



GROOVED FIRE PRODUCTS (CANADA)

Price Sheet SPF.GRFP-1.20C | Effective: January 6, 2020 | Cancels Price Sheet SPF.GRFP-4.18C of April 30, 2018

FREIGHT ALLOWANCE:

All prices quoted F.O.B. our Distribution Centre, Simcoe, Ontario; with full freight allowed on 1,000 lbs. or \$1,500 to recognized delivery points in Canada.

All shipments will be made from the nearest distribution centre via the least expensive mode, unless otherwise instructed. Whenever a buyer selects a more expensive method for shipment, or alternate distribution centre, the difference in transportation costs will be for the buyer's account.

NOTE:

- All orders are accepted on the basis of prices in effect at the time of shipment.
- On orders received for cartoned items in less than "carton (not container) quantities, "we reserve the right to adjust to the next carton quantity above the number of pieces shown on the order.

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 to arrange for prompt inspection of the damaged goods.

NATIONAL TOLL FREE HOTLINE

800-661-8998

www.anvilintl.com



GROOVED FIRE PRODUCTS *Price List*

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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:

Please refer to Anvil International's Canadian Return Material Policy (RMA) available on the website at www.anvilintl.com/CanadaRMA.

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 (for 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 quoted F.O.B. our Distribution Centre, Simcoe, Ontario; with full freight allowed on 1,000 lbs. or \$1,500 to recognized delivery points in Canada. All shipments will be made from the nearest distribution centre via the least expensive mode, unless otherwise instructed. Whenever a buyer selects a more expensive method for shipment, or alternate distribution centre, the difference in transportation costs will be for the buyer's account.

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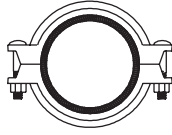


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Couplings / Flange Adapter

**FIG. C-1 (AMBIENT)
FLEXIBLE COUPLINGS**



Nominal Size (in)	Approx Weight EACH (lbs)	COUPLINGS COMPLETE								Box Quantity
		"A" GASKET				FLUSH "E" GASKET				
		Painted		Galvanized		Painted		Galvanized		
		ITEM#	Price Ea	ITEM#	Price Ea	ITEM#	Price Ea	ITEM#	Price Ea	
10	21.50	0890002884	\$257.58	0890008048	\$337.72	0890003007	POA	0890006760	POA	-
12	27.36	0890002892	\$314.82	0890008055	\$400.68	0890003015	POA	0890006778	POA	-

□ — Sold in box only

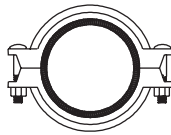
Standard Gasket



Flush Gasket



**FIG. C-3 (AMBIENT)
LW FLEXIBLE COUPLINGS**



Nominal Size (in)	Approx Weight EACH (lbs)	COUPLINGS COMPLETE											
		"A" Gasket						Flush "E" Gasket					
		Painted		Galvanized		Painted		Galvanized					
		ITEM#	Price Ea	Box Quantity	ITEM#	Price Ea	Box Quantity	ITEM#	Price Ea	Box Quantity	ITEM#	Price Ea	Box Quantity
1 ¼	1.25	0890012198	□ \$12.59	45	0890015605	\$17.17	45	0890011018	\$14.31	75	0890014459	\$17.17	75
1 ½	1.46	0890012206	□ \$13.74	45	0890015613	\$18.32	45	0890011026	\$14.88	60	0890014467	\$18.32	60
2	1.45	0890012214	□ \$16.03	42	0890015621	\$21.75	42	0890011034	\$17.17	50	0890014475	\$21.75	50
2 ½	1.98	0890012222	□ \$20.03	28	0890015639	\$26.33	28	0890011042	\$20.61	40	0890014483	\$25.19	40
3	2.58	0890012255	\$21.18	20	0890015662	\$28.62	20	0890011091	\$22.90	-	0890014491	\$28.62	-
4	4.14	0890012263	\$40.07	10	0890015670	\$54.95	10	0890011109	\$45.79	-	0890014517	\$57.24	-
6	7.00	0890012297	\$67.50	6	0890015688	\$91.58	6	0890011133	\$74.41	-	0890014541	\$91.58	-
8	13.00	0890012321	\$113.34	-	0890015761	\$172.80	-	0890011141	\$143.10	-	0890014558	\$171.72	-

□ — Sold in box only

Standard Gasket



Flush Gasket

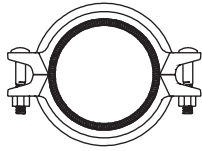




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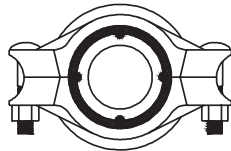
Couplings / Flange Adapter



**FIG. C-4 (AMBIENT)
RIGID COUPLINGS**

Nominal Size (in)	Approx Weight EACH (lbs)	COUPLINGS COMPLETE										Box Quantity
		"A" Gasket					Flush "E" Gasket					
		Painted		Galvanized			Painted		Galvanized			
ITEM#	Price Ea	ITEM#	Price Ea	ITEM#	Price Ea	ITEM#	Price Ea	ITEM#	Price Ea			
1 ¼	1.48	0890020357 □	\$14.31	0890023211	\$32.40	0890019185 □	\$17.17	0890023377	\$21.75	40		
1 ½	1.66	0890020365 □	\$16.03	0890023229	\$21.60	0890019193 □	\$18.32	0890023385	\$22.90	40		
2	1.83	0890020373 □	\$18.32	0890023237	\$27.00	0890019201 □	\$23.76	0890023393	\$25.76	30		
2 ½	2.04	0890020381 □	\$22.32	0890023245	\$33.20	0890019219 □	\$25.92	0890023401	\$28.62	28		
3	2.41	0890020415	\$24.04	0890023278	\$29.76	0890019243	\$27.00	0890023419	\$34.34	20		
4	3.17	0890020423	\$31.48	0890023286	\$40.07	0890019250	\$70.20	0890023427	\$45.79	10		
5	5.15	0890020431	\$51.52	0890023294	\$74.41	-	-	-	-	7		
6	5.84	0890020449	\$64.80	0890023310	\$97.31	0890019284	\$66.05	0890023443	\$97.31	6		
8	10.82	0890020472	\$113.40	0890023344	\$154.55	0890019318	\$120.20	0890023450	\$154.55	-		
10	21.50	0890020480	\$97.31	0890023351	\$257.58	-	-	-	-	-		
12	27.36	0890020498	\$257.58	0890023369	\$337.72	-	-	-	-	-		

□ — Sold in box only



**FIG. RC-2
REDUCING COUPLING**

Nominal Size (in)		Approx Weight EACH (lbs)	COUPLINGS COMPLETE WITH "E" GASKET						Box Quantity
Size 1	Size 2		Painted			Galvanized			
			ITEM#	Price Ea	ITEM#	Price Ea	ITEM#	Price Ea	
2	1 ½	2.90	0800130007 □	\$40.07	0800140006	\$51.52	24		
2 ½	2	3.41	0800130023 □	\$45.22	0800140022	\$70.20	18		
3	2	4.23	0800130049 □	\$51.52	0800140048	\$74.41	16		
3	2 ½	3.79	0800130056 □	\$57.24	0800140063	\$68.69	16		
4	2	7.07	0800130072 □	\$111.62	0800140105	\$124.20	8		
4	2 ½	6.98	0800130080 □	\$85.86	0800140121	\$124.20	8		
4	3	6.50	0800130106 □	\$80.14	0800140147	\$120.20	8		
5	4	11.40	0800130148	\$148.82	0800140188	\$200.34	-		
6	4	12.99	0800130189	\$200.34	0800140220	\$223.24	4		
8	6	17.77	0800130247	\$211.79	0800140303	\$303.37	-		

Note: Not recommended for Vacuum Service

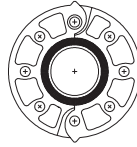
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Couplings / Flange Adapter

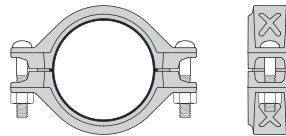


**FIG. F-3
GROOVED FLANGE ADAPTER**

Nominal Size (in)	Approx Weight EACH (lbs)	COMPLETE WITH EPDM GASKET					Box Quantity
		Painted			Galvanized		
		ITEM#		Price Ea	ITEM#	Price Ea	
2	3.20	0800170003	□	\$68.69	0800180002	\$85.86	12
2 ½	4.60	0800170029	□	\$74.41	0800180028	\$97.31	10
3	5.70	0800170045	□	\$85.86	0800180044	\$113.34	10
4	7.90	0800170060	□	\$86.40	0800180085	\$137.38	8
5	9.20	0800170102		\$131.65	0800180127	\$183.17	6
6	10.00	0800170144		\$143.10	0800180168	\$200.34	-
8	15.70	0800170185		\$452.20	0800180200	\$314.82	-
10	47.00	0800170235		\$297.00	0800180259	POA	-
12	69.00	0800170276		\$459.00	0800180291	POA	-

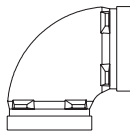
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SlideLOK® Coupling Fig. 74FP



Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ¼	1.95	1605012202	\$25.76	1605111902	\$30.34	22
1 ½	2.10	1605012204	\$28.34	1605111904	\$34.34	20
2	2.69	1605012206	\$31.48	1605111906	\$40.64	15
2 ½	2.87	1605012208	\$32.63	1605111908	\$40.64	15
3	3.58	1605012210	\$39.21	1605111910	\$54.38	12
4	4.55	1605012214	\$48.65	1605111914	\$65.83	10
5	5.66	1605012216	\$160.27	1605111916	\$183.17	8
6	6.37	1605012218	\$108.76	1605111918	\$131.65	6
8	13.20	1605012220	\$160.27	1605111920	\$194.62	1

Fittings for Grooved-End Pipe (Short Body)



**FIG. SE-1
90° ELBOW**

Nominal Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
2	1.50	0890112865	□ \$19.44	0890112923	\$27.00	32
2 ½	2.14	0890112873	□ \$28.08	0890112931	\$45.36	18
3	3.60	0890112881	\$48.60	0890112949	\$65.83	10
4	5.78	0890112899	\$64.80	0890112956	\$97.31	6
6	11.78	0890112907	\$156.60	0890112964	\$270.00	2
8	21.10	0890112915	\$334.80	0890112972	\$486.00	-

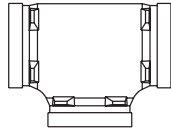
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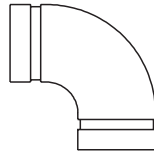


**FIG. ST-1
STRAIGHT TEE**

Nominal Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
2	2.90	0890117310	\$27.00	0890117377	\$35.64	18
2 ½	4.60	0890117328	\$41.04	0890117385	\$59.40	12
3	6.90	0890117336	\$59.40	0890117393	\$81.00	6
4	10.90	0890117344	\$95.04	0890117401	\$135.00	4
6	25.00	0890117351	\$221.40	0890117419	\$351.00	-
8	42.10	0890117369	\$432.00	0890117427	\$594.00	-

□ — Sold in box only

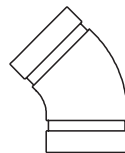
Fittings for Grooved-End Pipe



**FIG. E-1
90° ELBOW (DUCTILE IRON)**

Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ¼	0.85	0890031867	\$11.45	0890032535	\$16.20	60
1 ½	0.90	0890031875	\$13.17	0890032543	\$16.20	50
2	1.55	0890031883	\$20.61	0890032550	\$28.62	28
2 ½	2.90	0890031909	\$34.34	0890032568	\$48.08	15
3	4.22	0890031933	\$51.52	0890032592	\$85.86	9
4	6.67	0890031958	\$68.69	0890032600	\$97.31	4
5	11.94	0890031966	\$177.44	0890032618	\$246.13	2
6	17.50	0890031974	\$200.34	0890032634	\$314.82	2
8	32.20	0890032006	\$372.06	0890032659	\$658.26	-
10	54.11	0890032014	\$858.60	0890032667	\$1,087.56	-
12	70.00	0890032030	\$1,202.04	0890032683	\$1,545.48	-

□ — Sold in box only



**FIG. E-2
45° ELBOW (DUCTILE IRON)**

Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ¼	0.59	0890033186	\$8.01	0890033806	\$12.59	90
1 ½	0.78	0890033194	\$9.73	0890033814	\$16.03	60
2	1.02	0890033202	\$13.17	0890033822	\$21.75	36
2 ½	1.80	0890033210	\$20.03	0890033830	\$34.34	24
3	2.79	0890033236	\$37.21	0890033855	\$62.96	12
4	4.90	0890033244	\$57.24	0890033863	\$91.58	8
5	11.32	0890033251	\$125.93	0890033871	\$171.72	2
6	11.55	0890033269	\$143.10	0890033889	\$223.24	2
8	17.90	0890033285	\$270.00	0890033913	\$372.06	-
10	30.00	0890033293	\$534.60	0890033921	\$681.16	-
12	40.40	0890033301	\$783.00	0890033939	\$973.08	-

□ — Sold in box only

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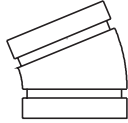


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Fittings for Grooved-End Pipe

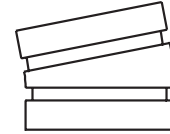
FIG. E-3*
22 1/2° ELBOW



Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized	
		ITEM#	Price Ea	ITEM#	Price Ea
1 1/4	0.80	0890034580	\$107.84	0890036353	POA
1 1/2	0.70	0890034598	\$107.84	0890036361	\$129.58
2	1.60	0890034606	\$107.84	0890036379	\$129.58
2 1/2	2.10	0890034614	\$107.84	0890036387	\$129.58
3	3.10	0890034622	\$125.52	0890036395	\$203.41
4	5.40	0890034630	\$168.06	0890036403	\$272.27
5	7.80	0890034648	POA	0890036411	POA
6	8.30	0890034655	\$475.66	0890036429	\$770.59
8	17.90	0890034663	\$995.89	0890036437	\$1,613.64
10	30.00	0890034671	\$856.69	0890036445	POA
12	40.40	0890034689	\$989.41	0890036452	POA

* Segmentally welded.

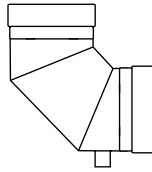
FIG. E-4*
11 1/4° ELBOW



Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized	
		ITEM#	Price Ea	ITEM#	Price Ea
1 1/4	0.50	0890037435	\$192.34	0890037617	POA
1 1/2	0.70	0890037443	POA	0890037625	POA
2	0.90	0890037450	\$192.34	0890037633	POA
2 1/2	1.50	0890037468	\$192.34	0890037641	POA
3	2.00	0890037476	POA	0890037658	POA
4	3.30	0890037484	\$299.89	0890038201	POA
5	5.00	0890037492	POA	0890038219	POA
6	6.50	0890037518	\$848.66	0890038235	POA
8	10.00	0890037526	POA	0890038243	POA
10	14.50	0890037542	POA	0890038227	POA
12	29.30	0890037559	POA	0890038250	POA

* Segmentally welded.

FIG. E-9
90° DRAIN ELBOW



Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized	
		ITEM#	Price Ea	ITEM#	Price Ea
1 1/4	1.87	0890039704	POA	0890040140	\$331.02
1 1/2	2.13	0890039696	POA	0890040157	\$331.02
2	2.76	0890039712	POA	0890040058	\$331.02
2 1/2	4.33	0890039720	\$192.49	0890040066	\$331.02
3	5.60	0890039738	\$257.64	0890040074	\$360.57
4	8.80	0890039746	\$267.54	0890040082	\$406.85
5	12.80	0890039811	POA	0890040090	\$581.09
6	18.77	0890039761	\$494.75	0890040108	\$639.44
8	32.64	0890039779	\$746.63	0890040116	\$965.34
10	48.50	0890039787	\$1,587.10	0890040124	\$2,267.40
12	66.00	0890040041	\$2,442.21	0890040132	\$3,488.86

List pricing above is for 1" pol (standard).
E-9 is also available in 3/4" and 1/2" at same list price as 1" pol.

FIG. K-9
DRAIN CAP



Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized	
		ITEM#	Price Ea	ITEM#	Price Ea
1 1/4	0.71	0890119498	\$261.98	0890119985	\$374.12
1 1/2	0.76	0890119506	\$261.98	0890119993	\$374.12
2	0.83	0890119514	\$261.98	0890120009	\$374.12
2 1/2	1.06	0890119621	\$261.98	0890120017	\$374.12
3	1.27	0890119639	\$307.13	0890120025	\$438.65
4	2.92	0890119647	\$322.92	0890120033	\$461.40
5	3.40	0890119670	\$470.83	0890120066	\$672.72
6	4.02	0890119654	\$525.77	0890120041	\$751.20
8	6.66	0890119662	\$622.66	0890120058	\$889.54

List pricing above is for 1" pol (standard).
K-9 is also available in 3/4" and 1/2" at same list price as 1" pol.

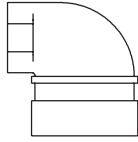


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**FIG. SE-5
REDUCING 90° ELBOW
GROOVE X THREAD**



Nominal Size (in)		Approx Weight EACH (lbs)	Painted			Box Quantity
Size 1	Size 2		ITEM#		Price Ea	
1 ¼	½	0.50	0890113913	☐	\$10.80	80
	¾	0.54	0890113921	☐	\$11.34	80
	1	0.60	0890113939	☐	\$15.12	80
1 ½	½	0.63	0890113947	☐	\$13.50	80
	¾	0.70	0890113954	☐	\$15.12	80
	1	0.80	0890113962	☐	\$17.28	80
2	½	0.84	0890113970	☐	\$18.36	50
	¾	0.93	0890113988	☐	\$20.52	50
	1	1.04	0890113996	☐	\$22.68	50
2 ½	½	1.18	0890114002	☐	\$29.16	36
	¾	1.30	0890114010	☐	\$31.32	36
	1	1.50	0890114028	☐	\$36.72	36
3	¾	2.20	0890114051	☐	\$47.52	24
	1	2.50	0890114077	☐	\$49.68	24

☐ — Sold in box only

**FIG. SK-1
CAP**



Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted			Galvanized			
		ITEM#		Price Ea	Box Quantity	ITEM#	Price Ea	Box Quantity
1 ¼	0.31	0890118425		\$5.35	180	0890118532	\$6.30	250
1 ½	0.39	0890118433	☐	\$8.59	150	0890118540	\$7.44	150
2	0.54	0890118441	☐	\$7.51	100	0890118557	\$10.26	140
2 ½	0.75	0890118458	☐	\$11.45	70	0890118565	\$15.45	70
3	1.23	0890118466	☐	\$17.17	45	0890118573	\$22.90	45
4	1.96	0890118474	☐	\$30.24	25	0890118581	\$42.93	25
5	5.52	0890118490		\$118.80	-	0890118599	\$131.17	-
6	4.58	0890118482	☐	\$68.69	12	0890118615	\$91.58	15
8	6.00	0890118524		\$131.65	6	0890118623	\$171.72	6
10 *	21.00	0890051535		\$337.72	-	0890051774	\$400.68	-
12 *	35.50	0890051543		\$515.16	-	0890051782	\$681.16	-

* Sizes 10" and 12" are FIG. K-1 Design

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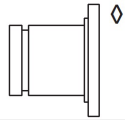


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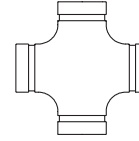
FIG. F-2*
FLANGE NIPPLE ANSI 150



Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized	
		ITEM#	Price Ea	ITEM#	Price Ea
2	6.20	0890088982	POA	0890089162	POA
2 ½	9.90	0890088990	POA	0890089170	POA
3	11.00	0890089006	POA	0890089188	POA
4	47.00	0890089071	POA	0890089212	POA
5	40.00	0890089089	POA	0890089220	POA
6	50.00	0890089097	POA	0890089238	POA
8	60.00	0890089105	POA	0890089246	POA
10	60.00	0890089113	POA	0890089253	POA
12	91.00	0890089121	POA	0890089261	POA

* Segmentally welded.
◊ Flange portion is 150# steel.
Larger sizes available upon request.

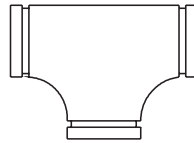
FIG. X-1*
STEEL CROSS



Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted		Galvanized	
		ITEM#	Price Ea	ITEM#	Price Ea
1 ¼	2.00	0890050149	POA	0890050339	POA
1 ½	2.20	0890050164	POA	0890050347	POA
2	2.80	0890050172	POA	0890050362	POA
2 ½	3.30	0890050180	POA	0890050370	POA
3	4.50	0890050198	POA	0890050388	POA
4	6.60	0890050206	POA	0890050396	POA
5	9.30	0890050214	POA	0890050404	POA
6	14.50	0890050230	POA	0890050420	POA
8	28.50	0890050248	POA	0890050438	POA
10	40.50	0890050255	POA	0890050446	POA
12	57.00	0890050263	POA	0890050453	POA

* Segmentally welded steel.

FIG. T-1
STRAIGHT TEE (DUCTILE IRON)



Nominal Pipe Size (in)	Approx Weight EACH (lbs)	Painted			Galvanized			
		ITEM#	Price Ea	Box Quantity	ITEM#	Price Ea	Box Quantity	
1 ¼	1.40	0890039837	□	\$17.17	40	0890041098	\$25.19	56
1 ½	1.46	0890039845	□	\$18.32	35	0890041106	\$28.62	35
2	2.18	0890039852	□	\$40.07	18	0890041114	\$45.79	18
2 ½	3.30	0890039860	□	\$54.38	9	0890041122	\$74.41	9
3	6.41	0890039886		\$74.41	5	0890041155	\$120.20	5
4	9.92	0890039894		\$131.65	2	0890041163	\$200.34	2
5	17.93	0890039902		\$297.00	-	0890041171	\$372.06	-
6	25.70	0890039910		\$372.06	-	0890041189	\$475.09	-
8	42.10	0890039944		\$658.26	-	0890041213	\$910.12	-
10	72.73	0890039951		\$1,139.08	-	0890041221	\$1,545.48	-
12	91.00	0890039969		\$1,659.96	-	0890041239	\$2,232.36	-

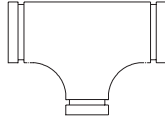
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**FIG. T-2
REDUCING TEE**

Nominal Size (in)		Approx Weight EACH (lbs)	Painted		Galvanized	
Size 1	Size 2		ITEM#	Price Ea	ITEM#	Price Ea
2 × 2	1*	2.60	0890042336	POA	0890043623	POA
	1 ¼	3.00	0890042385	POA	0890043631	POA
	1 ½	3.00	0890042393	POA	0890043649	POA
2 ½ × 2 ½	1	4.40	0890042419	POA	0890043656	POA
	1 ¼	4.40	0890042427	POA	0890043664	POA
	1 ½	4.40	0890042435	POA	0890043755	POA
	2*	4.40	0890042450	POA	0890043763	POA
3 × 3	1	6.05	0890042468	POA	0890043771	POA
	1 ¼	6.05	0890042476	POA	0890043813	POA
	1 ½	6.05	0890042484	POA	0890043789	POA
	2	6.05	0890042500	POA	0890043797	POA
	2 ½*	6.05	0890042518	POA	0890043805	POA
4 × 4	1	10.98	0890042526	POA	0890043821	POA
	1 ¼	10.98	0890042534	POA	0890043862	POA
	1 ½	10.98	0890042559	POA	0890043870	POA
	2	10.98	0890042567	POA	0890043839	POA
	2 ½*	12.28	0890042575	POA	0890043847	POA
	3*	11.99	0890042583	POA	0890043854	POA
5 × 5	1	13.95	0890042591	POA	0890043888	POA
	1 ¼	13.95	0890042617	POA	0890044589	POA
	1 ½	13.95	0890042609	POA	0890043896	POA
	2	13.95	0890042716	POA	0890043912	POA
	2 ½	13.95	0890042724	POA	0890044563	POA
	3	13.95	0890042732	POA	0890043904	POA
	4	13.95	0890042740	POA	0890043920	POA
6 × 6	1	25.25	0890042757	POA	0890043938	POA
	1 ¼	25.25	0890042765	POA	0890044597	POA
	1 ½	25.25	0890042781	POA	0890043953	POA
	2*	23.54	0890042807	POA	0890043946	POA
	2 ½*	22.79	0890042864	POA	0890043995	POA
	3*	24.95	0890042872	POA	0890043961	POA
	4*	24.20	0890042880	POA	0890043979	POA
	5*	25.39	0890042898	POA	0890043987	POA
8 × 8	1 ½	42.16	0890042914	POA	0890044001	POA
	2	42.16	0890042922	POA	0890044019	POA
	2 ½	42.16	0890042948	POA	0890044027	POA
	3	42.16	0890042930	POA	0890044035	POA
	4*	41.54	0890043011	POA	0890044043	POA
	5	24.80	0890043029	POA	0890044050	POA
	6*	39.51	0890043045	POA	0890044068	POA
10 × 10	2	69.25	0890043060	POA	0890044084	POA
	2 ½	69.25	0890043078	POA	0890044092	POA
	3	69.25	0890043086	POA	0890044100	POA
	4	69.25	0890043094	POA	0890044118	POA
	5	69.25	0890043102	POA	0890044126	POA
	6	69.25	0890043276	POA	0890044142	POA
	8	69.25	0890043284	POA	0890044134	POA



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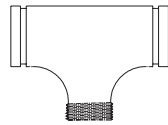
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**FIG. T-2
REDUCING TEE (Continued)**

Nominal Size (in)		Approx Weight EACH (lbs)	Painted		Galvanized	
Size 1	Size 2		ITEM#	Price Ea	ITEM#	Price Ea
12 × 12	3	100.00	0890043326	POA	0890044183	POA
	4	101.60	0890043334	POA	0890044191	POA
	5	100.00	0890043342	POA	0890044233	POA
	6	100.00	0890043359	POA	0890044209	POA
	8	100.00	0890043375	POA	0890044217	POA
	10*	101.60	0890043383	POA	0890044225	POA

* Ductile iron, all others segmentally welded.



**FIG. T-3 REDUCING TEE
W/ THREADED BRANCH**

Nominal Size (in)		Approx Weight EACH (lbs)	Painted		Galvanized	
Size 1	Size 2		ITEM#	Price Ea	ITEM#	Price Ea
2 × 2	¾ *	2.68	0890047483	POA	0890048200	POA
	1 *	3.00	0890047491	POA	0890048218	POA
	1 ¼	3.00	0890047400	POA	0890048226	POA
	1 ½	3.00	0890047418	POA	0890048234	POA
2 ½ × 2 ½	1	4.40	0890047517	POA	0890048309	POA
	1 ¼	4.40	0890047525	POA	0890048317	POA
	1 ½	4.40	0890047533	POA	0890048325	POA
	2	4.40	0890047541	POA	0890048390	POA
3 × 3	1 *	6.47	0890047566	POA	0890048408	POA
	1 ¼	6.05	0890047574	POA	0890048416	POA
	1 ½ *	6.27	0890047582	POA	0890048457	POA
	2	6.05	0890047590	POA	0890048465	POA
4 × 4	2 ½	6.05	0890047608	POA	0890048481	POA
	1 *	10.47	0890047616	POA	0890048499	POA
	1 ¼	10.98	0890047624	POA	0890048507	POA
	1 ½	10.98	0890047632	POA	0890048515	POA
	2	10.98	0890047657	POA	0890048572	POA
	2 ½	10.98	0890047665	POA	0890048580	POA
5 × 5	3	10.98	0890047673	POA	0890048606	POA
	1	13.95	0890047681	POA	0890048614	POA
	1 ¼	13.95	0890047699	POA	0890048754	POA
	2	13.95	0890047715	POA	0890048630	POA
	2 ½	32.95	0890047723	POA	0890048648	POA
	3	13.95	0890047731	POA	0890048655	POA
6 × 6	4	13.95	0890047764	POA	0890048663	POA
	1	25.25	0890047749	POA	0890048671	POA
	1 ¼	25.25	0890047772	POA	0890048762	POA
	1 ½	25.25	0890047756	POA	0890048697	POA
	2	25.25	0890047780	POA	0890048689	POA
	2 ½	26.50	0890047798	POA	0890048747	POA
	3	25.25	0890047806	POA	0890048705	POA
4	25.25	0890047822	POA	0890048713	POA	
	5	25.25	0890047830	POA	0890048721	POA



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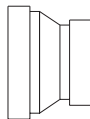
Fittings for Grooved-End Pipe

FIG. T-3 REDUCING TEE W/ THREADED BRANCH (Continued)

Nominal Size (in)		Approx Weight EACH (lbs)	Painted		Galvanized	
Size 1	Size 2		ITEM#	Price Ea	ITEM#	Price Ea
8 × 8	1 ½	42.16	0890047855	POA	0890048739	POA
	2	42.16	0890047863	POA	0890048804	POA
	2 ½	42.16	0890047871	POA	0890048812	POA
	3	42.16	0890047889	POA	0890048820	POA
	4	42.16	0890047897	POA	0890048838	POA
	5	42.16	0890047905	POA	0890048846	POA
	6	42.16	0890047913	POA	0890048853	POA
10 × 10	1 ½	69.25	0890047921	POA	0890048861	POA
	2	69.25	0890047939	POA	0890048879	POA
	2 ½	69.25	0890047947	POA	0890048887	POA
	3	69.25	0890047954	POA	0890048895	POA
	4	69.25	0890047962	POA	0890048903	POA
	5	69.25	0890047970	POA	0890048911	POA
	6	69.25	0890047988	POA	0890048929	POA
12 × 12	2	100.00	0890048010	POA	0890048952	POA
	2 ½	100.00	0890048028	POA	0890048960	POA
	3	100.00	0890048036	POA	0890048978	POA
	4	100.00	0890048044	POA	0890048986	POA
	5	100.00	0890048051	POA	0890048994	POA
	6	100.00	0890048069	POA	0890049000	POA
	8	100.00	0890048077	POA	0890049018	POA
	10	100.00	0890048085	POA	0890049026	POA

* Ductile iron, all others segmentally welded.

**FIG. R-1
CONCENTRIC REDUCER**



Nominal Size (in)		Approx Weight EACH (lbs)	Painted		Galvanized	
Size 1	Size 2		ITEM#	Price Ea	ITEM#	Price Ea
1 ¼	1	0.85	0890054034	POA	0890055551	POA
1 ½	1	0.73	0890054042	\$42.14	0890055569	POA
	1 ¼	0.95	0890054059	\$42.14	0890055577	POA
2	1*	0.80	0890054067	\$20.03	0890055593	\$139.28
	1 ¼*	1.00	0890054075	\$20.03	0890055601	\$27.00
	1 ½*	1.00	0890054083	\$20.03	0890055619	\$27.00
2 ½	1	1.50	0890054091	\$42.14	0890055627	POA
	1 ¼	1.50	0890054117	\$42.14	0890055635	POA
	1 ½	1.50	0890054125	\$42.14	0890055742	POA
	2*	1.91	0890054133	\$22.90	0890055759	\$30.89
3	1	2.35	0890054141	\$60.26	0890055775	POA
	1 ¼	2.35	0890054158	\$60.26	0890055783	POA
	1 ½	2.35	0890054166	\$60.26	0890055809	POA
	2*	2.35	0890054174	\$31.48	0890055817	\$42.55
	2 ½*	2.35	0890054182	\$31.48	0890055825	\$42.55



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FIG. R-1
CONCENTRIC REDUCER (Continued)

Nominal Size (in)		Approx Weight EACH (lbs)	Painted		Galvanized	
Size 1	Size 2		ITEM#	Price Ea	ITEM#	Price Ea
4	1	3.21	0890054190	\$60.26	0890055833	POA
	1 ¼	3.21	0890054208	\$60.26	0890055841	POA
	1 ½ *	3.21	0890054216	\$60.26	0890055858	POA
	2*	2.51	0890054224	\$48.08	0890055866	\$64.91
	2 ½	3.21	0890054232	\$48.08	0890056013	\$64.91
	3*	2.55	0890054240	\$49.23	0890056021	\$66.42
	3 ½	4.84	0890054257	\$60.26	0890055882	POA
5	1	4.84	0890054273	POA	0890056039	\$303.16
	1 ¼	4.84	0890054299	POA	0890056120	\$303.16
	1 ½	4.84	0890054281	POA	0890056047	\$303.16
	2	4.84	0890054356	\$159.36	0890056054	POA
	2 ½	4.84	0890054364	\$159.36	0890056062	POA
	3	4.84	0890054372	\$159.36	0890056070	POA
	4	4.84	0890054380	\$74.41	0890056088	\$303.16
6	1	7.50	0890054398	POA	0890056096	POA
	1 ½	7.50	0890054406	POA	0890056104	POA
	2*	6.34	0890054471	\$91.80	0890056112	\$400.44
	2 ½ *	5.10	0890054489	\$165.59	0890056351	POA
	3*	7.50	0890054497	\$91.80	0890056369	\$123.98
	4*	7.50	0890054505	\$103.03	0890056385	\$139.10
	5	7.50	0890054513	\$108.76	0890056393	\$146.77
8	1 ½	9.07	0890054521	POA	0890056401	POA
	2	9.07	0890054539	POA	0890056419	POA
	2 ½	9.07	0890054620	\$296.18	0890056427	\$724.66
	3*	9.15	0890054638	\$296.18	0890056435	POA
	4*	9.07	0890054646	\$171.72	0890056567	\$231.88
	5	9.07	0890054653	\$296.18	0890056575	POA
	6*	9.07	0890054661	\$171.72	0890056591	\$231.88
10	1 ½	16.38	0890054679	POA	0890056609	POA
	2	16.38	0890054687	POA	0890056617	POA
	2 ½	16.38	0890054695	POA	0890056625	POA
	3	16.38	0890054703	POA	0890056633	POA
	4	16.38	0890054810	\$611.52	0890056641	POA
	5	16.38	0890054828	POA	0890056658	POA
	6	16.38	0890054836	\$611.52	0890056807	\$1,862.97
	8*	23.10	0890054844	\$611.52	0890056815	POA
12	1	19.00	0890054851	POA	0890056823	POA
	2	19.00	0890054869	POA	0890056831	POA
	2 ½	19.00	0890054877	POA	0890056849	POA
	3	19.00	0890054885	POA	0890056856	POA
	4	19.00	0890054893	\$752.07	0890056864	POA
	5	19.00	0890054901	\$752.07	0890056872	\$3,159.19
	6	19.00	0890055049	\$752.07	0890057086	POA
	8	19.00	0890055056	\$752.07	0890057094	POA
	10	19.00	0890055064	\$752.07	0890057102	POA

* Ductile iron
Segmentally welded through 4 x 3 unless *Ductile Iron.
Forged Steel 5 x 1 and larger unless *Ductile Iron.

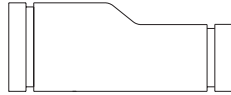


GROOVED FIRE PRODUCTS *Price List*

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Fittings for Grooved-End Pipe

**FIG. R-2
ECCENTRIC REDUCER**



Nominal Size (in)		Approx Weight EACH (lbs)	Painted		Galvanized	
Size 1	Size 2		ITEM#	Price Ea	ITEM#	Price Ea
1 ¼	1	1.25	0890061906	POA	0890063761	POA
1 ½	1	1.30	0890061914	POA	0890063779	POA
	1 ¼	1.30	0890061922	POA	0890063787	POA
2	1	1.40	0890061930	POA	0890063795	POA
	1 ¼	1.00	0890061955	POA	0890063811	POA
	1 ½	1.00	0890061963	POA	0890063837	POA
2 ½	1	1.50	0890061997	POA	0890063845	\$1,418.85
	1 ¼	1.50	0890061971	POA	0890063852	POA
	1 ½	1.50	0890061989	POA	0890063860	POA
	2	1.50	0890062011	POA	0890063829	POA
3	1	2.35	0890062029	POA	0890063886	POA
	1 ¼	2.35	0890062045	POA	0890063894	POA
	1 ½	2.35	0890062052	POA	0890063910	POA
	2	2.35	0890062060	POA	0890063878	POA
	2 ½ *	2.35	0890062078	POA	0890063928	POA
4	1	3.00	0890062086	POA	0890063936	POA
	1 ¼	3.21	0890062094	POA	0890063944	\$2,904.57
	1 ½	3.21	0890062169	POA	0890063902	POA
	2	3.21	0890062177	POA	0890063969	POA
	2 ½	3.21	0890062185	POA	0890063977	POA
	3*	3.21	0890062193	\$812.68	0890063951	POA
	1	4.84	0890062219	POA	0890063985	POA
5	1 ½	4.84	0890062227	POA	0890063993	POA
	2	4.84	0890062334	POA	0890064025	POA
	2 ½	4.84	0890062342	\$1,665.24	0890064033	POA
	3	4.84	0890062359	POA	0890064041	POA
	4	4.84	0890062375	POA	0890064058	POA
6	1	6.00	0890062383	POA	0890064066	POA
	1 ½	7.50	0890062391	POA	0890064074	POA
	2	7.50	0890062409	POA	0890064082	POA
	2 ½	7.50	0890062524	POA	0890064090	POA
	3	7.50	0890062532	POA	0890064009	POA
	4*	7.50	0890062557	POA	0890064017	POA
	5	7.50	0890062565	POA	0890064116	POA
8	1 ½	9.07	0890062573	POA	0890064124	POA
	2	9.07	0890062581	POA	0890064132	POA
	2 ½	9.07	0890062599	POA	0890064140	POA
	3	9.07	0890062607	POA	0890064157	POA
	4	9.07	0890062755	POA	0890064165	POA
	5	9.07	0890062763	POA	0890064173	POA
10	6	9.07	0890062771	POA	0890064108	POA
	1 ½	16.38	0890062789	POA	0890064181	POA
	2	16.38	0890062797	POA	0890064199	POA
	2 ½	16.38	0890062805	POA	0890064207	POA
	3	16.38	0890062813	POA	0890064215	POA
	4	16.38	0890062821	POA	0890064223	POA
	5	16.38	0890062839	POA	0890064231	POA
6	16.38	0890062847	POA	0890064322	POA	
	8	16.38	0890063019	POA	0890064330	POA



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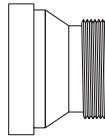
Fittings for Grooved-End Pipe

**FIG. R-2
ECCENTRIC REDUCER (Continued)**

Nominal Size (in)		Approx Weight EACH (lbs)	Painted		Galvanized	
Size 1	Size 2		ITEM#	Price Ea	ITEM#	Price Ea
12	1	19.00	0890063027	POA	0890064348	POA
	2	19.00	0890063035	POA	0890064355	POA
	2 ½	19.00	0890063043	POA	0890064363	POA
	3	19.00	0890063050	POA	0890064371	POA
	4	19.00	0890063068	\$5,653.68	0890064389	\$7,537.96
	5	19.00	0890063076	\$4,673.64	0890064397	\$6,256.63
	6	19.00	0890063225	POA	0890064405	POA
	8	19.00	0890063233	POA	0890064413	POA
	10	19.00	0890063241	POA	0890064421	POA

* Ductile iron, all others segmentally welded.

**FIG. R-3
CONCENTRIC REDUCER
GROOVE X THREAD**



Nominal Size (in)		Approx Weight EACH (lbs)	Painted		Galvanized	
Size 1	Size 2		ITEM#	Price Ea	ITEM#	Price Ea
1 ¼	1	0.95	0890059298	\$115.93	0890060239	\$136.91
1 ½	1	0.95	0890059306	POA	0890060247	POA
	1 ¼	0.95	0890059314	\$115.93	0890060312	\$136.91
2	1*	1.00	0890059330	\$135.63	0890060254	POA
	1 ¼*	1.00	0890059348	POA	0890060262	POA
	1 ½*	0.79	0890059363	\$135.63	0890060270	POA
2 ½	1	1.50	0890059371	POA	0890060288	POA
	1 ¼	1.50	0890059389	POA	0890060296	POA
	1 ½	1.50	0890059397	POA	0890060304	POA
	2	1.50	0890059405	POA	0890060320	POA
3	1*	2.35	0890059421	POA	0890060338	POA
	1 ¼	2.35	0890059439	POA	0890060353	POA
	1 ½	2.35	0890059447	POA	0890060346	POA
	2*	2.35	0890059462	POA	0890060361	POA
	2 ½	2.35	0890059496	POA	0890060379	POA
4	1*	3.21	0890059553	POA	0890060486	POA
	1 ¼	3.21	0890059603	\$165.08	0890060502	POA
	1 ½	3.21	0890059579	POA	0890060494	POA
	2	3.21	0890059587	POA	0890060510	POA
	2 ½	3.21	0890059595	POA	0890060528	POA
5	3	3.21	0890059611	POA	0890060536	POA
6	4	4.84	0890059678	POA	0890060544	\$1,289.75
	1	6.00	0890059694	POA	0890060551	POA
	1 ¼	6.00	0890059736	POA	0890060569	\$1,007.56
	1 ½	6.00	0890059744	POA	0890060577	\$1,007.56
	2	7.50	0890059702	POA	0890060650	\$1,007.56
	3	7.50	0890059710	POA	0890060668	POA
	4*	7.50	0890059728	POA	0890060676	POA

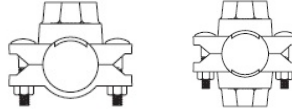


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Mechanical Branch Tees

**FIG. MT-1
THREADED MECHANICAL BRANCH TEE*****

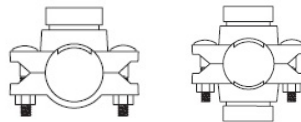


Nominal Size (in)		Approx Weight EACH (lbs)	Painted			Galvanized		Box Quantity
Size 1	Size 2		ITEM#		Price Ea	ITEM#	Price Ea	
2	1	1.70	0890071020	□	\$31.86	0890071236	\$40.07	22
	1 ¼	1.70	0890071038	□	\$34.34	0890071244	\$45.79	22
	1 ½	1.70	0890071046	□	\$45.79	0890071269	\$45.79	22
2 ½	1	3.60	0890071053	□	\$48.65	0890071277	\$62.96	16
	1 ¼	3.60	0890071061	□	\$62.96	0890071285	\$68.69	16
	1 ½	3.60	0890071079	□	\$62.96	0890071293	\$68.69	16
3	1	3.80	0890071087	□	\$51.52	0890071301	\$74.41	10
	1 ¼	3.30	0890071095	□	\$54.38	0890071319	\$74.41	10
	1 ½	3.80	0890071103	□	\$57.24	0890071335	\$74.41	10
	2	4.40	0890071111	□	\$54.38	0890071343	\$80.14	10
4	1	4.60	0890071129	□	\$63.72	0890071350	\$91.58	7
	1 ¼	4.60	0890071137	□	\$65.83	0890071368	\$91.58	7
	1 ½	4.60	0890071145	□	\$65.83	0890071376	\$91.58	7
	2	4.80	0890071152	□	\$77.27	0890071384	\$97.31	6
	2 ½	5.40	0890071160	□	\$77.27	0890071392	\$103.03	6
5	1 ½	7.40	0890071178	□	\$97.31	0890071400	\$120.20	4
	2	7.90	0890071186	□	\$103.03	0890071418	\$131.65	4
	2 ½	7.90	0890071194	□	\$103.03	0890071426	\$131.65	4
6	1 ½	7.50	0890071202	□	\$106.92	0890071517	\$131.65	4
	2	8.00	0890071210	□	\$108.76	0890071525	\$137.38	4
	2 ½	8.00	0890071228	□	\$108.76	0890071541	\$148.82	3

*** All MT-1 branches can be used as mechanical crosses, increase price of largest outlet by 50%.

□ — Sold in box only

**FIG. MT-2
GROOVED MECHANICAL BRANCH TEE*****



Nominal Size (in)		Approx Weight EACH (lbs)	Painted			Galvanized		Box Quantity
Size 1	Size 2		ITEM#		Price Ea	ITEM#	Price Ea	
2	1 ¼	3.80	0890072242	□	\$45.36	-	-	10
	1 ½	3.80	0890072259		\$45.36	-	-	10
2 ½	1 ¼	4.40	0890072978	□	\$50.76	-	-	10
	1 ½	4.40	0890072986		\$55.08	-	-	10
3	1 ¼	4.60	0890073018	□	\$58.32	-	-	7
	1 ½	3.80	0890073075	□	\$57.24	0890073471	\$74.41	10
	2	4.40	0890073042	□	\$57.24	0890073489	\$74.41	10
4	1 ¼	4.60	0890073109		\$60.48	-	-	7
	1 ½	4.60	0890073059	□	\$60.10	0890073497	\$85.86	7
	2	4.80	0890073067	□	\$62.96	0890073505	\$91.58	7
	2 ½	5.40	0890073083	□	\$68.69	0890073513	\$91.58	6
	3	7.60	0890073117	□	\$103.03	0890073521	\$103.03	6
5	2	7.90	0890073125	□	\$102.60	0890073539	\$131.65	4
	2 ½	7.90	0890073133	□	\$105.84	0890073547	\$137.38	4
6	1 ½	8.00	0890073166	□	\$106.92	0890073737	\$135.00	4
	2	8.00	0890073174	□	\$103.03	0890073752	\$135.00	4
	2 ½	8.00	0890073182	□	\$108.76	0890073760	\$135.00	4
	3	9.70	0890073216	□	\$114.48	0890073778	\$154.55	3
	4	13.60	0890073224	□	\$131.65	0890073851	\$171.72	3

*** All MT-2 branches can be used as mechanical crosses, increase price of largest outlet by 50%.

□ — Sold in box only

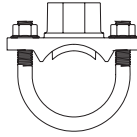
Revised: _____



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Mechanical Branch Tees



**FIG. MT-30
THREADED MECHANICAL BRANCH TEE**

Nominal Size (in)		Approx Weight EACH (lbs)		COMPLETE		Box Quantity
Size 1	Size 2			Plated		
				ITEM#	Price Ea	
1 ¼	½	0.83	□	0890123151	\$19.46	50
	¾	0.87	□	0890123169	\$19.46	50
	1	1.06	□	0890123177	\$19.46	50
1 ½	½	0.64	□	0890123185	\$20.61	50
	¾	0.93	□	0890123193	\$20.61	50
	1	0.96	□	0890123201	\$20.61	50
2	½	0.84	□	0890123219	\$21.18	45
	¾	0.95	□	0890123227	\$21.18	45
	1	1.05	□	0890123235	\$21.18	45
2 ½	½	0.89	□	0890123243	\$21.18	40
	¾	0.95	□	0890123250	\$21.18	40
	1	1.12	□	0890123268	\$21.18	40

Note: BSPT equivalent is available as MT-90.
□ — Sold in box only

Spare Parts / Lubricants

Plated Trackhead Bolts and Nuts for Couplings

Size 1 (in)	Size 2 (in)	ITEM#	Price Ea
⅜	2	0890807209	POA
⅜	2 ¼	0890806664	POA
⅜	2 ½	0890806672	POA
½	2 ¾	0890807225	POA
½	3	0890807233	POA
½	3 ¼	0890807241	POA
½	3 ½	0890807357	POA
⅝	2 ¾	0890807365	POA
⅝	3 ¼	0890807258	POA
⅝	3 ½	0890807266	POA
⅝	4	0890806680	POA
⅝	4 ¼	0890807373	POA
¾	4 ¼	0890807274	POA
¾	4 ½	0890807381	POA
⅞	5	0890807282	POA
⅞	5 ½	0890807290	POA

C-1, C-3, C-4 & F-3 Gaskets

Nominal Size (in)	E Type A Gasket		C-1, C-3, C-4 Flush Gap Gasket		F-3 "E" Gasket	
	ITEM#	Price Ea	ITEM#	Price Ea	ITEM#	Price Ea
1 ¼	0890800766	POA	-	-	-	-
1 ½	0890800808	POA	0890800071	POA	-	-
2	0890800840	POA	0890800113	POA	0890800451	POA
2 ½	0890800857	POA	0890800147	POA	0890800469	POA
3	0890800865	POA	0890800170	POA	0890800477	POA
4	0890800873	POA	0890800212	POA	0890800485	POA
5	0890800881	POA	0890800832	POA	-	-
6	0890800899	POA	0890800261	POA	0890800493	POA
8	0890800907	POA	0890800295	POA	0890800501	POA
10	0890800915	POA	-	-	0890800519	POA
12	0890800980	POA	-	-	0890800527	POA



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Spare Parts / Lubricants

RC-2 Gaskets

Nominal Size (in)		ITEM#	Price Ea
Size 1	Size 2		
2	1 ½	0890813009	POA
2 ½	2	0890813017	POA
3	2	0890813033	POA
3	2 ½	0890813041	POA
4	2	0890813066	POA
4	2 ½	0890813074	POA
4	3	0890813090	POA
5	4	0890813116	POA
6	4	0890813132	POA
8	6	0890813280	POA

STANDARD LUBRICANT

Size	ITEM#	Price Ea
2 lb Tub	0390163046	\$129.68
5 gal Pail	0390163053	POA

XTREME LUBRICANT (SILICONE)

Size	ITEM#	Price Ea
10 oz Tube	0390162881	\$315.26
2.2 lb Tub	0390163103	\$958.29

STANDARD LUBRICANT USAGE GUIDE		
SIZE OF GASKET	NUMBER OF GASKETS	
	PER TUBE	PER QUART
2"	55	400
3"	45	300
4"	25	200
6"	20	130
8"	15	100
10"	10	85
12"	9	60
14"	7	50
16"	6	40
18"	5	35
20"	4	30
24"	3	20

XTREME LUBRICANT USAGE GUIDE	
SIZE OF GASKET	NUMBER OF GASKETS PER QUART
	2"
3"	900
4"	600
6"	390
8"	300
10"	255
12"	180
14"	150
16"	120
18"	105
20"	90
24"	60

Numerical Index

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