

# MALLEABLE FITTINGS

NIPPLES AND FITTINGS

## MALLEABLE FITTINGS



- Saturated steam pressure 150 PSI @ 350°F
- Max pressure 300 PSI @ 150°F
- Temp range -20°F to 350°F

### ISO 9002 - CERTIFICATE OF QUALITY - UL/FM LISTED

Our quality fittings are made with care and attention to detail. With better molds we can reduce parting lines and rough edges resulting in better fluid flow. By using a low temperature galvanizing process the coating is more durable which means a longer lasting fitting. All Fittings are 100% Pressure Tested to 300# Class.

*(Every fitting is subjected to an underwater fitness test to ensure the highest quality)*

### SPECIFICATIONS

- MATERIAL: ASTM A 197 - Cuppla Malleable Iron, ASTM A 153 - Hot dipped galvanizing • Coating ASTM A164 LS
- DIMENSIONS: ANSI B 16.3 - Malleable Iron threaded fittings, ANSI B 16.14 - Ferrous Pipe Plugs, Bushings etc..., ANSI B 16.39 - Malleable Iron threaded pipe unions.
- THREADS: ANSI B 2.1 or BS 21 ASME B1.20.1 • RoHS Compliant • Tapered Threads
- Pressure - Saturated steam 150 PSI @350°F: Max pressure 300 PSI - 150°F
- Temperature range -20 - 350°F

### MALLEABLE IRON - ANSI B

F°	16.3			
	Class	Sizes	Sizes	Sizes
	150	1/4-1	1 1/4-2	2 1/4-3
	PSIG	300#	300#	300#
-200-	300	2000	1500	1000
150				
200	265	1785	1350	910
250	225	1575	1200	825
300	185	1360	1050	735
366*	150	1150	900	650

\*Permissible for service temperature up to 366°F, reflecting the temperature of saturated steam at 150 psig.

SEE [MIDLANDINDUSTRIES.COM](http://MIDLANDINDUSTRIES.COM) FOR MORE SIZES AND CONFIGURATIONS

### STEEL FITTINGS



- 1010 Carbon Steel, 3/4 taper threads ( see hydraulic section for 7/8 taper threads.)
- Finish or coating • Black Dipped in rust resistant
- Galvanized, Zinc Plated (Inside and Out)

### 300lb MALLEABLE FITTINGS



**Max. pressure: 300 psi WOG @ 72°F; 150 psi WOG saturated steam**

- Meet ANSI/ ASME B1.20.1 standards
- Black meet ASTM 197 standards

### BULL PLUGS AND SWAGES



### FLANGES



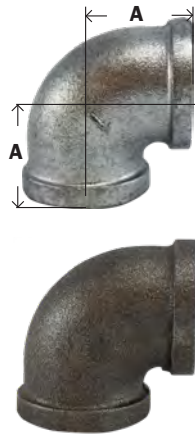
**WARNING:** This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

NIPPLES & FITTINGS

# BLACK AND GALVANIZED IRON #150

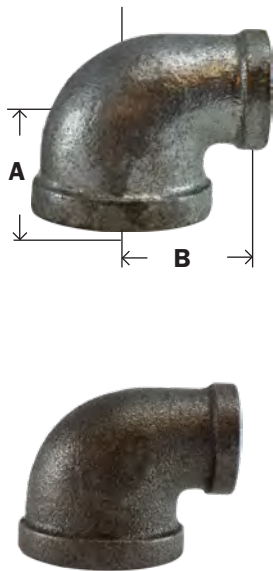
## NIPPLES AND FITTINGS

### ELBOWS 90°



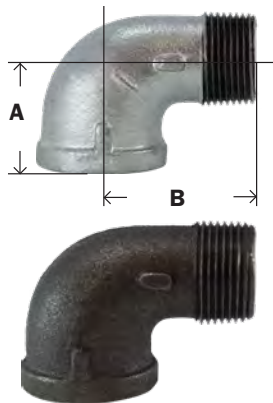
Part # Galvanized		Size	A	Box/Case	Approx. Wt. Lbs.	Part # Black	
64100	----	1/8"	0.69	50/600	0.07	65100	----
64101	----	1/4"	0.81	35/420	0.10	65101	----
64102	----	3/8"	0.95	90/360	0.16	65102	----
64103	----	1/2"	1.12	50/200	0.23	65103	----
64104	----	3/4"	1.31	35/105	0.35	65104	----
64105	----	1"	1.50	20/60	0.57	65105	----
64106	----	1-1/4"	1.75	20/40	0.86	65106	----
64107	----	1-1/2"	1.94	15/30	1.31	65107	----
64108	----	2"	2.25	8/16	1.79	65108	----
64109	----	2-1/2"	2.70	6/12	3.35	65109	----
64110	----	3"	3.08	4/8	5	65110	----
64112	----	4"	3.79	1/2	9.02	65112	----
64114	----	6"	5.13	1/1	23.68	65114	----
		8"			41.1	65115	----

### REDUCING ELBOWS 90°



PART # GALVANIZED		SIZE	A	B	BOX/CASE	APPROX. WT. LBS.	PART # BLACK	
64122	----	3/8" x 1/4"	0.88	0.90	90/360	0.16	65122	----
64123	----	1/2" x 1/4"	0.97	0.98	60/240	0.21	65123	----
64124	----	1/2" x 3/8"	1.04	1.03	60/240	0.24	65124	----
64126	----	3/4" x 3/8"	1.12	1.13	40/160	0.31	65126	----
64127	----	3/4" x 1/2"	1.20	1.22	40/160	0.44	65127	----
64130	----	1" x 1/2"	1.26	1.40	25/100	0.52	65130	----
64131	----	1" x 3/4"	1.37	1.45	50/100	0.58	65131	----
64133	----	1-1/4" x 3/4"	1.45	1.62	15/120	0.79	65133	----
64134	----	1-1/4" x 1"	1.58	1.67	10/40	0.80	65134	----
64136	----	1-1/2" x 3/4"	1.52	1.75	10/40	0.88	65136	----
64137	----	1-1/2" x 1"	1.65	1.80	10/40	1.07	65137	----
64138	----	1-1/2" x 1-1/4"	1.82	1.88	15/30	1.12	65138	----
		2" x 3/4"					65139	----
64140	----	2" x 1"	1.73	2.02	14/28	1.41	65140	----
64141	----	2" x 1-1/4"	1.90	2.10	10/20	1.53	65141	----
64142	----	2" x 1-1/2"	2.02	2.16	10/20	1.65	65142	----
64145	----	2-1/2" x 1-1/2"	2.16	2.51	6/12	2.97	65145	----
64146	----	2-1/2" x 2"	2.39	2.60	6/12	3.18	65146	----
64148	----	3" x 1-1/2"	2.28	2.83	6/18	4.54	65148	----

### 90° STREET ELBOWS



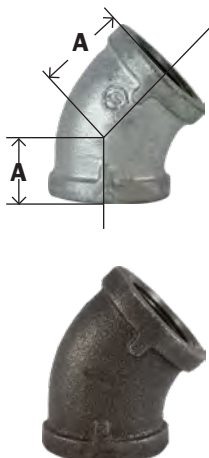
PART # GALVANIZED		SIZE	A	B	BOX/CASE	APPROX. WT. LBS.	PART # BLACK	
64160	----	1/8"	0.69	1.00	60/720	.06	65160	----
64161	----	1/4"	0.80	1.17	35/420	.10	65161	----
64162	----	3/8"	0.95	1.48	40/240	.15	65162	----
64163	----	1/2"	1.10	1.59	60/180	.22	65163	----
64164	----	3/4"	1.28	1.85	35/105	.39	65164	----
64165	----	1"	1.47	2.10	35/105	.60	65165	----
64166	----	1-1/4"	1.75	2.57	25/50	.95	65166	----
64167	----	1-1/2"	1.90	2.63	9/27	1.37	65167	----
64168	----	2"	2.21	3.19	8/16	2.25	65168	----
64169	----	2-1/2"	2.65	3.78	5/10	3.32	65169	----
64170	----	3"	3.02	4.42	4/8	5.27	65170	----
64171	----	4"	3.72	5.57	2/4	8.94	65171	----

**WARNING:** This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# BLACK AND GALVANIZED IRON #150

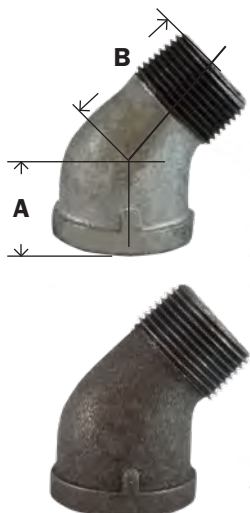
## NIPPLES AND FITTINGS

### ELBOWS 45°



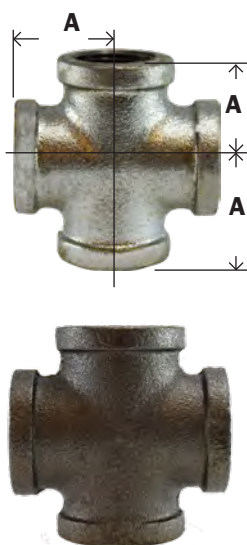
PART # GALVANIZED		SIZE	A	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
64180	----	1/8"	0.63	50/600	.07	65180	----
64181	----	1/4"	0.73	30/360	.10	65181	----
64182	----	3/8"	0.80	75/300	.14	65182	----
64183	----	1/2"	0.88	50/200	.21	65183	----
64184	----	3/4"	0.98	40/120	.33	65184	----
64185	----	1"	1.12	20/60	.50	65185	----
64186	----	1-1/4"	1.29	20/40	.74	65186	----
64187	----	1-1/2"	1.43	10/30	1.01	65187	----
64188	----	2"	1.68	12/24	1.53	65188	----
64189	----	2-1/2"	1.95	9/18	2.78	65189	----
64190	----	3"	2.17	1/10	4.49	65190	----
64191	----	4"	2.61	2/4	7.44	65191	----
64192	----	6"	3.46	1/1	18.63	65192	----
		8"			26.40	65194	----

### 45° STREET ELBOWS



PART # GALVANIZED		SIZE	A	B	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
64200	----	1/8"	0.63	0.83	70/840	.05	65200	----
64201	----	1/4"	0.73	0.94	40/480	.09	65201	----
64202	----	3/8"	0.80	1.03	100/400	.14	65202	----
64203	----	1/2"	0.86	1.30	75/225	.19	65203	----
64204	----	3/4"	0.96	1.48	40/120	.28	65204	----
64205	----	1"	1.10	1.69	25/75	.48	65205	----
64206	----	1-1/4"	1.26	1.87	10/40	.71	65206	----
64207	----	1-1/2"	1.40	2.05	10/30	1.02	65207	----
64208	----	2"	1.65	2.38	12/24	1.68	65208	----
64209	----	2-1/2"	1.95	2.72	6/12	2.69	65209	----
64210	----	3"	2.17	3.16	3/6	4.61	65210	----
64211	----	4"	2.61	3.90	2/4	7.74	65211	----

### CROSSES



PART # GALVANIZED		SIZE	A	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
64390	----	1/8"	0.65	50/600	.14	65390	----
64391	----	1/4"	0.80	60/240	.17	65391	----
64392	----	3/8"	0.95	50/150	.26	65392	----
64393	----	1/2"	1.12	30/90	.42	65393	----
64394	----	3/4"	1.31	20/60	.64	65394	----
64395	----	1"	1.50	15/30	.98	65395	----
64396	----	1-1/4"	1.75	10/20	1.45	65396	----
64397	----	1-1/2"	1.94	8/16	1.90	65397	----
64398	----	2"	2.25	5/10	2.96	65398	----
64399	----	2-1/2"	2.71	4/8	5.49	65399	----
64400	----	3"	3.06	2/4	7.71	65400	----
		4"		1/1	14.77	65401	----

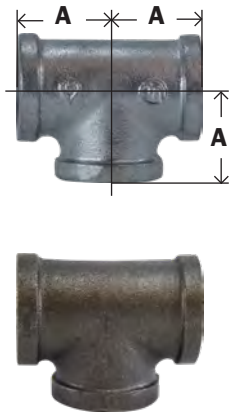
**WARNING:** This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

NIPPLES & FITTINGS

# BLACK AND GALVANIZED IRON #150

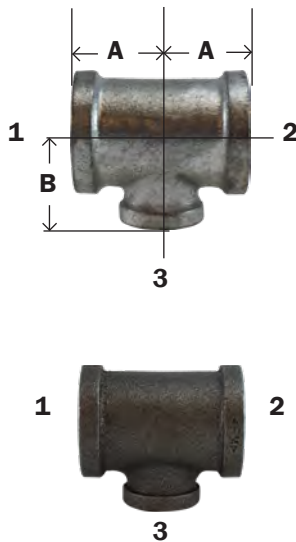
## NIPPLES AND FITTINGS

### TEES



PART # GALVANIZED		SIZE	A	BOX/CASE	APPROX. WT. LBS.	PART # BLACK	
64250	----	1/8"	0.69	120/480	.11	65250	----
64251	----	1/4"	0.81	75/300	.15	65251	----
64252	----	3/8"	0.95	45/180	.22	65252	----
64253	----	1/2"	1.12	40/120	.36	65253	----
64254	----	3/4"	1.31	35/70	.48	65254	----
64255	----	1"	1.50	20/40	.83	65255	----
64256	----	1-1/4"	1.75	14/28	1.29	65256	----
64257	----	1-1/2"	1.94	12/24	1.66	65257	----
64258	----	2"	2.26	8/16	2.50	65258	----
64259	----	2-1/2"	2.70	4/8	4.45	65259	----
64260	----	3"	3.08	1/6	6.72	65260	----
64261	----	4"	3.79	1/2	11.31	65261	----
64262	----	6"	5.13	1/1	30.75	65262	----
		8"			37.85	65264	----

### REDUCING TEES (SAME SIZE ON RUN, REDUCING ON BRANCH)



PART # GALVANIZED		SIZE (1&2) X 3	A	B	BOX/CASE	APPROX. WT. LBS.	PART # BLACK	
64273	----	3/8" x 1/4"	0.81	0.90	25/300	.18	65273	----
64276	----	1/2" x 1/4"	0.97	0.98	40/160	.24	65276	----
64279	----	1/2" x 3/8"	1.04	1.03	40/160	.35	65279	----
64282	----	3/4" x 1/4"	1.05	1.08	25/100	.43	65282	----
64283	----	3/4" x 3/8"	1.12	1.13	25/100	.39	65283	----
64286	----	3/4" x 1/2"	1.20	1.18	20/80	.49	65286	----
64268	----	1" x 1/4"	1.11	1.22	20/80	.51	65268	----
64269	----	1" x 3/8"	1.18	1.27	15/60	.55	65269	----
64291	----	1" x 1/2"	1.26	1.40	15/60	.63	65291	----
64298	----	1" x 3/4"	1.37	1.45	12/48	.71	65298	----
64301	----	1-1/4" x 1/2"	1.34	1.45	20/40	.91	65301	----
64303	----	1-1/4" x 3/4"	1.45	1.62	20/40	.99	65303	----
64306	----	1-1/4" x 1"	1.58	1.66	20/40	1.07	65306	----
64721	----	1-1/2" x 1/2"				1.12	65721	----
64316	----	1-1/2" x 3/4"	1.41	1.75	15/30	1.23	65316	----
64318	----	1-1/2" x 1"	1.65	1.88	10/30	1.33	65318	----
64322	----	1-1/2" x 1-1/4"	1.65	1.88	12/24	1.52	65322	----
64327	----	2" x 1/2"	1.49	1.88	10/20	1.64	65327	----
64328	----	2" x 3/4"	1.60	1.97	10/20	1.71	65328	----
64330	----	2" x 1"	1.73	2.02	10/20	1.88	65330	----
64334	----	2" x 1-1/4"	1.86	2.06	8/16	2.03	65334	----
64336	----	2" x 1-1/2"	1.98	2.12	8/16	2.22	65336	----
		2-1/2" x 1"				2.85	65342	----
64343	----	2-1/2" x 1-1/2"	2.16	2.51	5/10	2.97	65343	----
64729	----	3" x 1"	2.00	2.00	3/6	4.15		
		3" x 1-1/2"				5.19	65359	----
64351	----	3" x 2"	2.52	2.89	3/6	5.35	65351	----

### BULLHEAD TEES



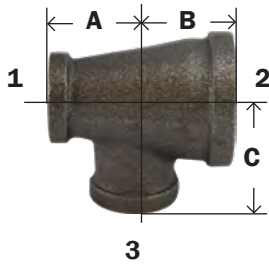
PART # GALVANIZED		SIZE (1&2) X 3	A	B	BOX/CASE	APPROX. WT. LBS.	PART # BLACK	
64280	----	1/2" x 3/4"	1.22	1.20	30/120	.4	65280	----
64733	----	1/2" x 1"	1.36	1.26	25/100	.50	65733	----
64289	----	3/4" x 1"	1.45	1.37	20/120	.60	65289	----
64299	----	1" x 1-1/4"	1.67	1.58	15/30	.96	65299	----
64300	----	1" x 1-1/2"	1.80	1.65	9/36	1.11	65300	----
64317	----	1-1/4" x 1-1/2"	1.88	1.82	12/24	1.07	65317	----
64319	----	1-1/2" x 2"	2.12	1.98	8/32	2.10	65-319	----
65335		2" x 1 1/4" x 2"						

WARNING: This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# BLACK AND GALVANIZED IRON #150

## NIPPLES AND FITTINGS

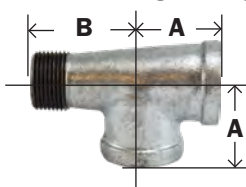
### REDUCING TEES REDUCING ON RUN



PART #	SIZE 1 X 2 X 3	A	B	C	BOX/ CASE	APPROX. WT. LBS.		PART # BLACK
64287	3/4" x 1/2" x 1/2"	1.18	1.18	1.20	25/100	0.39	----	65287
64288	3/4" x 1/2" x 3/4"	1.28	1.20	1.28	20/80	0.49	----	65288
	1" x 1/2" x 1/2"	1.31	1.22	1.31	20/80	0.51	----	65292
	1" x 1/2" x 3/4"	1.22	1.37	1.45	20/80	0.53	----	65293
64294	1" x 1/2" x 1"	1.40	1.50	1.50	15/60	0.54	----	65294
	1" x 3/4" x 1/2"	1.20	1.26	1.40	20/80	0.58	----	65295
64296	1" x 3/4" x 3/4"	1.34	1.28	1.42	15/60	0.63	----	65296
64297	1" x 3/4" x 1"	1.45	1.50	1.50	15/60	0.62	----	65297
	1-1/4" x 1/2" x 1/2"							65304
	1-1/4" x 1/2" x 1"							65311
	1-1/4" x 1/2" x 1 1/4"							65314
	1-1/4" x 3/4" x 3/4"	1.31	1.45	1.64	10/40	0.66	----	65347
	1-1/4" x 3/4" x 1"							65348
	1-1/4" x 3/4" x 1-1/4"	1.62	1.75	1.75	10/40	1.14	----	65305
64309	1-1/4" x 1" x 1"	1.55	1.47	1.63	20/40	1.00	----	65309
	1-1/4" x 3/4" x 1/2"	1.31	1.45	1.64	20/40	1.05	----	65346
	1-1/4" x 1" x 1/2"	1.26	1.34	1.53	20/40	1.10	----	65349
	1-1/4" x 1" x 3/4"						----	65350
	1-1/4" x 1" x 1-1/4"	1.30	1.36	1.44	15/30	1.21	----	65310
	1-1/2" x 3/4" x 1-1/2"							65281
64372	1-1/2" x 1" x 1"	1.50	1.65	1.78	15/30	1.28	----	65372
	1-1/2" x 1" x 1-1/2"							65323
	1-1/2" x 1-1/4" x 3/4"	1.43	1.52	1.25	15/30	1.30	----	65375
	1-1/2" x 1 1/4" x 1"							65325
	1-1/2" x 1-1/4" x 1-1/4"	1.75	1.82	1.88	15/30	1.35	----	65377
	2" x 3/4" x 2"						----	65267
	2" x 1" x 2"							65332
	2" x 1-1/4" x 1 1/4"							65302
	2" x 1-1/4" x 2"							65335
	2" x 1-1/2" x 1-1/4"	1.82	1.90	2.10	10/30	1.21	----	65312
	2" x 1-1/2" x 1-1/2"	1.94	2.02	2.16	10/30	1.79	----	65313

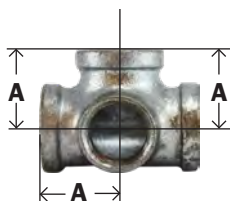
• SEE [MIDLANDINDUSTRIES.COM](http://MIDLANDINDUSTRIES.COM) FOR GALVANIZED REDUCING TEE & MORE BLACK SIZES

### MALLEABLE SERVICE TEE (STREET TEE)



PART # GALVANIZED		SIZE	A	B	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
64363	----	1/2"	1.12	1.62	40/12	0.31	65363	----
64364	----	3/4"	1.31	1.89	25/75	0.49	65364	----

### SIDE OUTLET TEES



PART # GALVANIZED		SIZE	A	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
64383	----	1/2"	1.12	25/100	.39	65383	----
64384	----	3/4"	1.31	15/60	.58	65384	----
64385	----	1"	1.50	20/40	.88	65385	----
64386	----	1-1/4"	1.75	12/24	1.32	65386	----
		1-1/2"	1.97	1/1	1.56	65387	----
		2"	2.29	1/1	1.81	65388	----

**WARNING:** This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# BLACK AND GALVANIZED IRON #150

## NIPPLES AND FITTINGS

### COUPLINGS



PART # GALVANIZED		SIZE	A	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
64410	----	1/8"	0.96	70/840	.07	65410	----
64411	----	1/4"	1.06	40/480	.09	65411	----
64412	----	3/8"	1.16	40/480	.13	65412	----
64413	----	1/2"	1.34	60/240	.19	65413	----
64414	----	3/4"	1.52	50/150	.28	65414	----
64415	----	1"	1.67	25/100	.45	65415	----
64416	----	1-1/4"	1.93	16/64	.66	65416	----
64417	----	1-1/2"	2.15	18/36	.84	65417	----
64418	----	2"	2.54	12/24	1.39	65418	----
64419	----	2-1/2"	2.88	8/16	2.42	65419	----
64420	----	3"	3.18	1/12	3.49	65420	----
64421	----	4"	3.69	3/6	5.81	65421	----
64422	----	6"	4.23	1/2	28.62	65422	----

### REDUCING COUPLINGS



PART # GALVANIZED		SIZE	A	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
64430	----	1/4" x 1/8"	1.00	50/600	.07	65430	----
64431	----	3/8" x 1/8"	1.13	35/420	.09	65431	----
64432	----	3/8" x 1/4"	1.13	30/360	.11	65432	----
64433	----	1/2" x 1/8"	1.25	75/300	.13	65433	----
64434	----	1/2" x 1/4"	1.25	75/300	.11	65434	----
64435	----	1/2" x 3/8"	1.25	60/240	.15	65435	----
64439	----	3/4" x 1/8"	1.44	60/240	.18	65439	----
64436	----	3/4" x 1/4"	1.44	45/18	.19	65436	----
64437	----	3/4" x 3/8"	1.44	45/18	.21	65437	----
64438	----	3/4" x 1/2"	1.44	60/180	.25	65438	----
64459	----	1" x 1/4"	1.69	45/135	.34	65459	----
64440	----	1" x 3/8"	1.69	30/120	.35	65440	----
64441	----	1" x 1/2"	1.69	30/120	.36	65441	----
64442	----	1" x 3/4"	1.69	25/100	.39	65442	----
64460	----	1-1/4" x 3/8"	2.06	25/75	.55	65460	----
64444	----	1-1/4" x 1/2"	2.06	25/75	.53	65444	----
64445	----	1-1/4" x 3/4"	2.06	25/75	.57	65445	----
64446	----	1-1/4" x 1"	2.06	15/60	.61	65446	----
64443	----	1-1/2" x 3/8"	2.31	20/60	.71	65443	----
64447	----	1-1/2" x 1/2"	2.31	20/60	.69	65447	----
64448	----	1-1/2" x 3/4"	2.31	15/60	.71	65448	----
64449	----	1-1/2" x 1"	2.31	25/50	.78	65449	----
64450	----	1-1/2" x 1-1/4"	2.31	12/48	.87	65450	----
64458	----	2" x 1/2"	2.81	12/36	1.14	65458	----
64451	----	2" x 3/4"	2.81	12/36	1.14	65451	----
64452	----	2" x 1"	2.81	12/36	1.21	65452	----
64453	----	2" x 1-1/4"	2.81	9/27	1.19	65453	----
64454	----	2" x 1-1/2"	2.81	9/27	1.38	65454	----
		2 1/2" x 1"				65455	
		2 1/2" x 1 1/4"				65429	
64461	----	2-1/2" x 1-1/2"	3.25	20/40	2.07	65461	----
64462	----	2-1/2" x 2"	3.25	7/14	2.23	65462	----
		3" x 1"				65466	
		3" x 1-1/4"				65467	
64486	----	3" x 1-1/2"	3.69	6/12	3.23	65486	----
64456	----	3" x 2"	3.69	6/12	3.30	65456	----
64463	----	3" x 2-1/2"	3.69	5/10	3.55	65463	----
		4" x 1 1/2"				65468	
64464	----	4" x 2"	4.38	3/6	5.55	65464	----
64465	----	4" x 2-1/2"	4.38	3/6	5.90	65465	----
64457	----	4" x 3"	4.38	3/6	6.05	65457	----
		6" x 4"	4.24	1/2	10.86	65491	----

SEE [MIDLANDINDUSTRIES.COM](http://MIDLANDINDUSTRIES.COM)  
FOR MORE SIZES

WARNING: This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# BLACK AND GALVANIZED IRON #150

## NIPPLES AND FITTINGS

### HEX BUSHING



SEE [MIDLANDINDUSTRIES.COM](http://MIDLANDINDUSTRIES.COM)  
FOR MORE SIZES



\* INSIDE HEX

NOTE: ADD DT TO THE  
PART# FOR A DOUBLE-  
TAPPED BUSHING

PART #		SIZE	A	HEX	BOX/ CASE	APPROX. WT. LBS.	PART #	
GALVANIZED		M X F					BLACK	
64500	----	*1/4" x 1/8"	0.79	0.67	1/25	.03	65500	----
64501	----	*3/8" x 1/8"	0.79	0.75	1/25	.06	65501	----
64502	----	*3/8" x 1/4"	0.79	0.75	1/25	.05	65502	----
64503	----	1/2" x 1/8"	0.84	1.03	150/600	.09	65503	----
64504	----	1/2" x 1/4"				.08	65504	----
64505	----	1/2" x 3/8"	0.75	1.03	150/600	.07	65505	----
64506	----	3/4" x 1/8"	0.85	1.15	75/300	.14	65506	----
64507	----	3/4" x 1/4"	0.85	1.15	75/300	.13	65507	----
64508	----	3/4" x 3/8"	0.85	1.15	75/300	.12	65508	----
64509	----	3/4" x 1/2"	0.93	1.15	75/300	.10	65509	----
		1" x 1/8"					65557	
64510*	----	1" x 1/4"	1.13	1.12	50/200	.20	65510*	----
64511*	----	1" x 3/8"	1.13	1.12	50/200	.18	65511*	----
64512	----	1" x 1/2"	1.10	1.42	50/200	.21	65512	----
64513	----	1" x 3/4"	1.10	1.42	50/200	.17	65513	----
64514*	----	1-1/4" x 1/4"	1.24	1.12	30/120	.29	65514*	----
64515*	----	1-1/4" x 3/8"	1.24	1.12	30/120	.29	65515*	----
64516*	----	1-1/4" x 1/2"	1.24	1.24	30/120	.31	65516*	----
64517	----	1-1/4" x 3/4"	1.08	1.76	30/120	.35	65517	----
64518	----	1-1/4" x 1"	1.08	1.76	30/120	.29	65518	----
64519*	----	1-1/2" x 1/4"	1.30	1.12	25/75	.40	65519*	----
64520*	----	1-1/2" x 3/8"	1.30	1.12	25/75	.38	65520*	----
64521*	----	1-1/2" x 1/2"	1.30	1.34	25/75	.38	65521*	----
64522*	----	1-1/2" x 3/4"	1.30	1.44	25/75	.40	65522*	----
64523	----	1-1/2" x 1"	1.23	2.00	25/75	.45	65523	----
64524	----	1-1/2" x 1-1/4"	1.23	2.00	25/75	.34	65524	----
64526	----	2" x 1/4"	1.29	1.12	20/60	.57	65526	----
64525*	----	2" x 3/8"	1.28	1.12	20/60	.57	65525*	----
64527*	----	2" x 1/2"	1.39	1.34	20/60	.57	65527*	----
64528*	----	2" x 3/4"	1.39	1.63	20/60	.63	65528*	----
64529*	----	2" x 1"	1.39	1.77	20/60	.66	65529*	----
64530	----	2" x 1-1/4"	1.50	2.48	20/60	.74	65530	----
64531	----	2" x 1-1/2"	1.50	2.48	20/60	.61	65531	----
64546*	----	2-1/2" x 1/2"	1.51	1.34	15/30	.97	65546*	----
64547*	----	2-1/2" x 3/4"	1.51	1.63	15/30	.91	65547*	----
64532*	----	2-1/2" x 1"	1.51	1.95	15/30	.97	65532*	----
64533*	----	2-1/2" x 1-1/4"	1.51	2.39	15/30	1.03	65533*	----
64534	----	2-1/2" x 1-1/2"	1.51	2.98	15/30	1.16	65534	----
64535	----	2-1/2" x 2"	1.54	2.98	15/30	1.01	65535	----
64550	----	3" x 1"	1.61	1.95	12/24	1.41	65550	----
64549*	----	3" x 1-1/4"	1.61	2.39	12/24	1.42	65549*	----
64537*	----	3" x 1-1/2"	1.61	2.68	12/24	1.51	65537*	----
64538	----	3" x 2"	1.61	3.86	12/24	1.71	65538	----
64539	----	3" x 2-1/2"	1.61	3.86	12/24	1.68	65539	----
		3-1/2" x 3"	1.86	4.20	5/10	2.17	65555	----
64551	----	4" x 3/4"	2.15	4.90	5/10	3.88	65551	----
64553*	----	4" x 1"	2.00	4.75	5/10	3.79	65553*	----
64552	----	4" x 1-1/4"	1.82	2.39	5/10	2.39	65552	----
64540	----	4" x 1-1/2"	1.82	2.68	5/10	2.39	65540	----
64541*	----	4" x 2"	1.82	3.31	5/10	2.52	65541*	----
64542*	----	4" x 2-1/2"	2.06	3.87	5/10	2.87	65542*	----
64543	----	4" x 3"	2.17	4.96	5/10	2.95	65543	----
		5" x 4"	2.16	5.34	2/4	6.80	65544	----
64544		6" x 2"					65558	
64549		6" x 3"					65559	
64545*	----	6" x 4"	2.33	5.79	2/4	7.11	65545*	----
		6" x 5"			2/4		65560	

**WARNING:** This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer.  
 For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# BLACK AND GALVANIZED IRON #150

## NIPPLES AND FITTINGS

### UNIONS

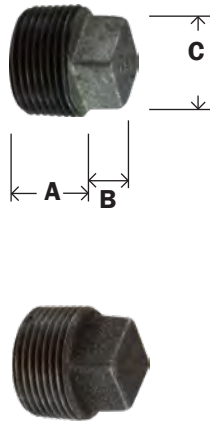
• Brass Seat



PART # GALVANIZED		SIZE	A	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
64600	----	1/8"	1.26	60/240	.17	65600	----
64601	----	1/4"	1.44	20/240	.25	65601	----
64602	----	3/8"	1.61	40/160	.37	65602	----
64603	----	1/2"	1.72	50/100	.52	65603	----
64604	----	3/4"	1.94	35/70	.78	65604	----
64605	----	1"	2.06	20/40	1.18	65605	----
64606	----	1-1/4"	2.26	15/30	1.64	65606	----
64607	----	1-1/2"	2.41	10/20	2.08	65607	----
64608	----	2"	2.75	6/12	3.24	65608	----
64609	----	2-1/2"	3.22	4/8	5.31	65609	----
64610	----	3"	3.50	4/8	6.94	65610	----
64611	----	4"	3.85	2/4	12.02	65611	----

### SQUARE HEAD PLUGS

• Cored



PART # GALVANIZED		SIZE	A	B	C	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
		*1/8"	0.41	0.23	0.30	1/25	.02	65650	----
64651	----	*1/4"	0.48	0.28	0.38	1/25	.03	65651	----
64652	----	*3/8"	0.53	0.31	0.43	1/25	.04	65652	----
64653	----	1/2"	0.58	0.38	0.56	50/600	.08	65653	----
64654	----	3/4"	0.65	0.44	0.63	30/360	.13	65654	----
64655	----	1"	0.75	0.50	0.82	20/240	.22	65655	----
64656	----	1-1/4"	0.82	0.56	0.94	40/120	.33	65656	----
64657	----	1-1/2"	0.85	0.62	1.13	30/90	.41	65657	----
64658	----	2"	0.91	0.68	1.31	20/60	.68	65658	----
64659	----	2-1/2"	1.26	0.74	1.50	16/64	.89	65659	----
64660	----	3"	1.16	0.80	1.69	16/32	1.68	65660	----
64661	----	4"	1.22	1.00	2.28	6/12	3.02	65661	----
		6"	1.85	1.13	5.97	5/10	11.41	65662	----
		8"				1/1		65664	----

### CAPS



PART # GALVANIZED		SIZE	A	BOX/ CASE	APPROX. WT. LBS.	PART # BLACK	
64470	----	1/8"	0.55	1/25	.03	65470	----
64471	----	1/4"	0.62	80/960	.07	65471	----
64472	----	3/8"	0.74	60/720	.08	65472	----
64473	----	1/2"	0.87	75/300	.13	65473	----
64474	----	3/4"	0.97	40/160	.18	65474	----
64475	----	1"	1.16	25/100	.30	65475	----
64476	----	1-1/4"	1.28	20/80	.47	65476	----
64477	----	1-1/2"	1.33	18/54	.66	65477	----
64478	----	2"	1.45	12/36	.99	65478	----
64479	----	2-1/2"	1.70	20/40	1.58	65479	----
64480	----	3"	1.80	12/24	2.51	65480	----
64481	----	4"	2.08	6/12	4.09	65481	----
64482	----	6"	2.55	2/4	5.18	65482	----

\* Use steel fittings for smaller sizes. See Steel Fittings for Galvanized and Black Steel Fittings.

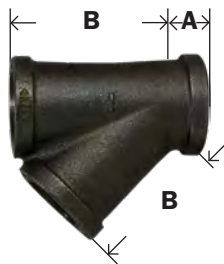

**WARNING:** This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



# BLACK AND GALVANIZED IRON #150

## NIPPLES AND FITTINGS

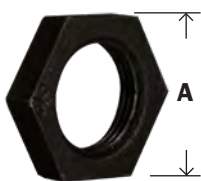
### LATERAL Ys



PART #	SIZE	A	B	CASE	WEIGHT		PART #
64963	1/2	2.32	1.71	120	.35	----	65963
64964	3/4	2.77	2.05	60	.58	----	65964
	1	3.28	2.42	40	.97	----	65965
	1-1/4	3.94	2.92	24	1.44	----	65966
	1-1/2	4.38	3.28	16	1.93	----	65967
64968	2	5.41	3.98	8	3.12	----	65968
	2-1/2	6.25	4.73	4	5.61	----	65969
	3	7.26	5.55	2	8.36	----	65970
	4	8.98	6.97	2	14.88	----	65971

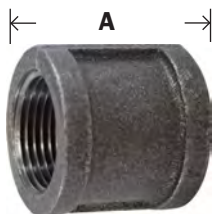
### LOCKNUTS

\*Straight Thread



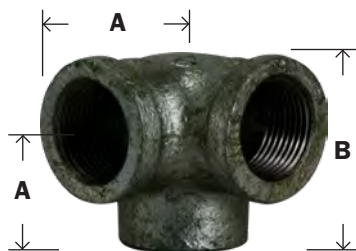
PART #		SIZE	A	THICK- NESS	BOX/ CASE	WEIGHT	PART #	
GALV			HEX				BLACK	
64703	----	1/2		0.31	150/600	0.08	65703	----
64704	----	3/4		0.34	90/360	0.13	65704	----
64705	----	1		0.38	60/240	0.19	65705	----
64706	----	1-1/4		0.42	45/180	0.27	65706	----
64707	----	1-1/2		0.47	45/135	0.47	65707	----
64708	----	2		0.53	25/75	0.56	65708	----

### RIGHT & LEFT COUPLINGS



PART #		SIZE	A	CASE	WEIGHT	PART #	
GALV						BLACK	
64573	----	1/2	1.34	240	0.19	65573	----
64574	----	3/4	1.52	150	0.28	65574	----
64575	----	1	1.67	100	0.45	65575	----
64576	----	1-1/4	1.93	64	0.66	65576	----
64577	----	1-1/2	2.15	36	0.84	65577	----
64578	----	2	2.53	24	1.39	65578	----

### SIDE OUTLET ELBOW



PART #		SIZE	A	B	CASE	PART #	
GALV						BLACK	
64583	----	1/2	1.10		135	65583	----
64584	----	3/4	1.30		80	65584	----
64585	----	1	1.50		40	65585	----
64586	----	1-1/4	1.77		30	65586	----
64587	----	1-1/2	1.97		24	65587	----
64588	----	2	2.29		10	65588	----



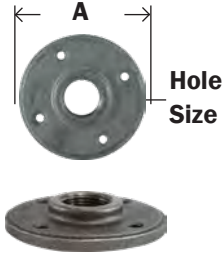
HELP US HELP YOU! GO ONLINE TO UPDATE YOUR CUSTOMER PROFILE SO THAT WE CAN UPDATE ALL THE APPROPRIATE DEPARTMENTS AND PERSONNEL AT YOUR COMPANY ON NEW CATALOGS, PRICING UPDATES, NEW MARKETING TOOLS, AND OTHER IMPORTANT INFORMATION. THANK YOU!

WARNING: This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

# BLACK AND GALVANIZED IRON #150

NIPPLES AND FITTINGS

## FLOOR FLANGES



PART # GALVANIZED	SIZE	A	THICKNESS	HOLE SIZE	BOX/CASE	APPROX. WT. LBS.	PART # BLACK
	1/4"						65691
	3/8"						65690
64692	1/2"	3.50	0.50	0.25	25/100	.63	65692
64693	3/4"	3.50	0.63	0.25	15/45	.73	65693
64694	1"	4.00	0.69	0.25	15/45	1.02	65694
64695	1-1/4"	4.00	0.75	0.25	15/30	1.00	65695
64696	1-1/2"	4.50	0.87	0.31	8/24	1.37	65696

## EXTENSION FIP X MIP



PART #	SIZE	APPROX. WT. LBS.	BOX/CASE
65621	1/2"	0.12	75 / 300
65622	3/4"	0.23	40 / 160

## MUSHROOM VENT CAP



PART #	SIZE
21174	3/4"
21175	1"
21176	1-1/2"
21177	1-1/2"
21178	2"
21179	3"
21180	4"

More sizes available - see website

Cast Iron Galvanized Threaded Cap. 30 Mesh screen. Protects against driving rain, snow, sleet and insects.

## DOUBLE TAPPED BUSHINGS



PART #	SIZE
65518DT	1-1/4" x 1"
65522DT	1-1/2" x 3/4"
65523DT	1-1/2" x 1"
65527DT	2" x 1/2"
65528DT	2" x 3/4"
65529DT	2" x 1"
65530DT	2" x 1/4"
65531DT	2" x 1-1/2"
65541DT	4" x 2"

## SEE MIDLANDINDUSTRIES.COM FOR:



DUPLEX TANK BUSHINGS



WASTE NUT

**WARNING:** This product can expose you to chemicals, including Nickel, which are known to the State of California to cause cancer. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)