



Cast Iron Fittings PF-CI

Effective Date: 04/25/2022 | Replaces Prior Date: 11/08/2021 | Sheet # PF.CI-4.22

ASC Engineered Solutions Freight Terms Policy – Effective October 11, 2021

Continental U.S. Freight Allowance: Freight terms are FOB and will be prepaid and allowed by ASC Engineered Solutions according to the following total order values per product category (excludes Hawaii and Alaska). All exclusions will be shipped Ex-Works point of shipment.

Minimum order amount is \$150. All orders must be in full box quantity or bundle quantity.

Product Line	Standard Terms	General Service Product Combined Terms	Sharpe High-Performance Combined Terms	ABZ Rubber Seated BFV
Pipe Fittings	\$ 3,000			
Pipe Nipples	\$ 3,000			
Grooved	\$ 3,000			
High-Pressure Fittings	\$ 3,000			
Press Products	\$ 3,000			
O-Lets	\$ 3,000			
FPPI	\$ 3,000			
FlexHead	\$ 3,000			
Pipe Hangers	\$ 3,000			
Seismic (Afcon)	\$ 3,000			
Strut Fittings	\$ 3,000			
Strut (Channel)	\$ 3,000			
All Thread Rod	\$ 3,000			
SCI /Anvil/ Misc. Valves	\$ 3,000			
Sharpe General Service Valves	\$ 3,000			
Sharpe High-Performance Valves	\$ 5,000			
Sharpe Engineered Valves	\$ 5,000			
Sharpe Actuation Products	\$ 5,000			
ABZ Valves	\$12,000			\$ 6,000
Quadrant Valves	\$7,500			
Trenton	\$ 2,000			
Pipe & Tubing	Ex-Works Shipping Point			
Engineered Pipe Supports	Ex-Works Shipping Point			

*Tubing, Strut and Rod in bundle quantities only

** Pipe, Tubing is EXWorks Only and cannot be used to meet combined minimum freight allowance. If on the same order with other products the order will be split.

If multiple products are combined on one order, the combined prepaid freight level will default to the highest product line value. For example, when pipe fittings are combined with Sharpe High-Performance Valves, the order's combined prepaid freight terms will be \$5,000.

Minimum order for any international order is \$500; all Ex-Works unless other terms are in writing.

Canadian orders will be handled through our Canadian division and terms will be set by that division.

Table of Contents

90° Elbow Fig. 351	4
90° Elbow, Flange & Screw Fig. 371	4
90° Elbow, Reducing Fig. 352	5
45° Elbow Fig. 356	6
22½° Elbow Fig. 356A	6
45° Reducing Elbow Fig. 356R	7
Tee Fig. 358	7
Tee Reducing Fig. 359	11
Cross Fig. 360	12
Cross Reducing Fig. 361	13
Screwed Hex Coupling Fig. 366	13
Flanged Union Gasket Type Fig. 487	14
Concentric Reducer Fig. 367	15
Eccentric Reducer Fig. 368	16
Hex Bushing Fig. 383	17
Face Bushing Fig. 385	17
Square Head Plugs, Cored Fig. 387	18
Square Head Plugs, Solid Fig. 388	18
Bar Plugs, Cored Fig. 389	19
Bar Plugs, Solid Fig. 380	19
Counter Sunk Plugs Fig. 390	20
Cap Fig. 381	20
Locknut Fig. 370	21
X.H. 90° Elbow Fig. 421	21
X.H. 45° Elbow Fig. 424	22
X.H. Tee Fig. 425	22
X.H. Reducing Tee Fig. 426	23
90° Short Turn Elbow Fig. 701*	23
90° Reducing Short Turn Elbow Fig. 701R*	23
90° Long Turn Elbow Fig. 702*	24
90° Extra Long Turn Elbow Fig. 702A*	24
60° Short Turn Elbow Fig. 703	24
45° Short Turn Elbow Fig. 705	25
45° Long Turn Elbow Fig. 706	25
22 ½° Elbow Fig. 707	26
11 ½° Elbow Fig. 708	26
90° Street Elbow Fig. 718*	27
45° Street Elbow Fig. 719	27
Tee Fig. 722*	28
Reducing Tee Fig. 723*	28
90° Short Turn Y-Branch Tee Pattern Fig. 726*	28
90° Reducing Short Turn Y-Branch Tee Pattern Fig. 727*	29
90° Reducing Double Short Turn Y-Branch Tee Pattern Fig. 729*	29
90° Long Turn Y-Branch Tee Pattern Fig. 730*	29
90° Reducing Long Turn Y-Branch Tee Pattern Fig. 731*	30
45° Y-Branch Fig. 734	30
45° Reducing Y-Branch Fig. 735	31
45° Double Y-Branch Fig. 736	31
Coupling Fig. 753	31
Tucker Connection Fig. 744	32
P-Trap Fig. 752	32
Bath P-Trap Fig. 754	33
90° Flanged Elbow Fig. 801	33
45° Flanged Elbow Fig. 802	34
90° Reducing Flanged Elbow Fig. 803	34
90° Long Radius Elbow Fig. 804	35
90° Flanged Base Elbow Fig. 805	35
Flanged Tee Fig. 811	36
Flanged Reducing Tee Fig. 812	37

Table of Contents

Flanged Cross Fig. 821	37
Flanged Lateral Fig. 823	38
Flanged Concentric Reducer Fig. 825	38
Flanged Eccentric Reducer Fig. 826	39
Cast Iron Companion Flange Fig. 1011	40
Cast Iron Reducing Flange Fig. 1016	41
Cast Iron Blind Flange Fig. 1018	41
X.H. Cast Iron Companion Flange Fig. 1025	42
X.H. Cast Iron Reducing Flange Fig. 1030	42
X.H. Cast Iron Blind Flange Fig. 1021	43
Screwed Cast Iron Fig. 1538	43

STANDARD SCREWED CAST IRON FITTINGS

90° Elbow Fig. 351


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1/4	0.16	030000205	\$24.030	80
5/8	0.25	030000403	\$34.820	40
1/2	0.38	030000601	\$15.230	150
3/4	0.62	030000809 □	\$15.860	100
1	0.95	030001005 □	\$18.810	45
1 1/4	1.47	030001203 □	\$26.700	25
1 1/2	1.93	030001401 □	\$36.920	15
2	3.03	030001609 □	\$57.710	20
2 1/2	4.72	030001807	\$138.250	1
3	6.96	030002003	\$226.410	1
3 1/2	9.47	030002201	\$614.930	1
4	12.26	030002409	\$419.740	1
5	19.53	030002607	\$963.340	1
6	29.50	030002805	\$1,248.300	1
8	60.29	030003001	\$2,913.790	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Elbow, Flange & Screw Fig. 371


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
2 1/2	9.75	0300200201	\$1,183.270	1
3	13.25	0300200409	\$1,443.740	1
4	21.56	0300200805	\$1,678.450	1
6	40.50	0300201209	\$3,729.750	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Elbow, Reducing Fig. 352


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
½	¼	0.40	0300012002	\$39.350	1
½	¾	0.32	0300011806	\$48.430	1
¾	½	0.49	0300012200	\$32.060	120
1	½	0.62	0300012606 □	\$23.750	70
1	¾	0.78	0300012408 □	\$26.780	70
1 ¼	½	0.94	0300013208	\$37.780	55
1 ¼	¾	1.09	0300013000	\$38.410	50
1 ¼	1	1.17	0300012804 □	\$33.700	40
1 ½	½	1.13	0300014008	\$66.730	1
1 ½	¾	1.35	0300013802	\$62.200	1
1 ½	1	1.46	0300013604 □	\$62.200	30
1 ½	1 ¼	1.74	0300013406	\$68.060	25
2	½	1.74	0300015005	\$103.730	15
2	¾	1.78	0300014800	\$91.050	15
2	1	1.94	0300014602	\$91.050	15
2	1 ¼	2.25	0300014404	\$97.360	25
2	1 ½	2.59	0300014206	\$91.050	25
2 ½	1	2.93	0300015807	\$212.350	1
2 ½	1 ¼	3.41	0300015609	\$212.350	1
2 ½	1 ½	3.69	0300015401	\$207.340	1
2 ½	2	4.31	0300015203	\$183.860	1
3	1 ½	6.27	0300016409	\$347.150	1
3	2	5.91	0300016201	\$319.800	1
3	2 ½	6.18	0300016003	\$347.150	1
3	3	10.63	0300017209	\$592.290	1
4	2	11.89	0300017605	\$592.290	1
4	2 ½	11.41	0300017407	\$592.290	1
4	4	16.47	0300017803	\$1,427.980	1
5	5	26.66	0300018504	\$1,944.800	1
6	3	19.43	0300018801	\$1,890.940	1
6	4	23.53	0300018603	\$1,890.940	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

45° Elbow Fig. 356


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1/4	0.16	0300028206	\$31.050	-	-	1
5/8	0.23	0300028305	\$33.360	-	-	1
1/2	0.37	0300028404	\$23.340	-	-	150
3/4	0.55	0300028503	\$23.460	-	-	100
1	0.85	0300028602	\$27.540	0301029849	\$90.060	60
1 1/4	1.36	0300028701	\$37.000	-	-	35
1 1/2	1.79	0300028800	\$61.340	-	-	25
2	2.80	0300028909	\$70.720	-	-	20
2 1/2	4.29	0300029006	\$183.930	-	-	10
3	6.44	0300029105	\$291.290	-	-	1
3 1/2	8.42	0300029204	\$716.060	-	-	1
4	10.59	0300029303	\$605.680	-	-	1
6	25.56	0300029501	\$1,836.210	-	-	1
8	50.17	0300029600	\$3,777.530	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

22½° Elbow Fig. 356A


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
5/8	0.48	0300030004	\$137.110	1
1	0.80	0300030103	\$139.880	1
1 1/4	1.92	0300030202	\$213.000	1
1 1/2	1.65	0300030301	\$285.580	1
2	2.70	0300030400	\$368.430	1
2 1/2	4.00	0300030509	\$504.130	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

45° Reducing Elbow Fig. 356R


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
1	½	0.65	0300029840	\$50.050	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Tee Fig. 358


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
¼	0.22	0300031200	\$39.420	1
⅜	0.35	0300031408	\$36.560	1
½	0.54	0300031606	\$23.750	100
¾	0.84	0300031804	\$27.700	60
1	1.47	0300032000 □	\$24.660	30
1 ¼	2.03	0300032208 □	\$44.990	20
1 ½	2.55	0300032406	\$58.480	20
2	4.16	0300032604 □	\$81.420	10
2 ½	6.67	0300032802	\$211.550	1
3	9.53	0300033008	\$324.650	1
3 ½	13.29	0300033206	\$654.830	1
4	17.07	0300033404	\$633.310	1
5	26.75	0300033602	\$1,814.520	1
6	38.75	0300033800	\$2,060.110	1
8	79.00	0300034006	\$4,789.960	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Tee Reducing Fig. 359


Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
				ITEM#	Price Ea	
1/2	1/2	1/4	0.57	0300035003	\$49.390	1
1/2	1/2	5/8	0.57	0300035201	\$61.410	1
1/2	1/2	3/4	0.75	0300035805	\$45.860	1
1/2	1/2	1	1.08	0300039005	\$57.830	1
3/4	1/2	1/2	0.62	0300036001	\$53.320	1
3/4	1/2	3/4	0.75	0300036209	\$44.710	1
3/4	3/4	1/4	0.76	0300035607	\$38.510	70
3/4	3/4	5/8	0.87	0300039500	\$52.930	1
3/4	3/4	1/2	0.68	0300036803	\$44.710	1
3/4	3/4	1	0.90	0300038809	\$55.500	1
1	1/2	1/2	1.03	0300038403	\$36.640	45
1	1/2	3/4	0.89	0300038007	\$50.590	1
1	1/2	1	0.98	0300037801 □	\$46.440	50
1	3/4	1/2	1.13	0300037603	\$37.200	45
1	3/4	3/4	0.86	0300037405	\$60.020	1
1	3/4	1	0.97	0300037207	\$27.800	50
1	1	1/4	1.11	0300037009	\$33.360	45
1	1	1/2	2.29	0300036902 □	\$176.620	1
1	1	3/4	1.06	0300039203	\$45.220	1
1	1	1 1/4	1.56	0300042009	\$53.320	20
1	1	1 1/2	1.84	0300046000	\$89.170	1
1	1	2	0.64	0300036407	\$44.710	1
1	1 1/4	1	0.91	0300038601	\$50.590	1
1 1/4	1/2	1/2	1.00	0300041902	\$106.050	1
1 1/4	1/2	1	1.38	0300041621	\$80.660	1
1 1/4	1/2	1 1/4	1.59	0300041605	\$68.720	25
1 1/4	3/4	3/4	1.27	0300041407	\$80.320	1
1 1/4	3/4	1	1.43	0300041209	\$80.320	1
1 1/4	3/4	1 1/4	1.71	0300041001	\$65.560	25
1 1/4	1	1/2	1.23	0300040805 □	\$45.050	35
1 1/4	1	3/4	1.35	0300040607	\$50.920	30
1 1/4	1	1	1.72	0300040409 □	\$44.460	20
1 1/4	1	1 1/4	1.76	0300040201	\$49.100	20
1 1/4	1	1 1/2	2.07	0300045804	\$82.460	25
1 1/4	1	2	2.66	0300052008	\$164.300	1
1 1/4	1 1/4	1/2	1.44	0300040003 □	\$44.410	30
1 1/4	1 1/4	3/4	1.58	0300039807	\$48.250	25
1 1/4	1 1/4	1	1.76	0300039609 □	\$44.460	20

Tee Reducing Fig. 359

Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
				ITEM#	Price Ea	
1 1/4	1 1/4	1 1/2	2.29	0300045606	\$82.460	20
1 1/4	1 1/4	2	2.81	0300051802	\$137.980	1
1 1/2	1/2	1 1/4	1.93	0300045408	\$104.440	1
1 1/2	1/2	1 1/2	2.10	0300045341	\$91.930	20
1 1/2	3/4	1 1/2	2.18	0300045002	\$89.810	1
1 1/2	1	1/2	1.83	0300044807	\$95.380	1
1 1/2	1	3/4	1.57	0300044609	\$92.290	25
1 1/2	1	1	1.81	0300044401	\$82.460	20
1 1/2	1	1 1/4	2.05	0300044203	\$95.380	25
1 1/2	1	1 1/2	2.29	0300044005	\$68.750	25
1 1/2	1	2	2.91	0300051604	\$128.800	1
1 1/2	1 1/4	1/2	1.67	0300043809 □	\$62.640	25
1 1/2	1 1/4	3/4	1.78	0300043601	\$66.230	20
1 1/2	1 1/4	1	1.91	0300043403 □	\$57.970	20
1 1/2	1 1/4	1 1/4	2.31	0300043205	\$82.460	20
1 1/2	1 1/4	1 1/2	2.50	0300043007	\$82.460	10
1 1/2	1 1/4	2	2.95	0300051406	\$126.200	15
1 1/2	1 1/2	1/2	1.84	0300042801 □	\$57.970	20
1 1/2	1 1/2	3/4	1.92	0300042603 □	\$62.640	20
1 1/2	1 1/2	1	2.12	0300042405 □	\$57.970	30
1 1/2	1 1/2	1 1/4	2.37	0300042207	\$82.460	25
1 1/2	1 1/2	2	3.10	0300051208	\$90.190	10
1 1/2	1 1/2	2 1/2	4.15	0300057809	\$278.170	1
2	1/2	1 1/2	2.70	0300051000	\$148.240	1
2	1/2	2	3.30	0300050804	\$128.800	10
2	3/4	1 1/4	3.01	0300050606	\$148.240	1
2	3/4	1 1/2	2.85	0300050507	\$148.240	1
2	3/4	2	3.31	0300050408	\$117.680	15
2	1	1	2.30	0300050200	\$144.740	1
2	1	1 1/4	2.94	0300050002	\$148.240	1
2	1	1 1/2	2.78	0300049806	\$120.420	1
2	1	2	3.30	0300049608	\$129.840	15
2	1	2 1/2	5.62	0300057627	\$278.170	1
2	1 1/4	1/2	2.48	0300049400	\$148.240	1
2	1 1/4	3/4	2.50	0300049202	\$176.620	1
2	1 1/4	1	2.73	0300049004	\$144.740	15
2	1 1/4	1 1/4	2.90	0300048808	\$128.800	15
2	1 1/4	1 1/2	3.13	0300048600	\$148.240	1
2	1 1/4	2	3.49	0300048402	\$112.040	15
2	1 1/4	2 1/2	4.54	0300057601	POA	Bulk
2	1 1/2	1/2	2.29	0300048204	\$94.060	25
2	1 1/2	3/4	2.43	0300048006	\$94.060	20
2	1 1/2	1	2.64	0300047800	\$82.190	20
2	1 1/2	1 1/4	2.78	0300047602	\$128.670	15
2	1 1/2	1 1/2	3.15	0300047404	\$126.200	15
2	1 1/2	2	3.69	0300047206	\$112.040	15
2	1 1/2	2 1/2	5.46	0300057403	\$240.110	1

Tee Reducing Fig. 359

Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
				ITEM#	Price Ea	
2	2	½	2.66	0300047008	\$82.190	20
2	2	¾	2.86	0300046802	\$82.190	20
2	2	1	3.05	0300046604 □	\$82.190	15
2	2	1 ¼	3.38	0300046406	\$92.260	15
2	2	1 ½	3.65	0300046208	\$97.520	15
2	2	2 ½	5.04	0300057205	\$209.180	1
2	2	3	5.95	0300064201	\$377.190	1
2 ½	½	2 ½	5.15	0300056801	\$251.170	1
2 ½	¾	2 ½	5.10	0300056405	\$245.390	1
2 ½	1	2	5.03	0300056207	\$278.170	1
2 ½	1	2 ½	4.90	0300056009	\$245.590	1
2 ½	1 ¼	2	4.96	0300055605	\$278.170	1
2 ½	1 ¼	2 ½	5.40	0300055407	\$278.170	1
2 ½	1 ½	1 ½	4.23	0300055209	\$278.170	1
2 ½	1 ½	2	4.85	0300055001	\$278.170	1
2 ½	1 ½	2 ½	5.53	0300054806	\$278.170	1
2 ½	2	½	3.57	0300054608	\$278.170	1
2 ½	2	¾	3.62	0300054400	\$235.230	1
2 ½	2	1	3.92	0300054202	\$239.920	1
2 ½	2	1 ¼	4.26	0300054004	\$278.170	1
2 ½	2	1 ½	4.30	0300053808	\$266.650	1
2 ½	2	1 ½	5.80	0300053402	\$240.960	1
2 ½	2	2	5.17	0300053600	\$245.590	1
2 ½	2	3	7.35	0300063401	\$418.060	1
2 ½	2 ½	½	4.00	0300053204	\$266.650	1
2 ½	2 ½	¾	4.29	0300053006	\$239.920	1
2 ½	2 ½	1	4.47	0300052800	\$235.230	1
2 ½	2 ½	1 ¼	4.83	0300052602	\$239.920	1
2 ½	2 ½	1 ½	5.19	0300052404	\$245.590	1
2 ½	2 ½	2	5.75	0300052206	\$239.920	1
2 ½	4	4	16.99	0300078409	\$1,200.170	1
3	¾	3	6.94	0300062809	\$457.190	1
3	1	3	7.08	0300062403	\$418.060	1
3	1 ¼	3	8.46	0300062007	\$418.060	1
3	1 ½	3	8.13	0300061603	\$418.060	1
3	2	1 ½	6.83	0300061405	\$418.060	1
3	2	2	5.79	0300061207	\$418.060	1
3	2	2 ½	7.10	0300061009	\$398.420	1
3	2	3	8.79	0300060803	\$418.060	1
3	2 ½	1	5.51	0300060407	\$610.080	1
3	2 ½	1 ¼	5.92	0300060209	\$398.420	1
3	2 ½	1 ½	6.20	0300060001	\$566.220	1
3	2 ½	2	6.81	0300059805	\$418.060	1
3	2 ½	2 ½	7.49	0300059607	\$418.060	1
3	2 ½	3	9.13	0300059409	\$418.060	1
3	3	¾	6.06	0300059003	\$593.180	1
3	3	1	6.29	0300058807	\$352.100	1

Tee Reducing Fig. 359

Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
				ITEM#	Price Ea	
3	3	1 1/4	6.75	0300058609	\$385.220	1
3	3	1 1/2	7.10	0300058401	\$418.060	1
3	3	2	7.83	0300058203	\$359.570	1
3	3	2 1/2	8.50	0300058005	\$418.060	1
3	3	4	15.54	0300078003	\$1,075.440	1
3 1/2	3 1/2	1 1/2	8.87	0300065000	\$1,057.380	1
3 1/2	3 1/2	2	9.53	0300064805	\$1,057.380	1
4	3/4	3/4	10.58	0300071602	\$1,130.400	1
4	1	4	12.85	0300076809	\$725.080	1
4	1 1/2	4	13.47	0300076403	\$795.370	1
4	2	4	13.77	0300075603	\$834.670	1
4	2 1/2	2 1/2	11.78	0300075405	\$1,022.680	1
4	2 1/2	4	15.75	0300074804	POA	Bulk
4	3	3	12.50	0300073806	\$1,099.310	1
4	3	3	11.25	0300074002	\$795.370	1
4	3	4	15.04	0300073400	\$834.670	1
4	4	1	9.85	0300071404	\$1,091.140	1
4	4	1 1/4	10.13	0300071206	\$985.380	1
4	4	1 1/2	10.75	0300071008	\$834.670	1
4	4	2	12.18	0300070802	\$736.210	1
4	4	2 1/2	12.92	0300070604	\$769.180	1
4	4	3	13.12	0300070406	\$815.310	1
4	4	5	20.68	0300084209	\$2,089.630	1
4	4	6	23.61	0300092806	\$2,012.790	1
5	2 1/2	2 1/2	18.80	0300079407	\$1,882.520	1
5	5	2	17.42	0300079605	\$1,939.430	1
5	5	3	20.07	0300079209	\$2,031.770	1
5	5	4	23.83	0300078805	\$1,972.170	1
6	4	4	26.06	0300089604	\$2,607.650	1
6	6	2 1/2	24.19	0300086402	\$2,686.310	1
6	6	3	26.65	0300086204	\$2,420.190	1
6	6	4	32.44	0300085800	\$2,611.900	1
6	6	5	37.00	0300085602	\$2,535.450	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Cross Fig. 360


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
½	0.70	0300108701	\$65.440	1
¾	1.03	0300108800	\$65.440	1
1	1.57	0300109006	\$76.220	1
1 ¼	2.44	0300109204	\$107.520	1
1 ½	3.21	0300109402	\$149.210	1
2	4.91	0300109600	\$206.990	1
2 ½	8.07	0300109808	\$512.680	1
3	11.84	0300110004	\$897.430	1
4	19.63	0300110202	\$1,526.270	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Cross Reducing Fig. 361


Size 1 (in)	Size 2 (in)	Size 3 (in)	Size 4 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
					ITEM#	Price Ea	
1	1	¾	¾	1.40	0300111606	\$114.970	1
1 ¼	1 ¼	1	1	2.04	0300111804	\$123.570	1
1 ½	1	1	1	2.70	0300112604	\$205.350	1
1 ½	1 ¼	1	1	2.67	0300112307	\$185.260	1
1 ½	1 ½	1	1	2.42	0300112000	\$146.950	1
1 ½	1 ½	1 ¼	1	2.85	0300111986	\$254.930	1
1 ½	1 ½	1 ¼	1 ¼	2.82	0300111960	\$185.260	1
2	1 ½	1	1	3.57	0300113800	\$319.600	1
2	1 ½	1 ¼	1	4.25	0300113602	\$418.710	1
2	1 ½	1 ¼	1 ¼	4.18	0300113404	\$418.710	1
2	2	1	1	3.29	0300113206	\$201.200	1
2	2	1 ¼	1 ¼	3.80	0300113008	\$237.410	1
2	2	1 ½	1 ½	4.08	0300112802	\$212.650	1
2 ½	2	1	1	5.11	0300116001	\$654.100	1

Cross Reducing Fig. 361

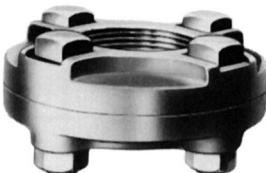
Size 1 (in)	Size 2 (in)	Size 3 (in)	Size 4 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
					ITEM#	Price Ea	
2 ½	2	1 ½	1 ½	6.13	0300115409	\$654.100	1
2 ½	2	2	2	7.23	0300115201	\$654.100	1
2 ½	2 ½	1 ¼	1	5.39	0300114808	\$654.100	1
2 ½	2 ½	1 ¼	1 ¼	5.26	0300114600	\$654.100	1
2 ½	2 ½	1 ½	1 ½	5.68	0300114204	\$602.740	1
3	3	1 ½	1 ½	7.63	0300117207	\$1,035.910	1
3	3	2	2	8.90	0300116803	\$1,035.910	1
4	4	2	2	11.97	0300124807	\$1,789.730	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Screwed Hex Coupling Fig. 366


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1	0.88	0300147998	\$36.020	60

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Flanged Union Gasket Type Fig. 487


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
¾	2.00	0308300409 II	\$284.920	0309300408 II	\$632.450	1
1	2.25	0308300607	\$276.050	0309300606	\$632.450	1
1 ¼	4.75	0308300805 II	\$326.500	0309300804 II	\$791.970	1
1 ½	5.00	0308301001 II	\$301.320	0309301000 II	\$924.220	1
2	5.90	0308301209	\$354.640	0309301208	\$951.120	1
2 ½	8.50	0308301407	\$480.240	0309301406	\$1,431.670	1
3	11.00	0308301605	\$543.250	0309301604	\$1,898.010	1
3 ½	12.75	0308301803	\$921.640	-	-	1

Flanged Union Gasket Type Fig. 487

Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
4	18.00	0308302009	\$738.700	0309302008	\$2,518.090	1
5	22.00	0308302207	\$1,721.700	-	-	1
6	30.00	0308302405	\$1,616.120	0309302404	\$3,409.600	1
8	51.00	0308302603 □	\$3,907.240	0309302602 □	\$9,173.660	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Concentric Reducer Fig. 367


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
¾	½	0.40	0300148467	\$42.600	1
1	½ (Hex)	0.60	0300149002 □	\$21.790	80
1	¾ (Hex)	0.68	0300148806 □	\$28.890	70
1 ¼	½	0.87	0300149606	\$86.060	1
1 ¼	¾	1.00	0300149408	\$63.960	1
1 ¼	1	1.07	0300149200	\$74.850	1
1 ½	½	1.00	0300150406	\$141.630	1
1 ½	¾	1.10	0300150208	\$121.660	1
1 ½	1	1.16	0300150000	\$105.930	1
1 ½	1 ¼	1.43	0300149804	\$105.930	1
2	½	1.75	0300151008	\$153.790	1
2	¾	1.78	0300150901	\$138.540	1
2	1	1.75	0300150802	\$123.340	1
2	1 ¼	1.78	0300150703	\$144.740	1
2	1 ½	1.95	0300150604	\$138.540	1
2 ½	1 ½	2.75	0300151206	\$218.930	1
2 ½	2	2.98	0300151107	\$196.860	1
3	¾	4.31	0300151586	\$367.410	1
3	2	4.27	0300151503	\$241.300	1
3	2 ½	4.40	0300151404	\$327.130	1
4	2	6.50	0300151909	\$670.480	1
4	2 ½	7.78	0300151800	\$670.480	1
4	3	7.68	0300151768	\$670.480	1
5	4	10.48	0300152006	\$945.700	1
6	4	12.88	0300152204	\$1,215.300	1
6	5	15.53	0300152105	\$1,093.430	1

Concentric Reducer Fig. 367

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
8	6	27.00	0300152329	\$5,444.350	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Eccentric Reducer Fig. 368



Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
¾	½	0.42	0300152469	\$89.630	1
1	½	0.59	0300152808	\$94.090	1
1	¾	0.60	0300152600	\$96.800	1
1 ¼	½	0.88	0300153400	\$154.650	1
1 ¼	¾	0.83	0300153202	\$140.130	1
1 ¼	1	0.91	0300153004	\$144.200	1
1 ½	½	1.10	0300154200	\$194.700	1
1 ½	¾	1.17	0300154002	\$204.440	1
1 ½	1	1.13	0300153806	\$204.440	1
1 ½	1 ¼	1.26	0300153608	\$195.480	1
2	½	1.80	0300155207	\$273.780	1
2	¾	1.83	0300155009	\$294.580	1
2	1	1.84	0300154804	\$266.860	1
2	1 ¼	1.87	0300154606	\$254.110	1
2	1 ½	1.93	0300154408	\$259.230	1
2 ½	1	2.74	0300156007	\$424.570	1
2 ½	1 ¼	2.75	0300155801	\$424.570	1
2 ½	1 ½	2.71	0300155603	\$405.260	1
2 ½	2	2.95	0300155405	\$395.830	1
3	1	3.95	0300157005	\$670.480	1
3	1 ¼	3.89	0300156809	\$670.480	1
3	1 ½	4.16	0300156601	\$571.220	1
3	2	4.14	0300156403	\$490.760	1
3	2 ½	4.96	0300156205	\$617.850	1
3 ½	2	5.23	0300157609	\$756.910	1
4	1 ¼	6.58	0300159407	\$1,209.660	1
4	1 ½	6.61	0300159209	\$1,125.260	1
4	2	6.51	0300159001	\$1,154.670	1
4	2 ½	7.26	0300158805	\$1,244.130	1
4	3	7.64	0300158607	\$1,244.130	1
5	3	10.44	0300160207	\$1,415.730	1

Eccentric Reducer Fig. 368

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
5	4	11.19	0300159803	\$1,521.960	1
6	3	14.66	0300161403	\$1,929.560	1
6	4	15.36	0300161007	\$1,929.560	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ - Sold in box only, blk / galv

Hex Bushing Fig. 383


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	¼	0.44	0318907607	\$31.260	0319907606	\$61.570	25
1 ½	⅜	0.40	0318907565	\$37.120	0319907564	\$64.510	25
1 ½	½	0.42	0318907524	\$23.750	0319907523	\$47.870	25
1 ½	¾	0.45	0318907482 □	\$23.750	0319907481	\$47.870	25
1 ½	1	0.50	0318907441 □	\$20.840	0319907440	\$43.240	25
2	¼	0.62	0318907920	\$33.700	0319907929	\$69.750	15
2	⅜	0.68	0318907888	\$42.430	0319907887	\$71.360	15
2	½	0.60	0318907847	\$37.730	0319907846	\$59.970	15
2	¾	0.69	0318907805	\$29.860	0319907804	\$55.760	15
2	1	0.74	0318907763 □	\$28.510	0319907762	\$55.760	15
2	1 ¼	0.79	0318907722 □	\$28.510	0319907721	\$55.760	15
2 ½	½	1.05	0318908209	\$48.920	0319908208	\$101.550	1
2 ½	¾	1.03	0318908167	\$52.470	0319908166	\$101.550	1
2 ½	1	1.06	0318908126	\$52.470	0319908125	\$101.550	1
2 ½	1 ¼	1.15	0318908084	\$52.470	0319908083	\$101.550	20
2 ½	1 ½	1.29	0318908043	\$45.680	0319908042	\$91.410	1
3	½	1.56	0318908480	\$82.730	0319908489	\$140.330	1
3	¾	1.56	0318908449	\$77.080	0319908448	\$133.960	1
3	1	1.65	0318908407	\$70.930	0319908406	\$133.960	1
3	1 ¼	1.77	0318908365	\$70.930	0319908364	\$130.850	1
3	1 ½	1.63	0318908324	\$70.930	0319908323	\$120.550	1
3	2	1.95	0318908282	\$52.970	0319908281 □	\$104.160	1
3	2 ½	1.58	0318908241	\$61.390	0319908240	\$111.820	1
3 ½	1	2.65	0318908720	\$138.120	0319908729	\$217.110	1
3 ½	1 ¼	2.54	0318908688	\$138.120	0319908687	\$217.110	1
3 ½	1 ½	2.37	0318908647	\$138.120	0319908646	\$237.890	1
3 ½	2	2.42	0318908605	\$134.880	0319908604	\$237.890	1
3 ½	2 ½	2.56	0318908563	\$138.120	0319908562	\$237.890	1
3 ½	3	1.88	0318908522	\$124.360	0319908521	\$237.890	1

Hex Bushing Fig. 383

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
4	1	3.59	0318909009	\$160.760	0319909008	\$280.750	1
4	1 ¼	3.54	0318908969	\$160.760	0319908968	\$280.750	1
4	1 ½	3.05	0318908928	\$148.050	0319908927	\$280.750	1
4	2	2.75	0318908886	\$119.480	0319908885	\$218.730	20
4	2 ½	3.29	0318908845	\$144.570	0319908844	\$280.750	1
4	3	3.14	0318908803	\$119.480	0319908802	\$218.730	1
4	3 ½	2.50	0318908761	\$160.760	0319908760	\$280.750	1
5	2	4.98	0318909207	\$278.450	0319909206	\$474.630	1
5	2 ½	4.87	0318909165	\$278.450	0319909164	\$433.240	1
5	3	5.02	0318909124	\$250.540	0319909123	\$474.630	1
5	3 ½	4.83	0318909082	\$271.270	-	-	1
5	4	4.65	0318909041	\$243.320	0319909040	\$463.560	1
6	2	8.00	0318909447	\$287.260	0319909446	\$536.960	1
6	2 ½	7.72	0318909405	\$319.280	-	-	1
6	3	7.86	0318909363	\$287.260	0319909362	\$536.960	1
6	4	7.42	0318909280	\$248.690	0319909289	\$506.560	1
6	5	5.73	0318909249	\$287.230	0319909248	\$536.960	1
8	3	15.50	0318909645	\$796.810	-	-	1
8	4	13.75	0318909561	\$629.900	-	-	1
8	5	13.65	0318909520	\$597.090	-	-	1
8	6	13.50	0318909488	\$541.260	0319909487	\$936.040	1
10	6	24.50	0318909728	\$2,434.000	-	-	1
10	8	22.00	0318909686	\$2,457.380	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Face Bushing Fig. 385


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
3	2	1.33	0318912201	\$156.370	1
4	3	2.04	0318912482 ▲	\$297.550	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Square Head Plugs, Cored Fig. 387


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
3/4*	0.15	0318902400	\$7.640	0319902409	\$16.380	120
1	0.25	0318902442 □	\$7.640	0319902441 □	\$16.380	60
1 1/4	0.41	0318902483 □	\$12.200	0319902482 □	\$27.330	30
1 1/2	0.53	0318902525 □	\$17.260	0319902524	\$36.900	25
2	0.89	0318902566 □	\$20.180	0319902565 □	\$45.810	15
2 1/2	1.25	0318902608	\$49.100	0319902607	\$96.800	10
3	1.96	0318902640	\$56.880	0319902649	\$123.960	1
3 1/2	2.17	0318902681	\$138.760	0319902680	\$226.360	1
4	3.67	0318902723	\$118.210	0319902722	\$340.160	1

*Offered in zinc plated. Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Square Head Plugs, Solid Fig. 388


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1/2	0.11	0318901808	\$6.780	0319901807	\$15.180	150
3/4	0.17	0318901840	\$20.460	0319901849	\$43.320	120
1	0.32	0318901881 □	\$21.790	0319901880	\$49.110	60
1 1/4	0.53	0318901923	\$25.090	0319901922	\$53.510	30
1 1/2	0.76	0318901964	\$35.580	0319901963	\$71.360	25
2	1.24	0318902004	\$45.910	0319902003	\$101.690	15
2 1/2	2.00	0318902046	\$67.930	0319902045	\$130.890	10
3	3.18	0318902087	\$115.920	0319902086	\$230.900	1
3 1/2	4.38	0318902129	\$295.140	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Bar Plugs, Cored Fig. 389


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
4	3.70	0318903200	\$117.140	0319903209	\$240.410	1
5	6.65	0318903242	\$220.200	0319903241	\$477.960	1
6	9.85	0318903283	\$287.480	0319903282	\$543.740	1
8	18.75	0318903325	\$695.190	0319903324	\$1,358.120	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Bar Plugs, Solid Fig. 380


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
4	5.68	0318903002	\$257.790	1
5	9.60	0318903044	\$479.130	1
6	14.78	0318903085	\$611.080	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Counter Sunk Plugs Fig. 390

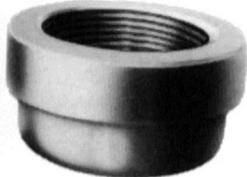

Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1	0.19	0318904760	\$26.400	0319904769	\$51.880	60

Counter Sunk Plugs Fig. 390

Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 1/4	0.32	0318904844	\$27.620	0319904843	\$54.890	30
1 1/2	0.47	0318904927	\$33.050	0319904926	\$73.780	25
2	0.84	0318904968	\$48.770	0319904967	\$103.290	15
2 1/2	1.40	0318905007	\$77.080	-	-	10
3	2.25	0318905049	\$125.900	-	-	1
3 1/2	3.02	0318905080	\$218.330	-	-	1
4	3.76	0318905122	\$339.320	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

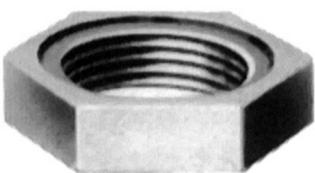
Cap Fig. 381



Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
2 1/2	2.55	0318900800	\$130.510	-	-	1
3	4.09	0318900883	\$171.690	-	-	1
4	7.05	0318901048	\$246.990	-	-	1
5	11.19	0318901121	\$376.030	-	-	1
6	15.88	0318901204	\$471.170	0319901203	\$1,866.470	1
8	26.60	0318901246	\$1,399.310	0319901245	\$2,611.240	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Locknut Fig. 370



Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
2 1/2	0.95	0318913720	\$91.370	1
3	1.54	0318913803	\$119.570	1

Locknut Fig. 370

Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
4	2.35	0318913845	\$181.240	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

X.H. STANDARD SCREWED C.I. FITTINGS

X.H. 90° Elbow Fig. 421


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1/4	0.32	0300500204	\$93.480	1
1/2	0.74	0300500600	\$82.210	1
3/4	1.11	0300500808	\$83.700	1
1	1.65	0300501004	\$101.230	1
1 1/4	2.93	0300501202	\$150.700	1
1 1/2	3.86	0300501400	\$186.950	1
2	6.43	0300501608	\$230.690	1
2 1/2	10.56	0300501806	\$534.540	1
3	15.25	0300502002	\$753.610	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

X.H. 45° Elbow Fig. 424


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1/2	0.66	0300504008	\$111.820	1
3/4	1.09	0300504206	\$113.100	1
1	1.56	0300504404	\$135.780	1
1 1/4	2.70	0300504602	\$223.760	1
1 1/2	3.55	0300504800	\$246.160	1
2	5.95	0300505005	\$350.110	1

X.H. 45° Elbow Fig. 424

Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
2 1/2	9.45	0300505203	\$492.450	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

X.H. Tee Fig. 425


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1/4	0.47	0300507407	\$137.750	1
5/8	0.72	0300507605	\$127.850	1
1/2	0.96	0300507803	\$128.420	1
3/4	1.54	0300508009	\$128.320	1
1	2.43	0300508207	\$154.920	1
1 1/4	3.94	0300508405	\$231.050	1
1 1/2	5.31	0300508603	\$297.310	1
2	8.76	0300508801	\$368.810	1
3	20.84	0300509205	\$872.310	1
4	33.98	0300509601	\$2,147.860	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

X.H. Reducing Tee Fig. 426


Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
				ITEM#	Price Ea	
3/4	3/4	1/2	1.37	0300511201	\$235.110	1
1	1	5/8	2.08	0300511409	\$238.900	1
1 1/4	1 1/4	3/4	3.05	0300512001	\$297.670	1
1 1/4	1 1/4	1	3.49	0300511805	\$372.930	1
1 1/2	1 1/2	5/8	3.90	0300512605	\$442.120	1
1 1/2	1 1/2	1	4.26	0300512407	\$471.920	1

X.H. Reducing Tee Fig. 426

Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
				ITEM#	Price Ea	
1 ½	1 ½	1 ¼	4.91	0300512209	\$471.920	1
2	2	¾	6.11	0300513405	\$487.660	1
2	2	1	6.45	0300513207	\$546.580	1
2	2	1 ¼	7.11	0300513009	\$641.670	1
2	2	1 ½	7.69	0300512803	\$629.800	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

CAST IRON DRAINAGE

90° Short Turn Elbow Fig. 701*


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	1.83	0302901103	\$91.550	0303901102	\$135.680	1
2	2.97	0302901202	\$137.890	0303901201	\$205.380	1
3	7.09	0302901400	\$517.870	0303901409	\$774.970	1
4	11.81	0302901509	\$820.160	0303901508	\$1,508.280	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Reducing Short Turn Elbow Fig. 701R*

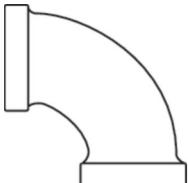

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
2	1 ½	2.40	0302903109	\$187.310	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Long Turn Elbow Fig. 702*


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	2.13	0302904107	\$128.080	0303904106	\$154.280	1
2	3.47	0302904206	\$190.740	0303904205	\$264.840	1
3	8.05	0302904404	\$695.720	-	-	1
4	16.40	0302904503	\$1,280.080	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Extra Long Turn Elbow Fig. 702A*


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1 ½	2.62	0302906102	\$165.420	1
2	4.00	0302906201	\$286.080	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

60° Short Turn Elbow Fig. 703



Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1 ½	1.68	0302907100	\$165.710	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

45° Short Turn Elbow Fig. 705



Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	1.76	0302909106	\$89.500	0303909105	\$134.110	1
2	2.79	0302909205	\$129.210	0303909204	\$191.890	1
3	6.31	0302909403	\$506.030	0303909402	\$667.870	1
4	11.25	0302909502	\$790.980	0303909501	\$1,091.300	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

45° Long Turn Elbow Fig. 706



Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	1.79	0302911102	\$125.770	0303911101	\$162.900	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

22 ½° Elbow Fig. 707



Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	1.65	0302913108	\$112.820	0303913107	\$145.410	1
2	2.96	0302913207	\$150.290	0303913206	\$217.510	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

11 ¼° Elbow Fig. 708



Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1 ½	1.81	0302914106	\$128.130	1
2	2.12	0302914205	\$240.940	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Street Elbow Fig. 718*


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	2.05	0302917109	\$130.510	0303917108	\$171.830	1
2	2.95	0302917208	\$172.800	0303917207	\$282.090	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

45° Street Elbow Fig. 719


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	1.64	0302917604	\$121.900	0303917603	\$177.800	1
2	2.49	0302917703	\$197.310	0303917702	\$273.630	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Tee Fig. 722*


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	2.59	0302918107	\$150.420	0303918106	\$203.960	1

Tee Fig. 722*

Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
2	4.30	0302918206	\$248.710	0303918205	\$341.350	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Reducing Tee Fig. 723*


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
2 x 2 x 1½	3.77	0302920202	\$283.230	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Short Turn Y-Branch Tee Pattern Fig. 726*


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	3.09	0302925102	\$147.740	0303925101	\$206.440	1
2	4.71	0302925201	\$243.480	0303925200	\$337.380	1
3	11.77	0302925409	\$964.840	0303925408	\$1,449.410	1
4	21.25	0302925508	\$1,328.410	0303925507	\$1,628.610	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Reducing Short Turn Y-Branch Tee Pattern Fig. 727*


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
2 x 1½ x 1½	4.33	0302926605	\$250.330	1
2 x 2 x 1½	4.20	0302926308	\$250.330	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Reducing Double Short Turn Y-Branch Tee Pattern Fig. 729*


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
2 x 1½	4.92	0302931100	\$371.980	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Long Turn Y-Branch Tee Pattern Fig. 730*


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	4.05	0302934104	\$246.850	-	-	1
2	6.69	0302934203	\$384.950	0303934202	\$622.050	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

90° Reducing Long Turn Y-Branch Tee Pattern Fig. 731*


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
2 x 2 x 1½	5.23	0302936109	\$404.030	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

45° Y-Branch Fig. 734


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	3.41	0302942107	\$180.920	0303942106	\$229.020	1
2	5.56	0302942206	\$337.450	0303942205	\$459.100	1
3	13.38	0302942404	\$1,163.840	0303942403	\$1,705.440	1
4	23.12	0302942503	\$1,736.510	0303942502	\$2,497.590	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

45° Reducing Y-Branch Fig. 735


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
2 x 2 x 1½	4.83	0302944103	\$333.660	0303944102	\$527.160	1

45° Reducing Y-Branch Fig. 735

Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
4 x 4 x 3	18.20	0302945001	\$1,813.360	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

45° Double Y-Branch Fig. 736



Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1 ½	5.09	0302948104	\$485.980	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Coupling Fig. 753



Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	1.77	0302960109	\$338.360	0303960108	\$324.790	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Tucker Connection Fig. 744


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1 1/2	4.04	0302955109	\$279.560	1
2	3.55	0302955208	\$343.930	1
4	17.23	0302955505	\$1,376.130	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

P-Trap Fig. 752


Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 1/2	4.49	0302959101	\$268.810	0303959100	\$370.330	1
3	16.25	0302959408	\$1,498.600	0303959407	\$2,206.270	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Bath P-Trap Fig. 754


Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
1 1/2	3.87	0302962006	\$276.560	1

Bath P-Trap Fig. 754

Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
2	6.25	0302962105	\$442.690	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

CAST IRON FLANGED, STANDARD

90° Flanged Elbow Fig. 801



Size (in)	Approx Weight EACH (lbs)	Painted Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	10.00	0306000209	\$1,456.210	-	-	1
2	16.00	0306000407	\$801.550	-	-	1
2 ½	20.00	0306000605	\$867.050	0307000604	\$2,146.590	1
3	24.10	0306000803	\$723.700	0307000802	\$2,243.030	1
4	44.40	0306001207	\$894.990	0307001206	\$2,044.920	1
5	59.00	0306001405	\$2,119.660	-	-	1
6	73.00	0306001603 I	\$1,401.290	0307001602 I	\$3,292.350	1
8	121.00	0306001801	\$2,419.630	0307001800	\$5,128.270	1
10	198.00	0306002007	\$5,303.080	-	-	1
12	297.00	0306002205	\$10,675.380	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

STD. 125# – Faced Only, Faced & Drilled*

45° Flanged Elbow Fig. 802



Size (in)	Approx Weight EACH (lbs)	Painted Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
2	12.00	0306019209	\$1,161.430	-	-	1
2 ½	18.70	0306019407	\$1,238.800	-	-	1
3	22.20	0306019605	\$1,204.650	0307019604	\$2,244.960	1
4	39.00	0306020009	\$1,355.900	0307020008	\$2,952.490	1

45° Flanged Elbow Fig. 802

Size (in)	Approx Weight EACH (lbs)	Painted Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
5	42.30	0306020207	\$3,249.010	-	-	1
6	67.00	0306020405	\$2,216.700	0307020404	\$3,885.440	1
8	106.58	0306020603	\$3,241.520	-	-	1
10	165.00	0306020801	\$6,849.530	-	-	1
12	220.00	0306021007	\$10,466.050	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

STD. 125# – Faced Only, Faced & Drilled*

90° Reducing Flanged Elbow Fig. 803



Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Painted Black		Box Quantity
			ITEM#	Price Ea	
2 ½	2	19.27	0306004409	\$2,824.630	1
3	2	21.60	0306004805	\$2,457.730	1
3	2 ½	25.57	0306004607	\$2,681.110	1
4	2 ½	41.89	0306005208	\$3,034.580	1
4	3	36.60	0306005000	\$1,985.470	1
5	4	62.00	0306005604	\$4,037.660	1
6	3	56.00	0306006404	\$4,373.180	1
6	4	60.00	0306006206	\$2,462.210	1
6	5	75.00	0306006008	\$4,183.010	1
8	4	92.00	0306007006	\$4,844.350	1
8	5	90.00	0306006800	\$6,399.580	1
8	6	100.00	0306006602	\$3,592.410	1
10	8	188.00	0306007204	\$6,840.130	1
12	8	260.00	0306007808	\$17,321.550	1
12	10	262.00	0306007600	\$13,107.860	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

STD. 125# – Faced Only, Faced & Drilled*

CAST IRON FLANGED, STANDARD*

90° Long Radius Elbow Fig. 804


Size (in)	Approx Weight EACH (lbs)	Painted Black		Box Quantity
		ITEM#	Price Ea	
2	19.00	0306009408	\$2,158.550	1
3	33.07	0306009804	\$2,331.760	1
4	57.11	0306010208	\$2,138.430	1
6	101.00	0306010604	\$3,093.160	1
10	230.00	0306011008	\$9,255.300	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

STD. 125# – Faced Only, Faced & Drilled*

90° Flanged Base Elbow Fig. 805


Size (in)	Approx Weight EACH (lbs)	Painted Black		Box Quantity
		ITEM#	Price Ea	
4	67.70	0306023003	\$3,477.660	1
6	109.19	0306023409	\$5,925.110	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

STD. 125# – Faced Only, Faced & Drilled*

* Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

Flanged Tee Fig. 811


Size (in)	Approx Weight EACH (lbs)	Painted Black		Galvanized		Box Quantity
		ITEM#	Price Ea	ITEM#	Price Ea	
1 ½	16.90	0306027202	\$1,674.220	-	-	1
2	22.60	0306027400	\$877.630	-	-	1
2 ½	36.00	0306027608	\$1,278.260	-	-	1
3	39.50	0306027806	\$895.860	0307027805	\$2,127.630	1
4	67.80	0306028200	\$1,362.720	0307028209	\$3,368.320	1
5	84.50	0306028408	\$3,650.580	-	-	1
6	112.00	0306028606	\$1,977.560	0307028605	\$4,631.270	1
8	173.00	0306028804	\$3,378.580	0307028803	\$7,301.570	1
10	299.22	0306029000	\$9,090.850	-	-	1
12	446.00	0306029208	\$14,280.780	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

Flanged Reducing Tee Fig. 812


Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Painted Black		Box Quantity
				ITEM#	Price Ea	
3	3	2	39.00	0306031808	\$2,081.770	1
4	4	2	56.00	0306033200	\$2,804.910	1
4	4	3	62.00	0306032806	\$2,804.910	1
4	4	6	97.00	0306039603	\$5,416.550	1
6	4	4	95.00	0306038209	\$3,438.730	1
6	4	6	114.00	0306038001	\$3,111.130	1
6	6	2	94.60	0306037201	\$5,518.620	1
6	6	2 ½	99.00	0306037003	\$5,255.810	1
6	6	3	101.20	0306036807	\$3,928.180	1
6	6	4	106.70	0306036609	\$2,700.250	1
6	6	8	150.00	0306042201	\$6,698.100	1
8	4	8	172.00	0306041807	\$9,029.320	1
8	6	6	147.50	0306040809	\$5,069.640	1

Flanged Reducing Tee Fig. 812

Size 1 (in)	Size 2 (in)	Size 3 (in)	Approx Weight EACH (lbs)	Painted Black		Box Quantity
				ITEM#	Price Ea	
8	6	8	186.00	0306040601	\$6,698.100	1
8	8	4	157.30	0306040205	\$5,068.850	1
8	8	6	156.00	0306039801	\$4,218.240	1
10	8	8	255.20	0306043407	\$10,657.730	1
10	10	6	279.00	0306042607	\$11,214.440	1
10	10	8	279.00	0306042409	\$9,642.830	1
12	12	6	364.00	0306044603	\$14,309.920	1
12	12	8	388.00	0306044405	\$16,931.620	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

Flanged Cross Fig. 821



Size (in)	Approx Weight EACH (lbs)	Painted Black		Box Quantity
		ITEM#	Price Ea	
2	28.00	0306055005	\$2,875.330	1
3	53.00	0306055401	\$2,674.550	1
4	96.00	0306055609	\$3,493.540	1
6	142.00	0306056003	\$7,316.470	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

Flanged Lateral Fig. 823



Size (in)	Approx Weight EACH (lbs)	Painted Black		Box Quantity
		ITEM#	Price Ea	
3	52.00	0306050402	\$3,833.000	1
4	79.00	0306050600	\$5,003.600	1
6	146.00	0306051004	\$7,612.190	1

Flanged Lateral Fig. 823

Size (in)	Approx Weight EACH (lbs)	Painted Black		Box Quantity
		ITEM#	Price Ea	
8	236.00	0306051202	\$12,473.080	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

Flanged Concentric Reducer Fig. 825



Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Painted Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
2	1 ½	12.13	0306057506	\$2,790.390	-	-	1
2 ½	1 ½	15.00	0306058009	\$2,790.390	-	-	1
2 ½	2	15.00	0306057803	\$2,023.020	-	-	1
3	1 ½	16.00	0306058603	\$2,846.800	-	-	1
3	2	19.30	0306058405	\$1,606.010	-	-	1
3	2 ½	21.00	0306058207	\$1,606.010	-	-	1
4	2	27.65	0306059601	\$2,145.280	-	-	1
4	2 ½	31.00	0306059403	\$1,941.020	-	-	1
4	3	31.10	0306059205	\$1,804.490	0307059204	\$3,203.210	1
5	3	41.00	0306060005	\$3,173.820	-	-	1
5	4	46.80	0306059809	\$2,790.230	-	-	1
6	2	41.00	0306061102	\$4,852.660	-	-	1
6	2 ½	45.00	0306061003	\$3,670.120	-	-	1
6	3	41.30	0306060807	\$2,781.920	-	-	1
6	4	52.80	0306060609	\$2,416.580	0307060608	\$4,667.020	1
6	5	55.00	0306060401	\$2,654.570	-	-	1
8	4	73.50	0306061706	\$3,503.540	-	-	1
8	5	78.00	0306061607	\$5,507.190	-	-	1
8	6	81.40	0306061409	\$3,041.390	-	-	1
10	6	127.00	0306062209	\$6,831.630	-	-	1
10	8	135.60	0306062001	\$6,272.250	-	-	1
12	8	176.84	0306063009	\$11,957.640	-	-	1
12	10	202.40	0306062803	\$10,818.650	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

* Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

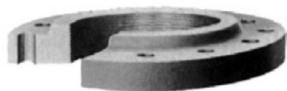
Flanged Eccentric Reducer Fig. 826


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Painted Black		Box Quantity
			ITEM#	Price Ea	
3	2	19.40	0306068602	\$2,422.660	1
3	2 ½	22.00	0306068503	\$2,457.730	1
4	2	28.00	0306069402	\$3,384.290	1
4	2 ½	28.00	0306069204	\$3,408.590	1
4	3	35.00	0306069006	\$2,928.810	1
5	4	49.00	0306069600	\$4,798.370	1
6	3	46.90	0306070202	\$4,617.630	1
6	4	55.10	0306070004	\$2,766.380	1
6	5	61.30	0306069808	\$2,766.380	1
8	4	85.00	0306070806	\$4,752.100	1
8	5	92.00	0306070608	\$4,545.570	1
8	6	91.70	0306070400	\$3,504.260	1
10	6	125.00	0306071200	\$10,469.690	1
10	8	143.80	0306071002	\$8,926.230	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

* Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

IRON FLANGES, STANDARD

Cast Iron Companion Flange Fig. 1011


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
¾	3 ⅞	1.40	0308002005	\$192.650	0309002103	\$358.190	1
1	4 ¼	1.37	0308002203	\$116.930	0309002202	\$264.710	1
1 ¼	4 ⅜	1.84	0308002401	\$139.930	0309002400	\$303.910	1
1 ½	5	2.60	0308002609	\$129.310	0309002608	\$310.920	1
2	6	3.68	0308002807 I	\$129.040	0309002806 I	\$273.420	1
2 ½	7	5.87	0308003003	\$150.970	0309003002	\$319.880	1
3	7 ½	6.98	0308003201	\$194.480	0309003200	\$388.710	1
3 ½	8 ½	10.48	0308003409	\$290.880	-	-	1
4	9	11.17	0308003607	\$262.080	0309003606	\$529.450	1

Cast Iron Companion Flange Fig. 1011

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
5	10	13.15	0308003805	\$370.250	0309003804	\$831.190	1
6	11	16.12	0308004001 □	\$418.890	0309004000 □	\$888.410	1
8	13 ½	26.22	0308004209	\$661.200	0309004208	\$1,542.670	1
10	16	35.75	0308004407	\$1,171.800	0309004406	\$2,323.440	1
12	19	57.00	0308004605	\$2,778.210	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ - Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

Cast Iron Reducing Flange Fig. 1016



Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
1	5	2.75	0308006501	\$345.620	-	-	1
1	6	4.30	0308006907	\$329.430	-	-	1
1	7 ½	9.00	0308007806	\$498.670	-	-	1
1 ¼	5	2.97	0308006600	\$362.830	-	-	1
1 ¼	6	4.75	0308007004	\$315.680	-	-	1
1 ½	6	4.40	0308007202	\$270.190	0309007201 □	\$533.750	1
1 ½	7	6.37	0308007400	\$348.360	0309007409	\$544.590	1
1 ½	7 ½	8.50	0308007905	\$417.650	0309007805	\$827.010	1
1 ½	9	14.75	0308008606	\$616.920	0309008605	\$1,047.620	1
1 ½	11	24.00	0308010008	\$1,085.850	-	-	1
2	7	5.98	0308007608	\$252.760	0309007607	\$588.180	1
2	7 ½	7.52	0308008002	\$337.020	0309008001	\$792.440	1
2	9	13.37	0308008804	\$458.070	0309008803	\$1,110.240	1
2	11	22.05	0308010107	\$837.720	0309010007	\$1,670.370	1
2	13 ½	39.44	0308010909	\$1,535.380	-	-	1
2 ½	7 ½	7.60	0308008200	\$361.650	0309008209	\$827.010	1
2 ½	9	13.00	0308009000	\$491.510	0309009009	\$1,047.620	1
2 ½	11	21.56	0308010206	\$995.300	0309010205	\$1,792.260	1
3	8 ½	10.00	0308008408 □	\$657.000	-	-	1
3	9	12.30	0308009208 □	\$458.070	0309009207	\$1,110.240	1
3	10	17.00	0308009604	\$846.720	0309009603	\$1,323.810	1
3	11	21.20	0308010404	\$837.720	0309010403	\$1,670.370	1
3	13 ½	40.00	0308011006	\$1,535.380	0309011005	\$2,752.250	1
3 ½	9	13.20	0308009307	\$555.570	-	-	1
4	10	16.00	0308009802	\$708.820	0309009801	\$1,423.060	1
4	11	19.63	0308010602	\$690.840	0309010601	\$1,654.020	1
4	13 ½	37.00	0308011204 □	\$1,182.490	0309011203	\$2,454.060	1

Cast Iron Reducing Flange Fig. 1016

Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
5	11	18.50	0308010800	\$875.600	0309010809	\$1,670.370	1
5	13 1/2	34.00	0308011402	\$1,659.650	-	-	1
6	13 1/2	32.51	0308011600	\$1,071.930	0309011609	\$2,637.580	1
6	16	53.00	0308011907	\$3,350.750	-	-	1
6	19	88.00	0308012103	\$3,641.190	-	-	1
8	16	49.22	0308012004	\$3,174.280	-	-	1
8	19	81.00	0308012202	\$3,897.270	-	-	1
12	19	62.70	-	-	0309004604	\$5,114.810	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv * Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

* Faced only, not stocked. Galvanized fittings not stocked in all types and sizes, but may be produced to order.

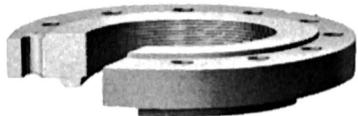
Cast Iron Blind Flange Fig. 1018



OD Size (in)	IPS Size (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
1	4 1/4	2.00	0308015403	\$186.150	0309015402	\$318.850	1
1 1/4	4 5/8	2.25	0308015601	\$196.660	0309015600	\$348.320	1
1 1/2	5	3.13	0308015809	\$208.780	-	-	1
2	6	4.87	0308016005	\$235.880	0309016004	\$369.400	1
2 1/2	7	7.09	0308016203	\$259.260	-	-	1
3	7 1/2	7.92	0308016401	\$310.710	0309016400	\$537.690	1
3 1/2	8 1/2	12.31	0308016609	\$489.940	-	-	1
4	9	16.71	0308016807	\$397.990	0309016806	\$752.570	1
5	10	19.10	0308017003	\$646.650	0309017002	\$1,228.660	1
6	11	23.40	0308017201	\$703.480	0309017200	\$1,304.370	1
8	13 1/2	41.15	0308017409	\$1,103.730	0309017408	\$1,724.370	1
10	16	59.00	0308017607	\$1,632.820	-	-	1
12	19	88.00	0308017805	\$3,300.030	-	-	1

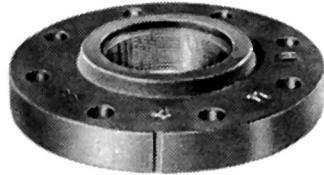
Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

IRON FLANGES, EXTRA HEAVY

X.H. Cast Iron Companion Flange Fig. 1025


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Galvanized		Box Quantity
			ITEM#	Price Ea	ITEM#	Price Ea	
1 1/4	5 1/4	4.16	0308500107	\$443.700	-	-	1
1 1/2	6 1/8	5.75	0308500206	\$520.950	-	-	1
2	6 1/2	5.76	0308500305	\$396.490	0309500403	\$908.390	1
2 1/2	7 1/2	9.20	0308500404	\$570.410	0309500601	\$1,089.250	1
3	8 1/4	12.66	0308500602	\$620.210	0309500809	\$1,296.530	1
4	10	20.79	0308501006	\$1,006.990	0309501203	\$1,754.430	1
5	11	24.00	0308501105	\$1,350.290	-	-	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

X.H. Cast Iron Reducing Flange Fig. 1030


Size 1 (in)	Size 2 (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
2	8 1/4	14.25	0308502400	\$1,264.110	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

X.H. Cast Iron Blind Flange Fig. 1021



OD Size (in)	IPS Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
			ITEM#	Price Ea	
7 1/2	2 1/2	11.00	0308506005	\$764.080	1
8 1/4	3	14.00	0308506203	\$876.890	1
10	4	23.00	0308506609	\$1,281.370	1
12 1/2	6	42.00	0308507003	\$2,206.890	1
15	8	70.00	0308507201	\$3,555.850	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

SAFETY VALVE DISCHARGE ELBOWS

Screwed Cast Iron Fig. 1538



Size (in)	Approx Weight EACH (lbs)	Black		Box Quantity
		ITEM#	Price Ea	
2 1/2	12.25	0300300050	\$3,450.140	1
3	16.28	0300300100	\$3,704.070	1
4	27.69	0300300209	\$4,996.650	1

Weights are for black fittings | For galvanized, add 100% to the black list price unless the galvanized list price is listed | ▲ Extended lead times and / or minimum order quantities | □ – Sold in box only, blk / galv

Numerical Index

Group1 Items

0300001005	4	0300000809	4	0300000601.....	4	0300000403.....	4	0300000205.....	4
0300002003.....	4	0300001807.....	4	0300001609	4	0300001401	4	0300001203	4
0300003001.....	4	0300002805	4	0300002607	4	0300002409	4	0300002201	4
0300012002.....	5	0300201209	4	0300200805	4	0300200409	4	0300200201	4
0300013208.....	5	0300012408	5	0300012606	5	0300012200	5	0300011806	5
0300013604.....	5	0300013802	5	0300014008	5	0300012804	5	0300013000	5
0300014404.....	5	0300014602	5	0300014800	5	0300015005	5	0300013406	5
0300015203.....	5	0300015401	5	0300015609	5	0300015807	5	0300014206	5
0300017605.....	5	0300017209	5	0300016003	5	0300016201	5	0300016409	5
0300018603.....	5	0300018801	5	0300018504	5	0300017803	5	0300017407	5
0300028602.....	6	0300028503	6	0300028404	6	0300028305	6	0300028206	6
0300029105.....	6	0300029006	6	0300028909	6	0300028800	6	0300028701	6
0300030004.....	6	0300029600	6	0300029501	6	0300029303	6	0300029204	6
0300030509.....	6	0300030400	6	0300030301	6	0300030202	6	0300030103	6
0300031804.....	7	0300031606	7	0300031408	7	0300031200	7	0300029840	7
0300032802.....	7	0300032604	7	0300032406	7	0300032208	7	0300032000	7
0300033800.....	7	0300033602	7	0300033404	7	0300033206	7	0300033008	7
0300039005.....	8	0300035805	8	0300035201	8	0300035003	8	0300034006	7
0300036803.....	8	0300039500	8	0300035607	8	0300036209	8	0300036001	8
0300037603.....	8	0300037801	8	0300038007	8	0300038403	8	0300038809	8
0300039203.....	8	0300036902	8	0300037009	8	0300037207	8	0300037405	8
0300041902.....	8	0300038601	8	0300036407	8	0300046000	8	0300042009	8
0300041001.....	8	0300041209	8	0300041407	8	0300041605	8	0300041621	8
0300045804.....	8	0300040201	8	0300040409	8	0300040607	8	0300040805	8
0300045606.....	9	0300039609	8	0300039807	8	0300040003	8	0300052008	8
0300044807.....	9	0300045002	9	0300045341	9	0300045408	9	0300051802	9
0300051604.....	9	0300044005	9	0300044203	9	0300044401	9	0300044609	9
0300043007.....	9	0300043205	9	0300043403	9	0300043601	9	0300043809	9
0300042207.....	9	0300042405	9	0300042603	9	0300042801	9	0300051406	9
0300050606.....	9	0300050804	9	0300051000	9	0300057809	9	0300051208	9
0300049806.....	9	0300050002	9	0300050200	9	0300050408	9	0300050507	9
0300049004.....	9	0300049202	9	0300049400	9	0300057627	9	0300049608	9
0300048204.....	9	0300057601	9	0300048402	9	0300048600	9	0300048808	9
0300047206.....	9	0300047404	9	0300047602	9	0300047800	9	0300048006	9
0300046406.....	10	0300046604	10	0300046802	10	0300047008	10	0300057403	9
0300056405.....	10	0300056801	10	0300064201	10	0300057205	10	0300046208	10
0300055209.....	10	0300055407	10	0300055605	10	0300056009	10	03000556207	10
0300054202.....	10	0300054400	10	0300054608	10	0300054806	10	03000555001	10
0300063401.....	10	0300053600	10	0300053402	10	0300053808	10	0300054004	10
0300052404.....	10	0300052602	10	0300052800	10	0300053006	10	0300053204	10
0300062007.....	10	0300062403	10	0300062809	10	0300078409	10	0300052206	10
0300060803.....	10	0300061009	10	0300061207	10	0300061405	10	0300061603	10
0300059607.....	10	0300059805	10	0300060001	10	0300060209	10	0300060407	10
0300058401.....	11	0300058609	11	0300058807	10	0300059003	10	0300059409	10
0300064805.....	11	0300065000	11	0300078003	11	0300058005	11	0300058203	11
0300075405.....	11	0300075603	11	0300076403	11	0300076809	11	0300071602	11
0300071404.....	11	0300073400	11	0300074002	11	0300073806	11	0300074804	11
0300070406.....	11	0300070604	11	0300070802	11	0300071008	11	0300071206	11
0300079209.....	11	0300079605	11	0300079407	11	0300092806	11	0300084209	11
0300085800.....	11	0300086204	11	0300086402	11	0300089604	11	0300078805	11
0300109204.....	12	0300109006	12	0300108800	12	0300108701	12	0300085602	11
0300110202.....	12	0300110004	12	0300109808	12	0300109600	12	0300109402	12
0300112000.....	12	0300112307	12	0300112604	12	0300111804	12	0300111606	12
0300113404.....	12	0300113602	12	0300113800	12	0300111960	12	0300111986	12
0300115409.....	13	0300116001	12	0300112802	12	0300113008	12	0300113206	12
0300117207.....	13	0300114204	13	0300114600	13	0300114808	13	0300115201	13
0308300607.....	13	0308300409	13	0300147998	13	0300124807	13	0300116803	13
0308301605.....	13	0308301407	13	0308301209	13	0308301001	13	0308300805	13
0308302603.....	14	0308302405	14	0308302207	14	0308302009	14	0308301803	13
0300149408.....	14	0300149606	14	0300148806	14	0300149002	14	0300148467	14
0300149804.....	14	0300150000	14	0300150208	14	0300150406	14	0300149200	14
0300150604.....	14	0300150703	14	0300150802	14	0300150901	14	0300151008	14

Numerical Index

Group1 Items

0300151404.....	14	0300151503.....	14	0300151586.....	14	0300151107.....	14	0300151206.....	14
0300152204.....	14	0300152006.....	14	0300151768.....	14	0300151800.....	14	0300151909.....	14
0300152600.....	15	0300152808.....	15	0300152469.....	15	0300152329.....	14	0300152105.....	14
0300154002.....	15	0300154200.....	15	0300153004.....	15	0300153202.....	15	0300153400.....	15
0300154804.....	15	0300155009.....	15	0300155207.....	15	0300153608.....	15	0300153806.....	15
0300155603.....	15	0300155801.....	15	0300156007.....	15	0300154408.....	15	0300154606.....	15
0300156403.....	15	0300156601.....	15	0300156809.....	15	0300157005.....	15	0300155405.....	15
0300159001.....	15	0300159209.....	15	0300159407.....	15	0300157609.....	15	0300156205.....	15
0300161403.....	16	0300159803.....	16	0300160207.....	15	0300158607.....	15	0300158805.....	15
0318907482	16	0318907524.....	16	0318907565.....	16	0318907607.....	16	0300161007.....	16
0318907805.....	16	0318907847.....	16	0318907888.....	16	0318907920.....	16	0318907441	16
0318908126.....	16	0318908167.....	16	0318908209.....	16	0318907722	16	0318907763	16
0318908407.....	16	0318908449.....	16	0318908480.....	16	0318908043.....	16	0318908084	16
0318908720.....	16	0318908241.....	16	0318908282.....	16	0318908324.....	16	0318908365	16
0318908522.....	16	0318908563.....	16	0318908605.....	16	0318908647.....	16	0318908688	16
0318908845.....	17	0318908886.....	17	0318908928.....	17	0318908969.....	17	0318909009	17
0318909124.....	17	0318909165.....	17	0318909207.....	17	0318908761.....	17	0318908803	17
0318909363.....	17	0318909405.....	17	0318909447.....	17	0318909041.....	17	0318909082	17
0318909520.....	17	0318909561.....	17	0318909645.....	17	0318909249.....	17	0318909280	17
0318912482	17	0318912201.....	17	0318909686.....	17	0318909728.....	17	0318909488	17
0318902566	18	0318902525.....	18	0318902483.....	18	0318902442	18	0318902400	18
0318901808.....	18	0318902723.....	18	0318902681.....	18	0318902640.....	18	0318902608	18
0318902004.....	18	0318901964.....	18	0318901923.....	18	0318901881	18	0318901840	18
0318903242.....	19	0318903200.....	19	0318902129.....	18	0318902087.....	18	0318902046	18
0318903085.....	19	0318903044	19	0318903002.....	19	0318903325.....	19	0318903283	19
0318905007.....	20	0318904968.....	20	0318904927.....	20	0318904844.....	20	0318904760	19
0318900883.....	20	0318900800.....	20	0318905122.....	20	0318905080.....	20	0318905049	20
0318913720.....	20	0318901246.....	20	0318901204.....	20	0318901121.....	20	0318901048	20
0300500808.....	21	0300500600.....	21	0300500204.....	21	0318913845.....	20	0318913803	20
0300501806.....	21	0300501608.....	21	0300501400.....	21	0300501202.....	21	0300501004	21
0300504602.....	21	0300504404.....	21	0300504206.....	21	0300504008.....	21	0300502002	21
0300507605.....	22	0300507407.....	22	0300505203.....	21	0300505005.....	21	0300504800	21
0300508603.....	22	0300508405.....	22	0300508207.....	22	0300508009.....	22	0300507803	22
0300511409.....	22	0300511201.....	22	0300509601.....	22	0300509205.....	22	0300508801	22
0300512209.....	23	0300512407.....	22	0300512605.....	22	0300511805.....	22	0300512001	22
0302901103.....	23	0300512803.....	23	0300513009.....	23	0300513207.....	23	0300513405	23
0302904107.....	24	0302903109.....	23	0302901509.....	23	0302901400.....	23	0302901202	23
0302906201.....	24	0302906102.....	24	0302904503.....	24	0302904404.....	24	0302904206	24
0302909502.....	25	0302909403.....	25	0302909205.....	25	0302909106.....	25	0302907100	24
0302914205.....	26	0302914106.....	26	0302913207.....	26	0302913108.....	26	0302911102	25
0302918107.....	27	0302917703.....	27	0302917604.....	27	0302917208	27	0302917109	27
0302925409.....	28	0302925201.....	28	0302925102.....	28	0302920202.....	28	0302918206	27
0302934104.....	29	0302931100.....	29	0302926308.....	29	0302926605.....	29	0302925508	28
0302942404.....	30	0302942206.....	30	0302942107.....	30	0302936109.....	30	0302934203	29
0302960109.....	31	0302948104.....	31	0302945001.....	30	0302944103.....	30	0302942503	30
0302959408.....	32	0302959101.....	32	0302955505.....	32	0302955208.....	32	0302955109	32
0306000605.....	33	0306000407.....	33	0306000209.....	33	0302962105.....	32	0302962006	32
0306001801.....	33	0306001603	33	0306001405.....	33	0306001207.....	33	0306000803	33
0306019605.....	33	0306019407.....	33	0306019209.....	33	0306002205.....	33	0306002007	33
0306020801.....	34	0306020603.....	34	0306020405.....	34	0306020207.....	34	0306020009	33
0306005208.....	34	0306004607.....	34	0306004805.....	34	0306004409.....	34	0306021007	34
0306006008.....	34	0306006206.....	34	0306006404.....	34	0306005604.....	34	0306005000	34
0306007808.....	34	0306007204.....	34	0306006602.....	34	0306006800.....	34	0306007006	34
0306010604.....	35	0306010208.....	35	0306009804.....	35	0306009408.....	35	0306007600	34
0306027400.....	36	0306027202.....	36	0306023409.....	35	0306023003.....	35	0306011008	35
0306028606.....	36	0306028408.....	36	0306028200.....	36	0306027806.....	36	0306027608	36
0306033200.....	36	0306031808.....	36	0306029208.....	36	0306029000.....	36	0306028804	36
0306037201.....	36	0306038001.....	36	0306038209.....	36	0306039603.....	36	0306032806	36
0306041807.....	36	0306042201.....	36	0306036609.....	36	0306036807.....	36	0306037003	36
0306043407.....	37	0306039801.....	37	0306040205.....	37	0306040601.....	37	0306040809	36
0306055005.....	37	0306044405.....	37	0306044603.....	37	0306042409.....	37	0306042607	37
0306050600.....	37	0306050402.....	37	0306056003.....	37	0306055609.....	37	0306055401	37

Numerical Index

Group1 Items

0306057803.....	38	0306058009.....	38	0306057506.....	38	0306051202.....	37	0306051004.....	37
0306059403.....	38	0306059601.....	38	0306058207.....	38	0306058405.....	38	0306058603.....	38
0306061003.....	38	0306061102.....	38	0306059809.....	38	0306060005.....	38	0306059205.....	38
0306061607.....	38	0306061706.....	38	0306060401.....	38	0306060609.....	38	0306060807.....	38
0306062803.....	38	0306063009.....	38	0306062001.....	38	0306062209.....	38	0306061409.....	38
0306069006.....	39	0306069204.....	39	0306069402.....	39	0306068503.....	39	0306068602.....	39
0306070806.....	39	0306069808.....	39	0306070004.....	39	0306070202.....	39	0306069600.....	39
0308002005.....	39	0306071002.....	39	0306071200.....	39	0306070400.....	39	0306070608.....	39
0308003003.....	39	0308002807.....	39	0308002609.....	39	0308002401.....	39	0308002203.....	39
0308004001.....	40	0308003805.....	40	0308003607.....	39	0308003409.....	39	0308003201.....	39
0308006907.....	40	0308006501.....	40	0308004605.....	40	0308004407.....	40	0308004209.....	40
0308007400.....	40	0308007202.....	40	0308007004.....	40	0308006600.....	40	0308007806.....	40
0308008002.....	40	0308007608.....	40	0308010008.....	40	0308008606.....	40	0308007905.....	40
0308009000.....	40	0308008200.....	40	0308010909.....	40	0308010107.....	40	0308008804.....	40
0308010404.....	40	0308009604.....	40	0308009208.....	40	0308008408.....	40	0308010206.....	40
0308011204.....	40	0308010602.....	40	0308009802.....	40	0308009307.....	40	0308011006.....	40
0308012103.....	41	0308011907.....	41	0308011600.....	41	0308011402.....	41	0308010800.....	41
0308015809.....	41	0308015601.....	41	0308015403.....	41	0308012202.....	41	0308012004.....	41
0308016807.....	41	0308016609.....	41	0308016401.....	41	0308016203.....	41	0308016005.....	41
0308017805.....	41	0308017607.....	41	0308017409.....	41	0308017201.....	41	0308017003.....	41
0308500602.....	42	0308500404.....	42	0308500305.....	42	0308500206.....	42	0308500107.....	42
03085056203.....	43	0308506005.....	43	0308502400.....	42	0308501105.....	42	0308501006.....	42
0300300100.....	43	0300300050.....	43	0308507201.....	43	0308507003.....	43	0308506609.....	43
								0300300209.....	43

Group2 Items

0309301000.....	13	0309300804.....	13	0309300606.....	13	0309300408.....	13	0301029849.....	6
0309302404.....	14	0309302008.....	14	0309301604.....	13	0309301406.....	13	0309301208.....	13
0319907481.....	16	0319907523.....	16	0319907564.....	16	0319907606.....	16	0309302602.....	14
0319907804.....	16	0319907846.....	16	0319907887.....	16	0319907929.....	16	0319907440.....	16
0319908125.....	16	0319908166.....	16	0319908208.....	16	0319907721.....	16	0319907762.....	16
0319908406.....	16	0319908448.....	16	0319908489.....	16	0319908042.....	16	0319908083.....	16
0319908729.....	16	0319908240.....	16	0319908281.....	16	0319908323.....	16	0319908364.....	16
0319908521.....	16	0319908562.....	16	0319908604.....	16	0319908646.....	16	0319908687.....	16
0319908844.....	17	0319908885.....	17	0319908927.....	17	0319908968.....	17	0319909008.....	17
0319909123.....	17	0319909164.....	17	0319909206.....	17	0319908760.....	17	0319908802.....	17
0319909248.....	17	0319909289.....	17	0319909362.....	17	0319909446.....	17	0319909040.....	17
0319902524.....	18	0319902482.....	18	0319902441.....	18	0319902409.....	18	0319909487.....	17
0319902722.....	18	0319902680.....	18	0319902649.....	18	0319902607.....	18	0319902565.....	18
0319901963.....	18	0319901922.....	18	0319901880.....	18	0319901849.....	18	0319901807.....	18
0319903241.....	19	0319903209.....	19	0319902086.....	18	0319902045.....	18	0319902003.....	18
0319904926.....	20	0319904843.....	20	0319904769.....	19	0319903324.....	19	0319903282.....	19
0303901201.....	23	0303901102.....	23	0319901245.....	20	0319901203.....	20	0319904967.....	20
0303909105.....	25	0303904205.....	24	0303904106.....	24	0303901508.....	23	0303901409.....	23
0303913107.....	26	0303911101.....	25	0303909501.....	25	0303909402.....	25	0303909204.....	25
0303917702.....	27	0303917603.....	27	0303917207.....	27	0303917108.....	27	0303913206.....	26
0303925408.....	28	0303925200.....	28	0303925101.....	28	0303918205.....	27	0303918106.....	27
0303942403.....	30	0303942205.....	30	0303942106.....	30	0303934202.....	29	0303925507.....	28
0303959407.....	32	0303959100.....	32	0303960108.....	31	0303944102.....	30	0303942502.....	30
0307001800.....	33	0307001602.....	33	0307001206.....	33	0307000802.....	33	0307000604.....	33
0307028209.....	36	0307027805.....	36	0307020404.....	34	0307020008.....	33	0307019604.....	33
0309002103.....	39	0307060608.....	38	0307059204.....	38	0307028803.....	36	0307028605.....	36
0309003002.....	39	0309002806.....	39	0309002608.....	39	0309002400.....	39	0309002202.....	39
0309004208.....	40	0309004000.....	40	0309003804.....	40	0309003606.....	39	0309003200.....	39
0309008605.....	40	0309007805.....	40	0309007409.....	40	0309007201.....	40	0309004406.....	40
0309008209.....	40	0309010007.....	40	0309008803.....	40	0309008001.....	40	0309007607.....	40
0309010403.....	40	0309009603.....	40	0309009207.....	40	0309010205.....	40	0309009009.....	40
0309010809.....	41	0309011203.....	40	0309010601.....	40	0309009801.....	40	0309011005.....	40
0309016004.....	41	0309015600.....	41	0309015402.....	41	0309004604.....	41	0309011609.....	41
0309017408.....	41	0309017200.....	41	0309017002.....	41	0309016806.....	41	0309016400.....	41
		0309501203.....	42	0309500809.....	42	0309500601.....	42	0309500403.....	42