



SMITH-COOPER.
INTERNATIONAL

ANVIL® Malleable Iron Fittings PF-MI

Effective Date 01/04/21

| Replaces Prior Date 09/02/2019

| Sheet # PF.MI-1.21

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 are available upon request.
- To obtain current ISO certifications, listings, and other approvals, visit Anvil's website at www.anvilintl.com.
- Pricing is subject to change without notice.

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.

CUSTOMER SERVICE CENTER

Tel: 800-301-2701

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www.anvilintl.com

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 Buyer (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 [non-engineered product] shipments of 2,500 pounds or more, rail freight or motor freight at the lowest published rates 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.

EXCEPTIONS: All Constant Supports, Spring Hangers, Sway Braces and all Engineered, Bundled assemblies are F.O.B. Plants, with No Freight Allowed.

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STANDARD MALLEABLE IRON FITTINGS

90° Elbow Fig. 1101



Size (in)	Approx Weight EACH (lbs)	90° Elbow Fig. 1101				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
1/8*	0.06	031000203 ☐	\$9.57	0311000202	\$14.84	35
1/4*	0.11	031000401 ☐	\$9.35	0311000400 ☐	\$13.55	25
3/8*	0.17	031000609 ☐	\$9.35	0311000608	\$13.55	20
1/2	0.31	031000807 ☐	\$6.48	0311000806 ☐	\$8.72	50
3/4	0.45	0310001003 ☐	\$7.81	0311001002 ☐	\$10.70	35
1	0.65	0310001201 ☐	\$13.59	0311001200 ☐	\$19.82	20
1 1/4	0.97	0310001409 ☐	\$22.39	0311001408 ☐	\$31.33	12
1 1/2	1.34	0310001607 ☐	\$29.45	0311001606 ☐	\$40.90	8
2	2.06	0310001805 ☐	\$50.78	0311001804 ☐	\$67.00	10
2 1/2	3.65	0310002001	\$113.11	0311002000	\$175.32	5
3	5.46	0310002209 ☐	\$165.54	0311002208	\$289.05	4
3 1/2	7.19	0310002407	\$476.72	0311002406	\$990.12	3
4	8.96	0310002605	\$355.57	0311002604	\$509.80	5
5	13.90	0310002803	\$1,145.95	0311002802	\$2,428.25	Bulk
6	23.82	0310003009	\$1,200.18	0311003008	\$2,029.65	Bulk

☐ - Sold in box only, blk/galv

90° Elbow, Reducing Fig. 1101R



Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
1/4	1/8*	0.10	0310006804	\$18.62	-	-	50
3/8	1/8*	0.12	0310007208	\$27.13	0311007207	\$41.27	25
3/8	1/4*	0.14	0310007000	\$13.15	0311007009	\$21.65	25
1/2	1/4	0.19	0310007604	\$12.69	0311007603	\$18.77	15
1/2	3/8	0.22	0310007406	\$12.33	0311007405	\$16.03	75
3/4	1/4	0.26	0310008206	\$21.81	0311008205	\$37.50	12
3/4	3/8	0.29	0310008008	\$17.74	0311008007	\$25.67	20
3/4	1/2	0.38	0310007802 ☐	\$12.69	0311007801 ☐	\$18.62	45
1	3/8	0.41	0310008800	\$34.64	0311008809	\$44.99	15
1	1/2	0.46	0310008602 ☐	\$17.60	0311008601 ☐	\$25.36	25
1	3/4	0.56	0310008404 ☐	\$16.32	0311008403 ☐	\$23.88	20
1 1/4	1/2	0.61	0310009402	\$35.73	0311009401	\$51.00	20
1 1/4	3/4	0.71	0310009204	\$30.57	0311009203	\$48.12	15
1 1/4	1	0.87	0310009006 ☐	\$27.41	0311009005	\$40.06	15
1 1/2	3/4	0.83	0310010004	\$44.26	0311010003	\$64.04	12
1 1/2	1	1.02	0310009808	\$38.68	0311009807	\$64.04	12
1 1/2	1 1/4	1.17	0310009600	\$38.68	0311009609	\$64.04	8
2	3/4	1.30	0310010806	\$67.50	0311010805	\$90.77	6
2	1	1.35	0310010608	\$63.67	0311010607	\$88.99	15

90° Elbow, Reducing Fig. 1101R

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
2	1 ¼	1.53	0310010400	\$63.67	0311010409	\$85.74	12
2	1 ½	1.75	0310010202	\$56.03	0311010201	\$74.81	12
2 ½	1 ½	2.54	0310011200	\$162.83	0311011209	\$282.53	6
2 ½	2	2.98	0310011002	\$153.77	0311011001	\$253.60	5
3	2	3.78	0310011606	\$248.60	0311011605	\$400.30	4
3	2 ½	4.30	0310011408	\$287.77	0311011407	\$460.89	4
4	3	7.80	0310012000	\$491.81	0311012009	\$1,042.97	2

☐ - Sold in box only, blk/galv

45° Elbow Fig. 1102



Size (in)	Approx Weight EACH (lbs)	45° Elbow Fig. 1102				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
½*	0.07	0310022801	\$14.09	0311022800	\$21.82	50
¼*	0.11	0310023007	\$14.09	0311023006	\$18.47	35
⅜*	0.16	0310023205	\$14.09	0311023204	\$20.63	20
½	0.22	0310023403 ☐	\$10.69	0311023402	\$13.80	75
¾	0.37	0310023601 ☐	\$13.22	0311023600	\$19.82	40
1	0.54	0310023809 ☐	\$16.66	0311023808 ☐	\$22.39	25
1 ¼	0.86	0310024005 ☐	\$29.46	0311024004	\$41.83	15
1 ½	1.13	0310024203	\$36.46	0311024202	\$49.14	8
2	1.79	0310024401 ☐	\$55.14	0311024400 ☐	\$72.69	6
2 ½	3.55	0310024609	\$159.53	0311024608	\$252.96	5
3	4.48	0310024807	\$207.19	0311024806	\$367.89	4
4	7.40	0310025200	\$406.29	0311025209	\$616.77	4
5	11.46	0310025408	\$1,770.12	0311025407	\$2,492.27	Bulk
6	18.34	0310025606	\$1,811.03	0311025605	\$3,005.09	Bulk

☐ - Sold in box only, blk/galv

90° Street Elbow Fig. 1103



Size (in)	Approx Weight EACH (lbs)	90° Street Elbow Fig. 1103				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
½*	0.06	0310015607 ☐	\$13.81	0311015606	\$19.37	40
¼*	0.10	0310015805 ☐	\$13.81	0311015804 ☐	\$18.76	30
⅜*	0.17	0310016001 ☐	\$13.81	0311016000	\$18.76	20
½	0.28	0310016209 ☐	\$13.39	0311016208 ☐	\$19.16	75
¾	0.41	0310016407 ☐	\$13.39	0311016406 ☐	\$19.16	40
1	0.62	0310016605 ☐	\$18.97	0311016604 ☐	\$25.63	15

90° Street Elbow Fig. 1103

Size (in)	Approx Weight EACH (lbs)	90° Street Elbow Fig. 1103				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ¼	1.09	0310016803 □	\$29.46	0311016802	\$43.02	10
1 ½	1.44	0310017009 □	\$39.44	0311017008	\$54.01	8
2	2.85	0310017207 □	\$64.07	0311017206	\$91.06	10
2 ½	4.02	0310017405	\$162.43	0311017404	\$263.41	4
3	6.06	0310017603	\$247.93	0311017602	\$383.35	4
4	10.53	0310017801	\$513.49	0311017800	\$785.37	4

□ - Sold in box only, blk/galv

90° Street Elbow, Reducing Fig. 1103R



Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
½	¾	0.23	0310018809	\$21.85	0311018808	\$32.55	35
¾	1	0.32	0310019005 □	\$29.59	0311019004	\$40.28	25
1	1 ¼	0.54	0310019203	\$27.80	0311019202	\$49.14	25
1 ¼	1 ½	0.75	0310019609	\$76.41	0311019608	\$97.86	15
1 ½	2	0.86	0310019401	\$40.02	0311019400	\$70.28	15
1 ½	2	1.08	0310020003	\$58.78	0311020002	\$83.99	10
1 ½	2	1.18	0310019807	\$71.61	0311019806	\$87.89	20
2	2 ½	1.85	0310020409	\$113.12	0311020408	\$149.32	12

□ - Sold in box only, blk/galv

45° Street Elbow Fig. 1104

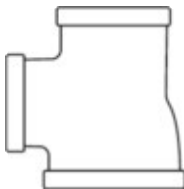


Size (in)	Approx Weight EACH (lbs)	45° Street Elbow Fig. 1104				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼*	0.06	0310026604	\$21.73	0311026603	\$28.20	50
¼*	0.10	0310026802	\$18.05	0311026801	\$26.06	50
¾*	0.14	0310027008	\$18.31	0311027007	\$27.80	25
½	0.20	0310027206	\$14.95	0311027205	\$21.06	75
¾	0.33	0310027404	\$22.57	0311027403	\$33.43	40
1	0.52	0310027602	\$26.30	0311027601	\$42.85	25
1 ¼	0.85	0310027800	\$45.47	0311027809	\$64.29	15
1 ½	1.22	0310028006	\$58.62	0311028005	\$77.86	10
2	1.92	0310028204	\$98.59	0311028203	\$128.21	12

Tee Fig. 1105


Size (in)	Approx Weight EACH (lbs)	Tee Fig. 1105				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
1/8*	0.09	0310029202 ☐	\$14.43	0311029201	\$20.98	25
1/4*	0.15	0310029400 ☐	\$13.59	0311029409 ☐	\$17.66	20
3/8*	0.23	0310029608 ☐	\$13.59	0311029607	\$17.66	15
1/2	0.41	0310029806 ☐	\$8.67	0311029805 ☐	\$11.31	40
3/4	0.67	0310030002 ☐	\$12.44	0311030001 ☐	\$18.62	20
1	0.90	0310030200 ☐	\$21.28	0311030209 ☐	\$30.10	12
1 1/4	1.31	0310030408 ☐	\$34.47	0311030407	\$47.79	8
1 1/2	1.73	0310030606 ☐	\$42.86	0311030605 ☐	\$59.39	5
2	2.52	0310030804 ☐	\$73.05	0311030803 ☐	\$96.52	10
2 1/2	4.90	0310031000	\$157.52	0311031009	\$271.73	4
3	7.07	0310031208	\$232.04	0311031207	\$333.85	3
3 1/2	9.00	0310031406	\$562.84	0311031405	\$801.45	4
4	11.32	0310031604	\$560.80	0311031603	\$753.84	4
5	19.42	0310031802	\$1,780.37	0311031801	\$2,482.50	Bulk
6	29.90	0310032008	\$2,011.56	0311032007	\$2,964.40	Bulk

☐ - Sold in box only, blk/galv

Tee, Reducing Fig. 1105R


Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Tee, Reducing Fig. 1105R				Box Quantity
				Black		Galvanized		
				ITEM#	Price Ea	ITEM#	Price Ea	
1/8	1/8	1/4*	0.12	0310036009	\$28.13	0311036008	\$53.62	25
1/4	1/4	1/8*	0.13	0310035803	\$31.00	0311035802	\$39.47	25
1/4	1/4	3/8	0.20	-	-	0311036800	\$54.09	15
3/8	1/4	1/4	0.19	0310036603	\$36.29	0311036602	\$49.49	15
3/8	1/4	3/8	0.21	0310036405	\$42.02	0311036404	\$51.89	15
3/8	3/8	1/4	0.21	0310036207	\$22.38	0311036206	\$34.04	15
3/8	3/8	1/2	0.27	0310038005	\$20.16	0311038004	\$26.76	10
1/2	1/4	1/2	0.29	0310037809	\$15.49	0311037808	\$25.68	10
1/2	3/8	3/8	0.28	0310037601	\$23.06	0311037600	\$30.84	10
1/2	3/8	1/2	0.33	0310037403	\$23.06	0311037402	\$34.13	10
1/2	1/2	1/4	0.27	0310037205	\$14.73	0311037204	\$21.65	10
1/2	1/2	3/8	0.30	0310037007	\$18.93	0311037006	\$26.26	25
1/2	1/2	3/4	0.45	0310039607	\$22.19	0311039606	\$30.95	30
1/2	1/2	1	0.55	0310042205	\$36.29	0311042204	\$52.00	25
3/4	1/4	3/4	0.45	0310039409	\$29.46	0311039408	\$40.37	30
3/4	3/8	3/8	0.36	0310039201	\$78.47	-	-	35
3/4	3/8	3/4	0.46	0310039003	\$59.38	0311039002	\$81.51	25
3/4	1/2	1/2	0.43	0310038807 ☐	\$19.74	0311038806	\$30.95	35
3/4	1/2	3/4	0.52	0310038708	\$22.19	0311038707	\$29.55	20



Malleable Iron Fittings PF-MI

PriceList

Effective Date 01/04/21

Replaces Prior Date 09/02/2019

Sheet # PF.MI-1.21

Tee, Reducing Fig. 1105R

Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Tee, Reducing Fig. 1105R				Box Quantity
				Black		Galvanized		
				ITEM#	Price Ea	ITEM#	Price Ea	
3/4	3/4	1/4	0.38	0310038609	\$21.37	0311038608	\$27.65	35
3/4	3/4	3/8	0.42	0310038401	\$23.61	0311038400	\$27.84	30
3/4	3/4	1/2	0.47	0310038203	\$19.22	0311038202	\$25.88	20
3/4	3/4	1	0.62	0310042007	\$29.29	0311042006	\$44.55	15
3/4	3/4	1 1/4	0.90	0310045208	\$65.03	0311045207	\$81.84	10
1	1/4	1	0.69	0310041801	\$28.17	0311041800	\$47.05	15
1	1/2	1/2	0.70	0310041603	\$27.64	0311041602	\$45.40	25
1	1/2	3/4	0.56	0310041405	\$32.97	0311041404	\$46.37	20
1	1/2	1	0.76	0310041207	\$27.64	0311041206	\$45.40	15
1	3/4	1/2	0.59	0310041009	\$27.78	0311041008	\$45.40	20
1	3/4	3/4	0.74	0310040803	\$25.67	0311040802	\$43.81	15
1	3/4	1	0.78	0310040605	\$28.17	0311040604	\$45.40	15
1	1	1/4	0.53	0310040407	\$30.72	0311040406	\$50.57	20
1	1	3/8	0.60	0310040209	\$34.11	0311040208	\$46.37	20
1	1	1/2	0.70	0310040001	\$24.27	0311040000	\$36.35	15
1	1	3/4	0.82	0310039805	\$24.27	0311039804	\$36.35	15
1	1	1 1/4	0.92	0310045000	\$53.70	0311045009	\$73.47	10
1	1	1 1/2	1.19	0310048608	\$88.04	0311048607	\$136.72	8
1	1	2	1.63	0310052204	\$124.89	0311052203	\$148.74	12
1 1/4	1/2	1	0.87	0310044805	\$60.11	0311044804	\$89.03	10
1 1/4	1/2	1 1/4	1.04	0310044607	\$51.48	0311044606	\$71.46	6
1 1/4	3/4	3/4	0.86	0310044409	\$51.48	0311044408	\$77.73	10
1 1/4	3/4	1	0.91	0310044201	\$47.67	0311044200	\$73.91	10
1 1/4	3/4	1 1/4	1.04	0310044003	\$46.67	0311044002	\$67.02	6
1 1/4	1	1/2	0.76	0310043807	\$56.06	0311043806	\$75.93	15
1 1/4	1	3/4	0.87	0310043609	\$45.28	0311043608	\$71.46	10
1 1/4	1	1	1.11	0310043401	\$45.28	0311043400	\$68.40	10
1 1/4	1	1 1/4	1.13	0310043203	\$54.36	0311043202	\$72.34	6
1 1/4	1 1/4	3/8	0.86	0310043005	\$62.97	0311043004	\$99.38	10
1 1/4	1 1/4	1/2	0.98	0310042809	\$44.22	0311042808	\$59.60	10
1 1/4	1 1/4	3/4	1.07	0310042601	\$38.78	0311042600	\$56.38	8
1 1/4	1 1/4	1	1.18	0310042403	\$42.02	0311042402	\$56.38	20
1 1/4	1 1/4	1 1/2	1.45	0310048400	\$67.73	0311048409	\$100.40	15
1 1/4	1 1/4	2	1.70	0310052006	\$113.23	0311052005	\$141.99	12
1 1/2	1/2	1 1/2	1.33	0310048202	\$61.53	0311048201	\$98.27	15
1 1/2	3/4	3/4	1.00	0310048004	\$103.16	0311048003	\$130.78	10
1 1/2	3/4	1 1/2	1.41	0310047808	\$61.53	0311047807	\$89.61	15
1 1/2	1	1	1.14	0310047600	\$61.53	0311047609	\$89.61	8
1 1/2	1	1 1/4	1.30	0310047402	\$83.53	0311047401	\$115.48	15
1 1/2	1	1 1/2	1.50	0310047204	\$61.53	0311047203	\$89.61	15
1 1/2	1 1/4	1/2	1.05	0310047006	\$67.73	0311047005	\$103.35	10
1 1/2	1 1/4	3/4	1.08	0310046800	\$61.53	0311046809	\$89.61	8
1 1/2	1 1/4	1	1.26	0310046602	\$52.84	0311046601	\$84.66	8
1 1/2	1 1/4	1 1/4	1.52	0310046404	\$82.55	0311046403	\$124.20	12
1 1/2	1 1/4	1 1/2	1.50	0310046206	\$92.79	0311046205	\$124.20	12
1 1/2	1 1/2	1/2	1.19	0310046008	\$51.81	0311046007	\$73.62	8
1 1/2	1 1/2	3/4	1.61	0310045802	\$48.94	0311045801	\$69.66	6
1 1/2	1 1/2	1	1.45	0310045604	\$48.94	0311045603	\$69.66	6
1 1/2	1 1/2	1 1/4	1.45	0310045406	\$60.52	0311045405	\$87.20	6
1 1/2	1 1/2	2	1.86	0310051800	\$109.09	0311051809	\$137.00	12
2	1/2	2	2.15	0310051602	\$95.94	0311051601	\$126.66	10
2	3/4	2	2.00	0310051404	\$94.29	0311051403	\$124.24	10
2	1	2	2.14	0310051206	\$95.94	0311051205	\$126.66	10
2	1 1/4	1 1/4	1.72	0310051008	\$95.94	0311051007	\$126.66	10
2	1 1/4	1 1/2	1.85	0310050802	\$134.98	0311050801	\$196.52	10
2	1 1/4	2	2.20	0310050604	\$103.05	0311050603	\$146.28	10
2	1 1/2	1	1.57	0310050406	\$94.29	0311050405	\$119.64	12
2	1 1/2	1 1/4	1.76	0310050208	\$96.12	0311050207	\$126.66	10
2	1 1/2	1 1/2	1.95	0310050000	\$98.78	0311050009	\$124.24	10
2	1 1/2	2	2.24	0310049804	\$103.85	0311049803	\$126.66	8
2	2	1/2	1.65	0310049606	\$78.15	0311049605	\$113.30	15
2	2	3/4	1.87	0310049408	\$76.69	0311049407	\$101.68	12
2	2	1	1.76	0310049200	\$76.69	0311049209	\$99.79	12
2	2	1 1/4	2.35	0310049002	\$82.55	0311049001	\$119.72	10
2	2	1 1/2	2.55	0310048806	\$82.55	0311048805	\$119.72	10

Tee, Reducing Fig. 1105R

Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Tee, Reducing Fig. 1105R				Box Quantity
				Black		Galvanized		
				ITEM#	Price Ea	ITEM#	Price Ea	
2	2	2 ½	3.50	0310054200	\$270.68	0311054209	\$444.36	6
2 ½	1 ½	2	3.43	0310054002	\$338.89	0311054001	\$497.93	6
2 ½	1 ½	2 ½	3.80	0310053806	\$270.68	0311053805	\$549.18	6
2 ½	2	2	3.28	0310053608	\$247.77	0311053607	\$401.39	6
2 ½	2	2 ½	4.05	0310053400	\$271.45	0311053409	\$444.36	4
2 ½	2 ½	¾	2.72	0310053202	\$230.13	0311053201	\$372.61	6
2 ½	2 ½	1	2.85	0310053004	\$238.95	0311053003	\$359.16	6
2 ½	2 ½	1 ¼	3.33	0310052808	\$238.95	0311052807	\$372.61	6
2 ½	2 ½	1 ½	3.46	0310052600	\$238.95	0311052609	\$374.79	6
2 ½	2 ½	2	3.65	0310052402	\$204.91	0311052401	\$336.60	6
2 ½	2 ½	3	5.82	0310056403	\$453.37	0311056402	\$711.98	4
3	2	2	4.47	0310056205	\$289.55	0311056204	\$465.81	4
3	2	3	5.78	0310056007	\$328.69	0311056006	\$576.10	4
3	2 ½	2	4.80	0310055801	\$477.31	0311055800	\$708.48	4
3	2 ½	2 ½	5.80	0310055603	\$477.31	0311055602	\$708.48	4
3	3	¾	4.03	0310055405	\$279.03	0311055404	\$614.48	4
3	3	1	4.13	0310055207	\$275.02	0311055206	\$440.45	4
3	3	1 ¼	4.50	0310055009	\$289.76	0311055008	\$465.81	4
3	3	1 ½	5.19	0310054804	\$284.54	0311054803	\$456.91	4
3	3	2	5.70	0310054606	\$273.70	0311054605	\$440.45	4
3	3	2 ½	6.09	0310054408	\$325.13	0311054407	\$512.99	4
4	3	4	10.40	0310057401	\$914.77	0311057400	\$1,414.59	4
4	4	1 ½	7.47	0310057104	\$663.76	0311057103	\$1,044.15	4
4	4	2	8.39	0310057005	\$645.47	0311057004	\$980.32	4
4	4	2 ½	9.57	0310056809	\$820.80	0311056808	\$1,491.78	4
4	4	3	11.02	0310056601	\$663.76	0311056600	\$1,225.72	Bulk

□ - Sold in box only, blk/galv

Street Tee Fig. 1106



Size (in)	Approx Weight EACH (lbs)	Street Tee Fig. 1106				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼*	0.15	0310061601	\$29.13	0311061600	\$41.80	25
⅜	0.24	0310061809	\$34.19	0311061808	\$46.78	12
½	0.34	0310062005	\$28.24	0311062004	\$44.28	15
¾	0.61	0310062203	\$31.67	0311062202	\$40.50	15
1	0.96	0310062401	\$41.85	0311062400	\$64.06	10
1 ¼	1.39	0310062609	\$69.11	0311062608	\$106.84	6
1 ½	1.93	0310062807	\$107.76	0311062806	\$162.86	12
2	3.16	0310063003	\$198.41	0311063002	\$311.80	8

Street Tee, Reducing Fig. 1106R



Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Street Tee, Reducing Fig. 1106R				Box Quantity
				Black		Galvanized		
				ITEM#	Price Ea	ITEM#	Price Ea	
1 ¼	1	1 ¼	1.34	0310064209	\$101.19	0311064208	\$153.00	8

Cross Fig. 1107



Size (in)	Approx Weight EACH (lbs)	Cross Fig. 1107				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼*	0.12	0310069208	\$41.49	0311069207	\$67.76	25
¼*	0.18	0310069406	\$31.53	0311069405	\$51.62	15
⅜*	0.28	0310069604	\$36.02	0311069603	\$56.15	20
½	0.42	0310069802	\$32.76	0311069801	\$46.48	30
¾	0.69	0310070008	\$39.63	0311070007	\$56.62	15
1	1.12	0310070206	\$48.83	0311070205	\$78.13	10
1 ¼	1.44	0310070404	\$79.23	0311070403	\$117.48	15
1 ½	1.98	0310070602	\$98.20	0311070601	\$137.44	10
2	3.30	0310070800	\$161.47	0311070809	\$260.31	8
2 ½	5.17	0310071006	\$379.18	0311071005	\$729.16	4
3	7.94	0310071204	\$476.95	0311071203	\$769.14	4
4	13.50	0310071600	\$1,094.45	0311071609	\$1,984.18	Bulk

Y-Branch Fig. 1108



Size (in)	Approx Weight EACH (lbs)	Y-Branch Fig. 1108				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
⅜*	0.27	0310066402	\$36.60	0311066401	\$44.49	12
½	0.37	0310066600	\$36.29	0311066609	\$39.95	35
¾	0.62	0310066808	\$48.12	0311066807	\$65.80	20

Y-Branch Fig. 1108

Size (in)	Approx Weight EACH (lbs)	Y-Branch Fig. 1108				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
1	0.86	0310067004	\$59.77	0311067003	\$85.29	10
1 ¼	1.63	0310067202	\$98.59	0311067201	\$136.63	6
1 ½	2.06	0310067400	\$144.27	0311067409	\$201.19	10
2	3.05	0310067608	\$224.53	0311067607	\$323.64	6
2 ½	5.86	0310067806	\$602.12	0311067805	\$871.91	4
3	9.18	0310068002	\$832.48	0311068001	\$1,581.24	Bulk
4	15.70	0310068200	\$1,674.59	0311068209	\$2,490.86	Bulk

Open-Pattern Return Bend Fig. 1119



Size (in)	Approx Weight EACH (lbs)	Open-Pattern Return Bend Fig. 1119				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
½	0.36	0310077003	\$116.57	-	-	20
¾	0.64	0310077201	\$70.40	-	-	20
1	1.15	0310077409	\$65.44	0311077408	\$99.11	10
1 ¼	1.77	0310077607	\$143.03	-	-	12
1 ½	2.55	0310077805	\$242.14	0311077804	\$314.18	10
2	4.25	0310078001	\$251.33	0311078000	\$326.10	6

Coupling Fig. 1121



Size (in)	Approx Weight EACH (lbs)	Coupling Fig. 1121				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
⅝"□	0.06	0310079603	\$13.47	0311079602	\$19.34	40
¼"	0.09	0310079801 □	\$11.61	0311079800	\$16.17	35
⅜"	0.13	0310080007	\$11.61	0311080006	\$16.72	30
½"	0.21	0310080205 □	\$8.96	0311080204 □	\$12.77	20
¾"	0.32	0310080403 □	\$10.49	0311080402 □	\$14.71	60
1"	0.48	0310080601 □	\$15.71	0311080600 □	\$24.11	25
1 ¼"	0.76	0310080809 □	\$20.34	0311080808	\$34.02	15
1 ½"	1.01	0310081005 □	\$27.50	0311081004	\$38.66	10
2"	1.83	0310081203 □	\$40.72	0311081202	\$56.50	5
2 ½"	2.45	0310081401	\$112.39	0311081400	\$172.98	12
3"	3.40	0310081609	\$151.96	0311081608	\$231.19	4
4"	5.84	0310081807	\$306.03	0311081806	\$491.02	4

□ Supplied in Steel only.

□ - Sold in box only, blk/galv

Cap Fig. 1124


Size (in)	Approx Weight EACH (lbs)	Cap Fig. 1124				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
½	0.12	0318900529 ☐	\$6.53	0319900528 ☐	\$9.66	75
¾	0.22	0318900560 ☐	\$8.87	0319900569 ☐	\$13.37	60
1	0.38	0318900602 ☐	\$10.72	0319900601 ☐	\$16.56	35
1 ¼	0.58	0318900644 ☐	\$14.14	0319900643 ☐	\$21.82	25
1 ½	0.73	0318900685 ☐	\$19.43	0319900684 ☐	\$27.96	20
2	1.13	0318900727 ☐	\$28.34	0319900726 ☐	\$39.16	12
2 ½	1.75	0318900768 ☐	\$64.57	0319900767 ☐	\$113.74	15
3	2.62	0318900842 ☐	\$95.94	0319900841 ☐	\$137.84	12
3 ½	3.19	0318900925 ☐	\$239.89	0319900924 ☐	\$417.27	8
4	4.54	0318901006 ☐	\$164.50	0319901005 ☐	\$304.54	4
5	6.45	0318901089 ☐	\$432.47	0319901088 ☐	\$855.99	4
6	9.98	0318901162 ☐	\$718.76	0319901161 ☐	\$1,032.61	Bulk

☐ - Sold in box only, blk/galv

Reducer Fig. 1125


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
¼	⅝	0.07	0310084801 ☐	\$12.24	0311084800 ☐	\$16.56	25
⅜	⅝	0.11	0310085204 ☐	\$15.66	0311085203 ☐	\$27.20	30
⅜	¾	0.11	0310085006 ☐	\$12.24	0311085005 ☐	\$16.56	25
½	⅝	0.14	0310085808 ☐	\$12.37	0311085807 ☐	\$19.64	20
½	¾	0.15	0310085600 ☐	\$11.13	0311085609 ☐	\$14.89	25
½	⅞	0.17	0310085402 ☐	\$10.51	0311085401 ☐	\$15.49	25
¾	⅝	0.24	0310086608 ☐	\$14.65	0311086607 ☐	\$21.57	20
¾	¾	0.22	0310086400 ☐	\$14.04	0311086409 ☐	\$18.82	12
¾	⅞	0.25	0310086202 ☐	\$14.04	0311086201 ☐	\$18.82	50
¾	1	0.27	0310086004 ☐	\$11.77	0311086003 ☐	\$16.55	60
1	¾	0.35	0310087408 ☐	\$24.71	0311087407 ☐	\$39.18	20
1	⅞	0.35	0310087200 ☐	\$23.07	0311087209 ☐	\$35.84	20
1	1	0.48	0310087002 ☐	\$18.76	0311087001 ☐	\$27.60	45
1	¾	0.43	0310086806 ☐	\$18.31	0311086805 ☐	\$25.63	35
1 ¼	½	0.61	0310088000 ☐	\$27.64	0311088009 ☐	\$45.81	15
1 ¼	¾	0.64	0310087804 ☐	\$23.57	0311087803 ☐	\$35.69	20
1 ¼	1	0.68	0310087606 ☐	\$23.57	0311087605 ☐	\$35.01	20
1 ½	½	0.78	0310088802 ☐	\$35.15	0311088801 ☐	\$54.01	15
1 ½	¾	0.88	0310088604 ☐	\$39.63	0311088603 ☐	\$46.02	15
1 ½	1	0.88	0310088406 ☐	\$34.54	0311088405 ☐	\$46.02	15
1 ½	1 ¼	0.90	0310088208 ☐	\$29.79	0311088207 ☐	\$43.46	10
2	½	1.30	0310089800 ☐	\$57.23	0311089809 ☐	\$77.97	10

Reducer Fig. 1125

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
2	¾	1.34	0310089602	\$49.41	0311089601	\$75.20	5
2	1	1.40	0310089404 ¶	\$46.70	0311089403	\$62.78	5
2	1 ¼	1.53	0310089206	\$49.41	0311089205	\$66.37	5
2	1 ½	1.55	0310089008 ¶	\$43.16	0311089007	\$62.78	5
2 ½	1	2.12	0310090600	\$127.57	0311090609	\$202.59	10
2 ½	1 ¼	2.09	0310090402	\$127.57	0311090401	\$237.83	10
2 ½	1 ½	2.09	0310090204	\$117.71	0311090203	\$185.18	7
2 ½	2	2.51	0310090006	\$99.21	0311090005	\$175.16	8
3	1	3.16	0310091608	\$157.94	0311091607	\$246.06	5
3	1 ¼	2.99	0310091400	\$160.87	0311091409	\$246.06	4
3	1 ½	3.02	0310091202	\$155.07	0311091201	\$232.79	4
3	2	3.41	0310091004	\$128.41	0311091003	\$220.01	5
3	2 ½	3.31	0310090808	\$149.95	0311090807	\$224.66	5
3 ½	2	4.32	0310092200	\$516.02	0311092209	\$773.02	4
3 ½	2 ½	4.72	0310092002	\$528.07	0311092001	\$832.91	Bulk
3 ½	3	4.99	0310091806	\$513.48	0311091805	\$809.83	4
4	1 ½	4.90	0310093208	\$410.82	0311093207	\$843.12	4
4	2	5.10	0310093000	\$310.83	0311093009	\$503.67	4
4	2 ½	5.93	0310092804	\$348.61	0311092803	\$589.63	4
4	3	6.55	0310092606	\$310.83	0311092605	\$503.67	4
4	3 ½	6.30	0310092408	\$490.14	0311092407	\$773.02	4
5	4	9.57	0310093406	\$770.56	0311093405	\$1,605.21	Bulk
6	4	11.13	0310093604	\$940.04	0311093603	\$1,737.02	Bulk

¶ - Sold in box only, blk/galv

Hex Locknut Fig. 1134



Size (in)	Approx Weight EACH (lbs)	Hex Locknut Fig. 1134				Box Quantity
		Black		Electroplated		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼"¶	0.02	0318913365	\$9.28	0319913364	\$10.62	50
⅜"¶	0.04	0318913407	\$10.80	0319913406	\$13.55	50
½"¶	0.06	0318913449	\$9.28	0319913448	\$10.95	50
¾"	0.08	0318913480	\$10.09	0319913489	\$12.83	50
1"	0.14	0318913522	\$19.36	0319913521	\$23.33	25
1 ¼	0.21	0318913563	\$15.89	0319913562	\$22.39	25
1 ½	0.24	0318913605	\$22.34	0319913604	\$29.06	15
2	0.41	0318913647	\$37.09	0319913646	\$51.18	25

¶ Supplied in Steel only.

Floor Flange Fig. 1190 (Ductile Iron)



Size (in)	Approx Weight EACH (lbs)	Floor Flange Fig. 1190 (Ductile Iron)				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼	0.30	0300194602	\$30.21	0301194601	\$58.78	1
¾	0.36	0300194800	\$30.21	0301194809	\$58.78	1
½	0.55	0310105002	\$30.21	0311105001	\$75.49	30
¾	0.54	0310105200	\$30.21	0311105209	\$75.49	20
1	0.76	0310105408	\$37.97	0311105407	\$68.90	15
1 ¼	0.90	0310105606	\$37.97	0311105605	\$91.59	25
1 ½	1.25	0310105804	\$48.83	0311105803	\$117.33	10
2	2.05	0310106000	\$58.73	0311106009	\$149.02	15

PLAIN FITTINGS

Oval Waste Nut Fig. 1133

Size (in)	Approx Weight EACH (lbs)	Oval Waste Nut Fig. 1133				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
½*	0.12	0310103007	\$19.15	-	-	50
¾*	0.15	0310103205	\$23.10	0311103204	\$31.33	25

Extension Piece Fig. 1138

Size (in)	Approx Weight EACH (lbs)	Extension Piece Fig. 1138				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
½	0.19	0310095419	\$19.98	0311095418	\$32.18	20
¾	0.33	0310095427	\$29.45	0311095426	\$48.12	60
1	0.48	0310095435	\$42.49	0311095434	\$60.36	30

EXTRA HEAVY MALLEABLE IRON FITTINGS

XH 90° Elbow Fig. 1161



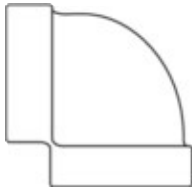
Size (in)	Approx Weight EACH (lbs)	XH 90° Elbow Fig. 1161				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼*	0.20	0310500202	\$32.80	0311500201	\$58.73	20
¾*	0.29	0310500400	\$29.13	0311500409	\$59.90	15
½	0.47	0310500608	\$39.56	0311500607	\$71.35	40

XH 90° Elbow Fig. 1161

Size (in)	Approx Weight EACH (lbs)	XH 90° Elbow Fig. 1161				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¾	0.66	0310500806 □	\$42.70	0311500805	\$80.11	20
1	1.15	0310501002 □	\$54.54	0311501001	\$102.71	15
1 ¼	1.89	0310501200	\$79.59	0311501209	\$161.35	13
1 ½	2.47	0310501408 □	\$93.85	0311501407	\$174.88	10
2	3.79	0310501606 □	\$135.01	0311501605	\$293.89	6
2 ½	6.51	0310501804	\$349.90	0311501803	\$654.07	3
3	9.95	0310502000	\$401.82	0311502009	\$771.45	2
4	16.00	0310502406	\$1,041.20	0311502405	\$2,415.32	Bulk

□ - Sold in box only, blk/galv

XH 90° Elbow, Reducing Fig. 1161R



Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
¾	¼	0.26	0310503800	\$70.47	-	-	25
½	¾	0.41	0310504006	\$69.84	-	-	25
¾	½	0.62	0310504204	\$51.44	0311504203	\$91.30	20
1	½	0.87	0310504808	\$105.90	0311504807	\$129.55	20
1	¾	1.00	0310504600	\$102.98	-	-	20
1 ¼	¾	1.41	0310505201	\$204.87	-	-	15
1 ¼	1	1.60	0310505003	\$135.52	-	-	15
1 ½	1	1.89	0310505607	\$225.29	-	-	10
1 ½	1 ¼	2.15	0310505409	\$225.29	-	-	10
2	1 ¼	3.12	0310506001	\$316.52	-	-	5
2	1 ½	3.30	0310505805	\$282.25	0311505804	\$556.73	5

XH 45° Street Elbow Fig. 1160



Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
½	0.36	0310513601	\$89.29	12
¾	0.54	0310513809	\$97.53	30
1	0.85	0310514005	\$114.36	15
1 ¼	1.50	0310514203	\$139.84	10
1 ½	2.06	0310514401	\$226.73	6
2	3.34	0310514609	\$349.80	8

XH 45° Elbow Fig. 1162



Size (in)	Approx Weight EACH (lbs)	XH 45° Elbow Fig. 1162				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼*	0.19	0310510201	\$48.83	0311510200	\$69.57	25
⅜*	0.28	0310510409	\$48.83	0311510408	\$69.57	15
½	0.43	0310510607	\$54.34	0311510606	\$105.99	10
¾	0.66	0310510805	\$60.47	0311510804	\$122.55	12
1	1.00	0310511001	\$66.83	0311511000	\$133.87	15
1 ¼	1.67	0310511209	\$107.18	0311511208	\$207.79	15
1 ½	2.15	0310511407	\$139.69	0311511406	\$268.83	11
2	3.40	0310511605	\$211.10	0311511604	\$372.38	6
2 ½	5.51	0310511803	\$493.94	0311511802	\$995.01	4
3	8.10	0310512009	\$649.54	0311512008	\$1,370.07	3
4	13.41	0310512207	\$1,475.30	0311512206	\$1,889.46	3

XH 90° Street Elbow Fig. 1170



Size (in)	Approx Weight EACH (lbs)	XH 90° Street Elbow Fig. 1170				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼*	0.17	0310507405	\$38.85	0311507404	\$61.81	30
⅜*	0.26	0310507603	\$43.57	0311507602	\$61.81	15
½	0.47	0310507801	\$50.77	0311507800	\$121.11	20
¾	0.68	0310508007	\$72.10	0311508006	\$128.64	25
1	1.04	0310508205	\$84.54	0311508204	\$168.20	15
1 ¼	1.60	0310508403	\$116.30	0311508402	\$219.72	15
1 ½	2.20	0310508601	\$143.68	0311508600	\$282.44	10
2	3.59	0310508809	\$223.63	0311508808	\$441.46	4
3	9.55	0310509203	\$574.11	-	-	2

XH Tee Fig. 1164


Size (in)	Approx Weight EACH (lbs)	XH Tee Fig. 1164				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼*	0.27	0310515606	\$41.33	0311515605	\$83.60	15
⅜*	0.42	0310515804	\$43.74	0311515803	\$85.15	10
½	0.65	0310516000	\$55.71	0311516009	\$106.60	25
¾	1.07	0310516208	\$60.13	0311516207	\$117.40	15
1	1.62	0310516406	\$72.34	0311516405	\$144.73	10
1 ¼	2.49	0310516604	\$103.69	0311516603	\$206.59	10
1 ½	3.40	0310516802	\$120.90	0311516801	\$214.81	7
2	5.20	0310517008	\$178.47	0311517007	\$343.41	5
2 ½	8.42	0310517206	\$454.38	0311517205	\$1,085.65	4
3	12.47	0310517404	\$618.39	0311517403	\$1,230.74	4
4	24.02	0310517800	\$1,845.85	0311517809	\$3,310.79	Bulk

XH Tee, Reducing Fig. 1164R


Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	XH Tee, Reducing Fig. 1164R				Box Quantity
				Black		Galvanized		
				ITEM#	Price Ea	ITEM#	Price Ea	
⅜	⅜	¼	0.37	0310519202	\$53.19	-	-	30
½	½	¼	0.48	0310519608	\$59.49	-	-	52
½	½	⅜	0.61	0310519400	\$94.39	-	-	Bulk
½	½	¾	0.80	0310521000	\$173.36	-	-	13
¾	¾	½	0.78	0310520804	\$158.32	-	-	Bulk
¾	½	¾	0.93	0310520606	\$112.48	-	-	13
¾	¾	¼	0.76	0310520408	\$158.32	-	-	15
¾	¾	⅝	0.80	0310520200	\$176.61	-	-	13
¾	¾	½	0.88	0310520002	\$88.83	0311520001	\$155.93	13
1	½	1	1.36	0310522404	\$186.30	-	-	18
1	¾	¾	1.27	0310522206	\$140.25	-	-	10
1	¾	1	1.38	0310522008	\$157.40	-	-	9
1	1	¼	1.09	0310521802	\$133.21	-	-	9
1	1	½	1.26	0310521406	\$108.57	0311521405	\$186.13	10
1	1	¾	1.33	0310521208	\$108.57	0311521207	\$204.81	10
1 ¼	1	1	1.92	0310523808	\$173.88	-	-	14
1 ¼	1 ¼	½	1.88	0310523204	\$173.88	0311523203	\$315.16	15
1 ¼	1 ¼	¾	1.90	0310523006	\$144.55	0311523005	\$271.73	12
1 ¼	1 ¼	1	2.13	0310522800	\$157.16	0311522809	\$271.73	6
1 ½	1 ½	½	2.27	0310524806	\$196.80	0311524805	\$338.53	10
1 ½	1 ½	¾	2.46	0310524608	\$175.87	0311524607	\$333.53	10
1 ½	1 ½	1	2.70	0310524400	\$175.87	0311524409	\$333.53	9
1 ½	1 ½	1 ¼	3.05	0310524202	\$218.55	0311524201	\$449.28	9

XH Tee, Reducing Fig. 1164R

Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	XH Tee, Reducing Fig. 1164R				Box Quantity
				Black		Galvanized		
				ITEM#	Price Ea	ITEM#	Price Ea	
2	1 ½	2	4.50	0310526207	\$358.60	-	-	5
2	2	½	3.38	0310526009	\$283.55	0311526008	\$531.98	5
2	2	¾	3.57	0310525803	\$283.55	0311525802	\$531.98	8
2	2	1	3.69	0310525605	\$283.55	0311525604	\$449.57	6
2	2	1 ¼	4.22	0310525407	\$305.47	0311525406	\$642.20	6
2	2	1 ½	4.60	0310525209	\$263.70	0311525208	\$494.14	5
2 ½	2 ½	1 ½	6.35	0310526603	\$509.14	-	-	4
2 ½	2 ½	2	7.59	0310526405	\$0.00	-	-	Bulk
3	3	2	10.10	0310527205	\$1,234.04	0311527204	\$2,214.60	4

XH Cross Fig. 1165



Size (in)	Approx Weight EACH (lbs)	XH Cross Fig. 1165				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼	0.35	0310529201	\$116.79	-	-	30
¾	1.25	0310529805	\$182.97	0311529804	\$404.01	25
1	1.90	0310530001	\$199.59	-	-	13
1 ¼	3.23	0310530209	\$202.46	-	-	8
1 ½	4.20	0310530407	\$349.19	-	-	6
2	6.49	0310530605	\$380.24	-	-	3

XH Coupling Fig. 1166



Size (in)	Approx Weight EACH (lbs)	XH Coupling Fig. 1166				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
¼*	0.17	0310538004	\$29.59	0311538003	\$38.54	30
⅜*	0.26	0310538202	\$29.59	0311538201	\$55.46	10
½*	0.40	0310538400	\$33.01	0311538409	\$56.89	10
¾	0.65	0310538608	\$37.99	0311538607	\$64.27	12
1	0.99	0310538806	\$43.44	0311538805	\$85.02	8
1 ¼	1.64	0310539002	\$51.65	0311539001	\$110.81	15
1 ½	2.03	0310539200	\$77.36	0311539209	\$156.37	12
2	3.24	0310539606	\$111.43	0311539605	\$189.37	8
2 ½	5.45	0310539804	\$214.97	0311539803	\$521.64	5
3	7.30	0310540000	\$309.66	0311540009	\$621.01	3

XH Reducer Fig. 1167



Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
3/8	1/4	0.22	0310541206	\$39.12	0311541205	\$55.48	24
1/2	1/4	0.31	0310541602	\$47.11	0311541601	\$80.38	12
1/2	3/8	0.34	0310541404	\$47.11	0311541403	\$80.38	12
3/4	1/4	0.46	0310542204	\$70.39	-	-	45
3/4	3/8	0.47	0310542006	\$70.39	0311542005	\$129.04	45
3/4	1/2	0.50	0310541800	\$48.16	0311541809	\$97.56	45
1	1/4	0.66	0310543004	\$88.83	0311543003	\$173.33	15
1	3/8	0.71	0310542808	\$88.83	0311542807	\$157.15	20
1	1/2	0.71	0310542600	\$58.69	0311542609	\$118.88	20
1	3/4	0.77	0310542402	\$57.54	0311542401	\$116.54	30
1 1/4	1/2	1.12	0310543608	\$132.51	0311543607	\$201.65	22
1 1/4	3/4	1.16	0310543400	\$78.57	0311543409	\$145.66	12
1 1/4	1	1.25	0310543202	\$75.76	0311543201	\$132.43	12
1 1/2	1/2	1.51	0310544408	\$137.63	0311544407	\$251.24	16
1 1/2	3/4	1.57	0310544200	\$107.73	0311544209	\$180.49	10
1 1/2	1	1.62	0310544002	\$103.73	0311544001	\$180.49	8
1 1/2	1 1/4	1.78	0310543806	\$118.00	0311543805	\$199.13	8
2	1/2	2.39	0310545405	\$198.62	-	-	12
2	3/4	2.44	0310545207	\$188.66	0311545206	\$381.82	10
2	1	2.54	0310545009	\$150.45	0311545008	\$289.36	9
2	1 1/4	2.54	0310544804	\$183.95	0311544803	\$385.41	6
2	1 1/2	2.72	0310544606	\$149.17	0311544605	\$258.28	10
2 1/2	1 1/2	4.09	0310545801	\$320.30	0311545800	\$704.66	4
2 1/2	2	4.32	0310545603	\$304.23	0311545602	\$704.66	5
3	1 1/2	5.79	0310546403	\$572.13	-	-	4
3	2	5.83	0310546205	\$445.82	0311546204	\$1,065.54	4
3	2 1/2	6.45	0310546007	\$487.36	0311546006	\$1,121.80	4
4	2	9.50	0310547005	\$990.49	-	-	4
4	3	10.00	0310546601	\$990.49	-	-	4

XH Cap Fig. 1163



Size (in)	Approx Weight EACH (lbs)	XH Cap Fig. 1163				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
1/4*	0.11	0318901261	\$30.35	0319901260	\$39.31	40
3/8*	0.15	0318901287	\$30.35	0319901286	\$39.31	25
1/2*	0.24	0318901303	\$30.10	0319901302	\$57.67	15
3/4	0.36	0318901329	\$37.99	0319901328	\$68.94	12
1	0.58	0318901345	\$49.83	0319901344	\$94.59	15

XH Cap Fig. 1163

Size (in)	Approx Weight EACH (lbs)	XH Cap Fig. 1163				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ¼	0.95	0318901360	\$55.20	0319901369	\$111.91	10
1 ½	1.32	0318901386	\$80.64	0319901385	\$156.87	5
2	1.96	0318901402	\$112.09	0319901401	\$217.12	8
2 ½	3.35	0318901410	\$238.28	0319901419	\$538.37	10
3	4.71	0318901428	\$312.35	0319901427	\$773.95	8

SQ C/S Plug Fig. 390

Size (in)	Approx Weight EACH (lbs)	SQ C/S Plug Fig. 390				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
½	0.05	0318904562	\$10.96	0319904561	\$16.51	100
¾	0.11	0318904646	\$14.90	0319904645	\$25.67	50

ALL IRON UNIONS

300 All Iron Union Fig. J-3300 (Not Columbia Plant Product)



Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
¼	0.27	0312703408	\$109.71	100
⅜	0.37	0312703606	\$109.71	100
½	0.51	0312703804	\$115.59	60
¾	0.76	0312704000	\$124.04	50
1	1.20	0312704208	\$152.13	25
1 ¼	1.87	0312704406	\$233.40	20
1 ½	2.51	0312704604	\$285.00	15
2	4.30	0312704802	\$360.66	10
2 ½	6.02	0312705007	\$639.12	8
3	7.96	0312705205	\$1,214.74	4

MALLEABLE IRON UNIONS COPPER OR COPPER ALLOY TO IRON

150 Union Fig. 463



Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
¼		0.15	0312822000	\$52.39	0313822009	\$74.69	25

150 Union Fig. 463

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
¼		0.48	0312822026	\$48.49	0313822025	\$65.77	40
⅜		0.43	0312822042 ☐	\$33.40	0313822041	\$44.02	40
½		0.45	0312822067 ☐	\$30.24	0313822066 ☐	\$40.15	40
¾		0.63	0312822083 ☐	\$34.78	0313822082 ☐	\$46.15	30
¾	½	0.59	0312822109	\$61.69	0313822108	\$76.78	30
1		0.94	0312822125 ☐	\$45.32	0313822124 ☐	\$60.44	15
1 ¼		1.45	0312822141 ☐	\$65.00	0313822140	\$87.37	8
1 ½		1.69	0312822166 ☐	\$81.04	0313822165 ☐	\$105.85	15
2		2.56	0312822182 ☐	\$94.22	0313822181 ☐	\$121.70	12
2 ½		3.60	0312822208	\$280.76	0313822207	\$422.74	-
3		4.95	0312822224	\$337.98	0313822223	\$591.66	-

☐ - Sold in box only, blk/galv

250 Union Fig. 554



Size (in)	Approx Weight EACH (lbs)	250 Union Fig. 554				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
⅜	0.14	0312822307	\$131.93	-	-	-
½	0.64	0312822349	\$56.76	0313822363	\$91.46	30
¾	0.82	0312822364	\$55.83	0313822389	\$83.09	20
1	1.56	0312822380	\$68.51	0313822405	\$103.03	20
1 ¼	1.63	0312822406	\$114.89	0313822421	\$156.02	15
1 ½	2.06	0312822422	\$132.31	0313822447	\$179.62	15
2	3.48	0312822448	\$169.73	0313822462	\$253.68	9
2 ½	6.05	0312822463	\$531.99	0313822488	\$667.31	-
3	7.76	0312822489	\$622.64	0313822504	\$1,023.81	-
4	17.86	0312822505	\$1,103.60	0313822520	\$1,605.98	-

300 Union Fig. 459



Size (in)	Approx Weight EACH (lbs)	300 Union Fig. 459				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
⅜	0.14	0312822604	\$77.65	0313822603	\$86.66	25
¼	0.45	0312822620	\$70.82	0313822629	\$96.21	40
⅜	0.43	0312822646	\$71.67	0313822645	\$98.12	25
½	0.53	0312822661	\$57.99	0313822660	\$93.05	15
¾	0.82	0312822687 ☐	\$64.21	0313822686	\$100.89	20
1	1.28	0312822703 ☐	\$83.83	0313822702	\$133.84	10

300 Union Fig. 459

Size (in)	Approx Weight EACH (lbs)	300 Union Fig. 459				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ¼	1.63	0312822729	\$136.70	0313822728	\$186.64	18
1 ½	2.05	0312822745	\$143.17	0313822744	\$224.72	12
2	4.08	0312822760	\$177.34	0313822769	\$269.73	9
2 ½	6.05	0312822786	\$571.76	0313822785	\$752.40	-
3	8.26	0312822802	\$739.69	0313822801	\$1,272.53	-
4	17.70	0312822828	\$2,589.33	0313822827	\$3,343.53	-

☐ - Sold in box only, blk/galv

300 Male/Female Union Fig. 551



Size (in)	Approx Weight EACH (lbs)	Black	
		ITEM#	Price Ea
½	0.69	0312717002	\$167.20
¾	1.16	0312717200	\$252.63
1	1.75	0312717408	\$283.30
1 ½	3.25	0312717804	\$612.34
2	4.87	0312718000	\$817.03

300 90° Elbow Female Union Fig. 552



Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
¾	0.57	0312104128	\$245.12	Bulk
½	0.79	0312104169	\$207.97	Bulk
¾	1.37	0312104201	\$220.80	Bulk
1	2.20	0312104243	\$251.23	Bulk

300 BR/BR Dart Union Fig. 832



Size (in)	Approx Weight EACH (lbs)	300 BR/BR Dart Union Fig. 832				Box Quantity
		Black		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	
3/8	0.41	0312819402	\$37.22	0313819401	\$59.54	20
1/2	0.64	0312819600	\$38.94	0313819609	\$54.29	15
3/4	0.78	0312819808	\$44.14	0313819807	\$61.80	30
1	1.30	0312820004	\$58.01	0313820003	\$80.93	10
1 1/4	1.89	0312820202	\$74.66	0313820201	\$139.46	12
1 1/2	2.37	0312820400	\$89.72	0313820409	\$146.82	12
2	3.91	0312820608	\$123.64	0313820607	\$172.45	7

MALLEABLE HEX BUSHING

Hex Bushing Fig. 383

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
3/4	1/8*	0.12	0318906567	\$12.00	0319906566	\$21.06	40
3/4	1/4*	0.14	0318906484	\$11.38	0319906483	\$20.50	25
3/4	3/8*	0.11	0318906401	\$11.70	0319906400	\$22.91	25
3/4	1/2*	0.09	0318906369 □	\$10.51	0319906368	\$17.55	25
1	1/8*	0.24	0318906922	\$17.07	0319906921	\$28.18	25
1	1/4	0.18	0318906849 □	\$14.73	0319906848	\$23.95	25
1	3/8	0.18	0318906765	\$15.15	0319906764	\$24.06	25
1	1/2	0.19	0318906682 □	\$11.20	0319906681	\$21.65	50
1	3/4	0.16	0318906641 □	\$11.06	0319906640 □	\$20.16	50
1 1/4	1/4	0.33	0318907284	\$21.19	0319907283	\$36.12	20
1 1/4	3/8	0.27	0318907201	\$17.74	0319907200	\$36.12	25
1 1/4	1/2	0.34	0318907128	\$16.40	0319907127	\$30.78	35
1 1/4	3/4	0.39	0318907045 □	\$14.43	0319907044	\$27.16	35
1 1/4	1	0.30	0318907003 □	\$14.43	0319907002	\$27.16	50
1 1/2	1 1/4	0.30	0318907409 □	\$18.31	0319907408	\$32.76	30
2	1 1/2	0.64	0318907680 □	\$23.06	0319907689	\$38.00	20
2 1/2	2	1.02	0318907961	\$35.53	0319907960	\$63.24	10

□ - Sold in box only, blk/galv

MALLEABLE FACE BUSHING

Face Bushing Fig. 385

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
3/4	3/8	0.08	0318911203	\$25.95	-	-	100
3/4	1/2	0.06	0318911161	\$24.81	0319911160	\$49.86	100
1	1/2	0.16	0318911328	\$24.61	0319911327	\$51.51	50
1	3/4	0.10	0318911302	\$30.56	0319911301	\$51.51	50
1 1/4	3/4	0.27	0318911526	\$25.37	-	-	30
1 1/4	1	0.19	0318911484	\$33.06	0319911483	\$63.78	35
1 1/2	3/4	0.39	0318911765	\$46.62	-	-	20
1 1/2	1	0.33	0318911724	\$40.37	-	-	25
1 1/2	1 1/4	0.16	0318911682	\$41.26	0319911681	\$91.39	50
2	1	0.65	0318911922	\$54.38	0319911921	\$117.97	25
2	1 1/4	0.53	0318911880	\$54.38	0319911889	\$117.97	25



Malleable Iron Fittings PF-MI

PriceList

Effective Date 01/04/21

Replaces Prior Date 09/02/2019

Sheet # PF.MI-1.21

Face Bushing Fig. 385

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
2	1 ½	0.40	0318911849	\$55.55	0319911848	\$120.38	30
2 ½	1 ¼	1.10	0318912128	\$58.98	-	-	15
2 ½	2	0.40	0318912045	\$78.59	0319912044	\$160.60	15
3	2 ½	0.99	0318912169	\$115.64	-	-	20

Numerical Index

Group1 Items

0310001003 □4	0310000807 □4	0310000609 □4	0310000401 □4	0310000203 □4
03100020014	0310001805 □4	0310001607 □4	0310001409 □4	0310001201 □4
03100030094	03100028034	03100026054	03100024074	0310002209 □4
03100074064	03100076044	03100070004	03100072084	03100068044
0310008602 □4	03100088004	0310007802 □4	03100080084	03100082064
03100100044	0310009006 □4	03100092044	03100094024	0310008404 □4
03100104005	03100106084	03100108064	03100096004	03100098084
03100114085	03100116065	03100110025	03100112005	03100102025
0310023403 □5	03100232055	03100230075	03100228015	03100120005
0310024401 □5	03100242035	0310024005 □5	0310023809 □5	0310023601 □5
03100256065	03100254085	03100252005	03100248075	03100246095
0310016407 □5	0310016209 □5	0310016001 □5	0310015805 □5	0310015607 □5
03100174056	0310017207 □6	0310017009 □6	0310016803 □6	0310016605 □5
03100192036	0310019005 □6	03100188096	03100178016	03100176036
03100204096	03100198076	03100200036	03100194016	03100196096
03100274046	03100272066	03100270086	03100268026	03100266046
0310029202 □7	03100282046	03100280066	03100278006	03100276026
0310030200 □7	0310030002 □7	0310029806 □7	0310029608 □7	0310029400 □7
03100312087	03100310007	0310030804 □7	0310030606 □7	0310030408 □7
03100360097	03100320087	03100318027	03100316047	03100314067
03100380057	03100362077	03100364057	03100366037	03100358037
03100370077	03100372057	03100374037	03100376017	03100378097
03100390037	03100392017	03100394097	03100422057	03100396077
0310038203 □8	03100384018	03100386098	03100387087	0310038807 □7
03100414058	0310041603 □8	03100418018	03100452088	03100420078
03100404078	03100406058	03100408038	03100410098	03100412078
03100486088	03100450008	0310039805 □8	0310040001 □8	03100402098
03100442018	03100444098	03100446078	03100448058	03100522048
03100432038	03100434018	03100436098	03100438078	03100440038
03100484008	0310042403 □8	0310042601 □8	0310042809 □8	03100430058
03100476008	03100478088	03100480048	03100482028	03100520068
03100466028	03100468008	03100470068	03100472048	03100474028
03100456048	0310045802 □8	03100460088	03100462068	03100464048
03100512068	03100514048	03100516028	03100518008	03100454068
03100502088	03100504068	03100506048	03100508028	03100510088
03100492008	03100494088	03100496068	03100498048	03100500008
03100538069	03100540029	03100542009	03100488068	03100490028
03100528089	03100530049	03100532029	03100534009	03100536089
03100560079	03100562059	03100564039	03100524029	03100526009
03100550099	03100552079	03100554059	03100556039	03100558019
03100571049	03100574019	03100544089	03100546069	03100548049
03100618099	03100616019	03100566019	03100568099	03100570059
03100628079	03100626099	03100624019	03100622039	03100620059
031006960410	031006940610	031006920810	031006420910	03100630039
031007060210	031007040410	031007020610	031007000810	031006980210
031006640210	031007160010	031007120410	031007100610	031007080010
031006740011	031006720211	031006700411	031006680810	031006660010
031007700311	031006820011	031006800211	031006780611	031006760811
031007800111	031007780511	031007760711	031007740911	031007720111
0310080403 □11	0310080205 □11	031008000711	0310079801 □11	031007960311
031008140111	0310081203 □11	0310081005 □11	0310080809 □11	0310080601 □11
0318900602 □12	0318900560 □12	0318900529 □12	031008180711	031008160911
031890084212	031890076812	0318900727 □12	0318900685 □12	0318900644 □12
0310084801 □12	031890116212	031890108912	031890100612	031890092512
0310085402 □12	0310085600 □12	031008580812	0310085006 □12	031008520412
031008740812	0310086004 □12	031008620212	031008640012	031008660812
0310087804 □12	031008800012	0310086806 □12	0310087002 □12	031008720012
0310088208 □12	0310088406 □12	031008860412	031008880212	0310087606 □12
0310089008 □13	031008920613	0310089404 □13	031008960213	031008980012
031009160813	031009000613	031009020413	031009040213	031009060013
031009220013	031009080813	031009100413	031009120213	031009140013
031009280413	031009300013	031009320813	031009180613	031009200213

Numerical Index

Group1 Items

0318913365.....	13	0310093604.....	13	0310093406.....	13	0310092408.....	13	0310092606.....	13
0318913563.....	13	0318913522.....	13	0318913480.....	13	0318913449.....	13	0318913407.....	13
0310105002.....	14	0300194800.....	14	0300194602.....	14	0318913647.....	13	0318913605.....	13
0310106000.....	14	0310105804.....	14	0310105606.....	14	0310105408.....	14	0310105200.....	14
0310095435.....	14	0310095427.....	14	0310095419.....	14	0310103205.....	14	0310103007.....	14
0310501002 □.....	15	0310500806 □.....	15	0310500608 □.....	14	0310500400.....	14	0310500202.....	14
0310502000.....	15	0310501804.....	15	0310501606 □.....	15	0310501408 □.....	15	0310501200.....	15
0310504808.....	15	0310504204.....	15	0310504006.....	15	0310503800.....	15	0310502406.....	15
0310505409.....	15	0310505607.....	15	0310505003.....	15	0310505201.....	15	0310504600.....	15
0310514005.....	15	0310513809.....	15	0310513601.....	15	0310505805.....	15	0310506001.....	15
0310510409.....	16	0310510201.....	16	0310514609.....	15	0310514401.....	15	0310514203.....	15
0310511407.....	16	0310511209.....	16	0310511001.....	16	0310510805.....	16	0310510607.....	16
0310507405.....	16	0310512207.....	16	0310512009.....	16	0310511803.....	16	0310511605.....	16
0310508403.....	16	0310508205.....	16	0310508007.....	16	0310507801.....	16	0310507603.....	16
0310515804.....	17	0310515606.....	17	0310509203.....	16	0310508809.....	16	0310508601.....	16
0310516802.....	17	0310516604.....	17	0310516406.....	17	0310516208.....	17	0310516000.....	17
0310519202.....	17	0310517800.....	17	0310517404.....	17	0310517206.....	17	0310517008.....	17
0310520606.....	17	0310520804.....	17	0310521000.....	17	0310519400.....	17	0310519608.....	17
0310522206.....	17	0310522404.....	17	0310520002.....	17	0310520200.....	17	0310520408.....	17
0310523808.....	17	0310521208.....	17	0310521406.....	17	0310521802.....	17	0310522008.....	17
0310524608.....	17	0310524806.....	17	0310522800.....	17	0310523006.....	17	0310523204.....	17
0310525803.....	18	0310526009.....	18	0310526207.....	18	0310524202.....	17	0310524400.....	17
0310526405.....	18	0310526603.....	18	0310525209.....	18	0310525407.....	18	0310525605.....	18
0310530209.....	18	0310530001.....	18	0310529805.....	18	0310529201.....	18	0310527205.....	18
0310538400.....	18	0310538202.....	18	0310538004.....	18	0310530605.....	18	0310530407.....	18
0310539606.....	18	0310539200.....	18	0310539002.....	18	0310538806.....	18	0310538608.....	18
0310541404.....	19	0310541602.....	19	0310541206.....	19	0310540000.....	18	0310539804.....	18
0310542808.....	19	0310543004.....	19	0310541800.....	19	0310542006.....	19	0310542204.....	19
0310543202.....	19	0310543400.....	19	0310543608.....	19	0310542402.....	19	0310542600.....	19
0310545405.....	19	0310543806.....	19	0310544002.....	19	0310544200.....	19	0310544408.....	19
0310545801.....	19	0310544606.....	19	0310544804.....	19	0310545009.....	19	0310545207.....	19
0310547005.....	19	0310546007.....	19	0310546205.....	19	0310546403.....	19	0310545603.....	19
0318901329.....	19	0318901303.....	19	0318901287.....	19	0318901261.....	19	0310546601.....	19
0318901410.....	20	0318901402.....	20	0318901386.....	20	0318901360.....	20	0318901345.....	19
0312703606.....	20	0312703408.....	20	0318904646.....	20	0318904562.....	20	0318901428.....	20
0312704604.....	20	0312704406.....	20	0312704208.....	20	0312704000.....	20	0312703804.....	20
0312822026.....	21	0312822000.....	20	0312705205.....	20	0312705007.....	20	0312704802.....	20
0312822125 □.....	21	0312822109.....	21	0312822083 □.....	21	0312822067 □.....	21	0312822042 □.....	21
0312822224.....	21	0312822208.....	21	0312822182 □.....	21	0312822166 □.....	21	0312822141 □.....	21
0312822406.....	21	0312822380.....	21	0312822364.....	21	0312822349.....	21	0312822307.....	21
0312822505.....	21	0312822489.....	21	0312822463.....	21	0312822448.....	21	0312822422.....	21
0312822687 □.....	21	0312822661.....	21	0312822646.....	21	0312822620.....	21	0312822604.....	21
0312822786.....	22	0312822760.....	22	0312822745.....	22	0312822729.....	22	0312822703 □.....	21
0312717408.....	22	0312717200.....	22	0312717002.....	22	0312822828.....	22	0312822802.....	22
0312104201.....	22	0312104169.....	22	0312104128.....	22	0312718000.....	22	0312717804.....	22
0312820004.....	23	0312819808.....	23	0312819600.....	23	0312819402.....	23	0312104243.....	22
0318906484.....	23	0318906567.....	23	0312820608.....	23	0312820400.....	23	0312820202.....	23
0318906765.....	23	0318906849 □.....	23	0318906922.....	23	0318906369 □.....	23	0318906401.....	23
0318907128.....	23	0318907201.....	23	0318907284.....	23	0318906641 □.....	23	0318906682 □.....	23
0318907961.....	23	0318907680 □.....	23	0318907409 □.....	23	0318907003 □.....	23	0318907045 □.....	23
0318911526.....	23	0318911302.....	23	0318911328.....	23	0318911161.....	23	0318911203.....	23
0318911922.....	23	0318911682.....	23	0318911724.....	23	0318911765.....	23	0318911484.....	23
0318912169.....	24	0318912045.....	24	0318912128.....	24	0318911849.....	24	0318911880.....	23

Group2 Items

0311001002 □.....	4	0311000806 □.....	4	0311000608.....	4	0311000400 □.....	4	0311000202.....	4
0311002000.....	4	0311001804 □.....	4	0311001606 □.....	4	0311001408 □.....	4	0311001200 □.....	4
0311003008.....	4	0311002802.....	4	0311002604.....	4	0311002406.....	4	0311002208.....	4
0311008205.....	4	0311007405.....	4	0311007603.....	4	0311007009.....	4	0311007207.....	4
0311008403 □.....	4	0311008601 □.....	4	0311008809.....	4	0311007801 □.....	4	0311008007.....	4
0311009807.....	4	0311010003.....	4	0311009005.....	4	0311009203.....	4	0311009401.....	4
0311010201.....	5	0311010409.....	5	0311010607.....	4	0311010805.....	4	0311009609.....	4

Numerical Index

Group2 Items

03110120095	03110114075	03110116055	03110110015	03110112095
03110236005	03110234025	03110232045	03110230065	03110228005
03110246085	0311024400 ▯5	03110242025	03110240045	0311023808 ▯5
03110156065	03110256055	03110254075	03110252095	03110248065
0311016604 ▯5	0311016406 ▯5	0311016208 ▯5	03110160005	0311015804 ▯5
03110176026	03110174046	03110172066	03110170086	03110168026
03110196086	03110192026	03110190046	03110188086	03110178006
03110266036	03110204086	03110198066	03110200026	03110194006
03110276016	03110274036	03110272056	03110270076	03110268016
0311029409 ▯7	03110292017	03110282036	03110280056	03110278096
03110304077	0311030209 ▯7	0311030001 ▯7	0311029805 ▯7	03110296077
03110314057	03110312077	03110310097	0311030803 ▯7	0311030605 ▯7
03110358027	03110360087	03110320077	03110318017	03110316037
03110380047	03110362067	03110364047	03110366027	03110368007
03110370067	03110372047	03110374027	03110376007	03110378087
03110388067	03110390027	03110394087	03110422047	03110396067
03110420068	03110382028	03110384008	03110386088	03110387077
03110412068	03110414048	03110416028	03110418008	03110452078
03110402088	03110404068	03110406048	03110408028	03110410088
03110522038	03110486078	03110450098	03110398048	03110400008
03110440028	03110442008	03110444088	03110446068	03110448048
03110430048	03110432028	03110434008	03110436088	03110438068
03110520058	03110484098	03110424028	03110426008	03110428088
03110474018	03110476098	03110478078	03110480038	03110482018
03110464038	03110466018	03110468098	03110470058	03110472038
03110454058	03110456038	03110458018	03110460078	03110462058
03110510078	03110512058	03110514038	03110516018	03110518098
03110500098	03110502078	03110504058	03110506038	03110508018
03110490018	03110492098	03110494078	03110496058	03110498038
03110536079	03110538059	03110540019	03110542099	03110488058
03110526099	03110528079	03110530039	03110532019	03110534099
03110558009	03110560069	03110562049	03110564029	03110524019
03110548039	03110550089	03110552069	03110554049	03110556029
03110570049	03110571039	03110574009	03110544079	03110546059
03110620049	03110618089	03110616009	03110566009	03110568089
03110630029	03110628069	03110626089	03110624009	03110622029
031106980110	031106960310	031106940510	031106920710	031106420810
031107080910	031107060110	031107040310	031107020510	031107000710
031106660910	031106640110	031107160910	031107120310	031107100510
031106760711	031106740911	031106720111	031106700311	031106680710
031107780411	031107740811	031106820911	031106800111	031106780511
0311080204 ▯11	031108000611	031107980011	031107960211	031107800011
031108120211	031108100411	031108080811	0311080600 ▯11	0311080402 ▯11
0319900569 ▯12	0319900528 ▯12	031108180611	031108160811	031108140011
031990076712	031990072612	031990068412	031990064312	0319900601 ▯12
031990116112	031990108812	031990100512	031990092412	031990084112
031108560912	031108580712	031108500512	031108520312	031108480012
0311086003 ▯12	031108620112	031108640912	031108660712	031108540112
031108800912	0311086805 ▯12	0311087001 ▯12	031108720912	031108740712
031108840512	031108860312	031108880112	031108760512	031108780312
031108920513	031108940313	031108960113	031108980912	031108820712
031109000513	031109020313	031109040113	031109060913	031108900713
031109080713	031109100313	031109120113	031109140913	031109160713
031109300913	031109320713	031109180513	031109200113	031109220913
031109360313	031109340513	031109240713	031109260513	031109280313
031991352113	031991348913	031991344813	031991340613	031991336413
030119480914	030119460114	031991364613	031991360413	031991356213
031110580314	031110560514	031110540714	031110520914	031110500114
031109543414	031109542614	031109541814	031110320414	031110600914
031150100115	031150080515	031150060714	031150040914	031150020114
031150200915	031150180315	031150160515	031150140715	031150120915
031151020016	031150580415	031150480715	031150420315	031150240515

Numerical Index

Group2 Items

0311511208.....	16	0311511000.....	16	0311510804.....	16	0311510606.....	16	0311510408.....	16
0311512206.....	16	0311512008.....	16	0311511802.....	16	0311511604.....	16	0311511406.....	16
0311508204.....	16	0311508006.....	16	0311507800.....	16	0311507602.....	16	0311507404.....	16
0311515803.....	17	0311515605.....	17	0311508808.....	16	0311508600.....	16	0311508402.....	16
0311516801.....	17	0311516603.....	17	0311516405.....	17	0311516207.....	17	0311516009.....	17
0311520001.....	17	0311517809.....	17	0311517403.....	17	0311517205.....	17	0311517007.....	17
0311522809.....	17	0311523005.....	17	0311523203.....	17	0311521207.....	17	0311521405.....	17
0311526008.....	18	0311524201.....	17	0311524409.....	17	0311524607.....	17	0311524805.....	17
0311527204.....	18	0311525208.....	18	0311525406.....	18	0311525604.....	18	0311525802.....	18
0311538607.....	18	0311538409.....	18	0311538201.....	18	0311538003.....	18	0311529804.....	18
0311539803.....	18	0311539605.....	18	0311539209.....	18	0311539001.....	18	0311538805.....	18
0311542005.....	19	0311541403.....	19	0311541601.....	19	0311541205.....	19	0311540009.....	18
0311542401.....	19	0311542609.....	19	0311542807.....	19	0311543003.....	19	0311541809.....	19
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				0319912044.....	24	0319911848.....	24	0319911889.....	23