



SECTION 01 MALLEABLE FITTINGS

We offer one of the most extensive selections of black and galvanized malleable iron fittings in the industry. Available in 13 diameters from 1/8" to 6", every fitting is produced to exact specifications. All galvanized products are zinc-coated for water applications and meet all low-lead requirements. In addition, all of our iron fittings undergo our rigorous testing and quality inspections.

150# Black & Galv. Fittings.....004

- Elbows
- Tees
- Locknuts
- Crosses
- Couplings
- Caps
- Flanges
- Unions
- Plugs





Hex Bushing
150# Malleable Iron Threaded Fittings

MIP x FIP

BULK PART NUMBER

Size	Black	Galvanized	Inner	MC
1/4 X 1/8	521-910	511-910	75	1,800
3/8 X 1/8	521-920	511-920	75	900
3/8 X 1/4	521-921	511-921	75	900
1/2 X 1/8	521-930	511-930	150	600
1/2 X 1/4	521-931	511-931	100	600
1/2 X 3/8	521-932	511-932	100	600
3/4 X 1/8	521-940	511-940	50	300
3/4 X 1/4	521-941	511-941	50	300
3/4 X 3/8	521-942	511-942	50	300
3/4 X 1/2	521-943	511-943	50	300
1 X 1/4	521-951	511-951	50	200
1 X 3/8	521-952	511-952	50	200
1 X 1/2	521-953	511-953	50	200
1 X 3/4	521-954	511-954	50	200
1-1/4 X 1/4	521-961	511-961	30	240
1-1/4 X 3/8	521-962	511-962	30	240
1-1/4 X 1/2	521-963	511-963	30	120
1-1/4 X 3/4	521-964	511-964	30	120
1-1/4 X 1	521-965	511-965	30	120
1-1/2 X 1/2	521-973	511-973	25	75
1-1/2 X 3/4	521-974	511-974	25	75
1-1/2 X 1	521-975	511-975	25	75
1-1/2 X 1-1/4	521-976	511-976	25	150
2 X 1/2	521-983	511-983	20	60
2 X 3/4	521-984	511-984	20	60
2 X 1	521-985	511-985	20	60
2 X 1-1/4	521-986	511-986	20	60
2 X 1-1/2	521-987	511-987	20	60
2-1/2 X 1/2	-	511-993	30	30
2-1/2 X 3/4	521-994	511-994	24	48
2-1/2 X 1	521-995	511-995	24	48
2-1/2 X 1-1/4	521-996	511-996	24	48
2-1/2 X 1-1/2	521-997	511-997	-	28
2-1/2 X 2	521-998	511-998	24	48
3 X 1	521-905	511-905	16	32
3 X 1-1/4	521-906	511-906	16	32
3 X 1-1/2	521-907	511-907	16	32
3 X 2	521-908	511-908	-	16
3 X 2-1/2	521-909	511-909	16	32
4 X 1-1/2	521-917	511-917	10	20
4 X 2	521-918	511-918	10	20
4 X 2-1/2	521-919	511-919	-	10
4 X 3	521-900	511-900	-	10
6 X 2	521-938	511-938	-	10
6 X 3	521-939	-	-	10
6 X 4	521-937	511-937	-	10

BARCODED PART NUMBER

Size	Black	Galvanized	Inner	MC
1/4 X 1/8	521-910HC	511-910HC	-	35
3/8 X 1/8	521-920HC	511-920HC	-	35
3/8 X 1/4	521-921HN	511-921HN	-	10
1/2 X 1/8	521-930HC	511-930HC	-	30
1/2 X 1/4	521-931HP	511-931HP	-	10
1/2 X 3/8	521-932HN	511-932HP	-	15 / 5
3/4 X 1/8	521-940HC	511-940HC	-	75
3/4 X 1/4	521-941HC	511-941HN	-	75 / 5
3/4 X 3/8	521-942HP	511-942HN	-	10
3/4 X 1/2	521-943HP	511-943HP	-	15
1 X 1/4	521-951HC	511-951HC	-	25
1 X 3/8	521-952HC	511-952HC	-	25
1 X 1/2	521-953HN	511-953HN	-	10
1 X 3/4	521-954HN	511-954HN	-	10
1-1/4 X 1/4	-	-	-	-
1-1/4 X 3/8	-	511-962HC	-	12
1-1/4 X 1/2	521-963HN	511-963HN	-	5
1-1/4 X 3/4	521-964HN	511-964HN	-	5
1-1/4 X 1	521-965HN	511-965HN	-	5
1-1/2 X 1/2	521-973HN	511-973HC	-	5 / 10
1-1/2 X 3/4	521-974HN	511-974HN	-	5
1-1/2 X 1	521-975HN	511-975HN	-	5
1-1/2 X 1-1/4	521-976HN	511-976HN	-	5
2 X 1/2	521-983HN	511-983HN	-	5
2 X 3/4	521-984HC	511-984HC	-	5
2 X 1	521-985HN	511-985HN	-	5
2 X 1-1/4	521-986HC	511-986HN	-	5
2 X 1-1/2	521-987HN	511-987HN	-	3
2-1/2 X 1/2	-	511-993BC	30	60
2-1/2 X 3/4	521-994BC	511-994BC	24	48
2-1/2 X 1	521-995BC	511-995BC	24	48
2-1/2 X 1-1/4	521-996BC	511-996BC	24	48
2-1/2 X 1-1/2	521-997BC	511-997BC	-	28
2-1/2 X 2	521-998BC	511-998BC	24	48
3 X 1	521-905BC	511-905BC	16	32
3 X 1-1/4	521-906BC	511-906BC	16	32
3 X 1-1/2	521-907BC	511-907BC	16	32
3 X 2	521-908BC	511-908BC	-	16
3 X 2-1/2	521-909BC	511-909BC	16	32
4 X 1-1/2	521-917BC	511-917BC	10	20
4 X 2	521-918BC	511-918BC	10	20
4 X 2-1/2	521-919BC	511-919BC	-	10
4 X 3	521-900BC	511-900BC	-	10
6 X 2	-	-	-	-
6 X 3	-	-	-	-
6 X 4	-	-	-	-





FINISHES

Black, Galvanized and Their Designed Applications

Our fittings, nipples and pipes are offered in three finishes: Black, Galvanized and Red Brass. Each finish offers unique application advantages over each other making them ideal for particular projects.

BLACK FINISH

Accessories with black finish are generally used for lubricant oil, grease, LP gas, natural gas, gases (nitrogen, oxygen, etc.), steam and diesel. This finish is best suited for normal use where an inner rustproof protection is not required.

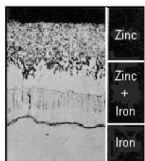
GALVANIZED FINISH

Our Galvanized Finish offering is used for hot and cold water systems, refrigeration, sprinklers, compressed air, gasoline, diesel, alcohol, and some other applications where conducted fluid needs inner rustproof protection.

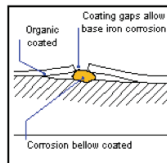
These fittings are manufactured by hot-dip galvanizing according to ASTM A-153. There are several ways to protect iron against rust, but none better than our hot-dip galvanizing process. Hot-dip galvanizing is one of the most efficient, practical and economical ways to protect iron and steel as zinc resists very well environment, air, and water corrosion for long lasting protection.

Galvanizing protects from corrosion the following ways:

- 1) It offers a long lasting isolating coverage made of metallic zinc and zinc alloy expertly applied to our iron.
- 2) Since zinc is bonded to iron as part of the iron-zinc combination, the protection works at a molecular level throughout the union. This serves as both a mechanical and corrosion protector.

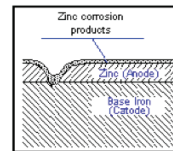


Zinc resists the environment's corrosive actions. Opposite to this, most of the organic coatings (paintings) are environmentally unstable and need to be renewed frequently. When a little failure occurs, corrosion starts and it begins to become larger under the protective coating.



Cathodic iron protection, provided by the metallic zinc coating, is factually based on corrosion being an electro-chemical process.

As zinc is a highly active electrochemical element, it tends to absorb oxygen before iron does it. Furthermore, this condition



creates additional protection against zinc hydroxide. This cathodic protection prevents corrosion to exposed parts, due to any discontinuity or mechanical damage on the coating.

