, ASME SA-105N | Manufacturing Specification - ASME B 16.11

## SOCKET WELDING REDUCER INSERTS *MSS-SP-79 / ASTM A105N / ASME SA105N*

NOMINAL PIPE SIZE		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Class 3000 (For Schedule 40 Bore)	LIST	\$18.43	\$18.60	\$22.71	\$24.86	\$29.17	\$36.46	\$49.92	* \$346.46	* \$432.32
	WGT. EACH	0.10	0.20	0.31	0.42	0.62	0.68	1.50	3.00	4.40
	CTN. QTY	300	150	100	80	60	40	25	12	10

\* Long Lead Times

## THREADED UNIONS CLASS 3000 *MSS-SP-83 / ASME SA105N / ASTM A105N*

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"
Class 3000 Threaded Black	LIST	POA	\$38.74	\$38.74	\$32.62	\$39.25	\$51.29	\$87.27	\$99.56	\$129.35	\$343.47	\$393.81
	WGT. EACH	0.62	0.62	0.53	0.75	1.06	1.69	2.27	3.59	5.35	7.99	11.59
	CTN. QTY	-	70	70	50	30	20	14	10	6	3	2

## SOCKET WELD UNIONS CLASS 3000 *MSS-SP-83 / ASME SA105N / ASTM A105N*

NOMINAL PIPE SIZE		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
Class 3000 Socket Weld Black	LIST	\$44.82	\$44.82	\$38.57	\$43.83	\$56.47	\$92.69	\$98.65	\$136.10	\$364.39	\$439.28
	WGT. EACH	0.62	0.55	0.77	1.08	1.78	2.42	3.54	4.75	7.70	11.33
	CTN. QTY	70	70	50	30	20	14	10	6	3	2

## BUTT-WELD O-LET

OUTLET SIZE IN INCHES		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
Standard Butt-Weld	LIST	\$22.60	\$23.84	\$24.92	POA	\$29.60	\$29.86	\$68.40	\$74.86	\$94.59	\$233.42	*\$267.80	*\$511.71
	WGT. EACH	0.26	0.42	0.79	1.10	1.39	2.33	2.60	4.20	5.80	10.25	13.00	-
	CTN. QTY	150	100	50	-	25	15	10	6	3	-	-	-
Extra Strong Butt-Weld	LIST	*\$26.44	*\$27.11	*\$28.26	*POA	*POA	*\$37.26	*POA	*\$82.16	\$104.44	*POA	*\$431.15	*\$784.63
	WGT. EACH	0.28	0.40	0.75	1.00	1.30	1.80	2.60	4.20	5.80	10.25	13.00	25.00
	CTN. QTY	-	-	-	-	-	-	-	-	-	-	-	-

\* Long Lead Times. Note: Flat and Size on Size – Price on Application. Outlets available up to 60".

**MATERIALS:** All fittings available in stainless and alloy materials.

**INTERCHANGEABILITY OF SIZES:** O-Let Branch Connections are manufactured to industry size consolidation.

### ADDITIONAL SERVICES:

1. Normalized Products
  2. Stainless and Alloys
  3. Custom Parts
  4. Large Diameter Butt-Weld O-Lets available to 60".
- Please inquire on availability and price.



# IMPORTED FORGED STEEL FITTINGS *Price List*

Effective Date: August 4, 2008 | Replaces Prior Date: June 2008 | Sheet # IMFS-8.08

Material Specification - ASTM A-105N, ASME SA-105N | Manufacturing Specification - ASME B 16.11

## THREADED AND SOCKET O-LET

OUTLET SIZE IN INCHES		1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
3000# Threaded	LIST	POA-	POA-	\$10.91	\$12.58	\$14.65	\$23.23	\$23.23	\$26.45	\$88.72	\$107.59
	WGT. EACH	-	-	0.26	0.44	0.84	1.10	1.41	1.94	2.60	4.20
	CTN. QTY	-	-	150	100	50	35	25	15	10-	6
6000# Threaded	LIST	-	-	\$20.00	\$21.92	\$27.18	* POA	* \$127.28	* \$142.25	-	-
	WGT. EACH	-	-	0.28	0.40	1.30	1.00	1.30	4.14	-	-
	CTN. QTY	-	-	-	-	-	-	-	-	-	-
3000# Socket	LIST	POA-	POA-	\$13.54	\$13.73	\$15.23	\$25.44	\$25.44	\$28.92	* \$126.72	* \$171.11
	WGT. EACH	-	-	0.26	0.46	0.79	1.08	1.50	2.33	2.60	4.20
	CTN. QTY	-	-	150	100	50	35	25	15	10	6

\* Long Lead Times. Note: Flat O-Lets and Size on Size SW – Price on Application.

## RUN SIZE COMBINATIONS THREADED O-LET (Class 3000 & Class 6000) • SOCKET O-LET (Class 3000)

OUTLET SIZE IN INCHES	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Run Sizes	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	5
	1/2	1-3/4	1	1 1/2-1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	6
	1-3/4	2 1/2-1 1/4	1 1/2-1 1/4	2 1/2-2	2	2 1/2	3	4-3 1/2	4	5	8
	2 1/2-1 1/4	36-3	2 1/2-2	5-3	2 1/2	3 1/2-3	4-3 1/2	5	5	6	10
	36-3		8-3	12-6	3 1/2-3	5-4	6-5	6	6	8	14-12
		36-10	36-14	5-4	8-6	12-8	10-8	8	10	20-16	
				10-6	18-10	24-14	18-12	12-10	14-12	22	
				36-12	36-20	36-26	36-20	18-14	20-16	36-24	
								36-20	36-24		

Note: All sizes are in inches.

## SIZE on SIZE 3000# THREADED

OUTLET SIZE IN INCHES	1/2 x 1/2	3/4 x 3/4	1 x 1	1 1/4 x 1 1/4	1 1/2 x 1 1/2
LIST	POA	POA	POA	POA	POA
WGT. EACH	0.28	0.40	0.75	1.00	1.30
CTN. QTY	-	-	-	-	-

9,000 lb. SW O-Let – Price on Application. 10,000 lb. Threaded O-Let – Price on Application.

## ELBOW O-LET

OUTLET SIZE IN INCHES		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Standard Butt-Weld	LIST	POA	POA	POA	* POA	* \$165.46	\$188.92
	WGT. EACH	0.65	0.75	1.15	1.90	2.65	5.25
	CTN. QTY	-	-	-	-	-	-

\* Long Lead Times. Note: Size on Size and short radius connections – Price on Application. Sizes over 2" – Price on Application.



- NOTES -

- NOTES -

- NOTES -



### Corporate Offices

110 Corporate Drive, Suite 10  
P.O. Box 3180  
Portsmouth, NH 03801-3180  
Tel: 603-422-8000  
Fax: 603-422-8033  
E-mail: [webmaster@anvilintl.com](mailto:webmaster@anvilintl.com)

### Anvil International Worldwide Customer Service Center

Tel: 708-885-3000  
Fax: 708-534-5441

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## CANADA SERVICE CENTERS

### Corporate

390 Second Avenue  
Simcoe, Ontario N3Y 4K9  
Tel: 519-426-4551

### Western

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Edmonton, Alberta, T6B 2Z1  
Tel: 780-413-8274

### Central

390 Second Avenue  
Simcoe, Ontario N3Y 4K9  
Tel: 519-426-4551

### Eastern

2615-25 Brabant-Marineau. (Saint-Laurent)  
Montreal, Quebec, H4S 1R8  
Tel: 514-745-3835

## INTERNATIONAL SALES

### Europe, Asia and Middle East

Rick van Meesen, Director of Sales

The Netherlands  
Tel: +31-53-5725570  
Fax: +31-53-5725579

U.S. Customer Service  
Tel: +1-708-885-3000  
Fax: +1-708-534-5441

### Latin America and Mexico

Abraham Quijada, Sales Manager

Tel: +1-281-590-4600  
U.S. Customer Service  
Tel: +1-708-885-3000  
Fax: +1-708-534-5441

### Puerto Rico

R.R. Barril, Inc.  
Tel: +1-787-982-1550  
Fax: +1-787-982-1570  
U.S. Customer Service  
Tel: +1-708-885-3000  
Fax: +1-708-534-5441

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