

# Certifications & Approvals

## Committed to Quality

**Matco-Norca** is committed to maintaining a high standard of quality for all the products we offer. Most products in this catalog are labeled with a designated approval or certification code. Below is a brief description of these approvals.



**ADA American Disabilities Act** — Protecting the rights of people with physical or mental disabilities.



**ANSI American National Standards Institute** — Organization that coordinates work among U.S. Standards writing groups; Works in conjunction with other groups such as ISO, ASME, ASTM, etc.



**ASME American Society of Mechanical Engineers** — Develops standards and testing criteria for finished products.



**ASSE American Society of Sanitary Engineering** — Develops standards and qualifies products for plumbing and sanitary installations.



**ASTM American Society for Testing Materials** — Develops standards for materials, products, systems and services.



**AWWA American Water Works Association** — Promotes public health through improvement of water quality. Develops standards for valves, fittings and equipment.



**CSA Canadian Standards Association** — Develops standards, tests and qualifies products used in gas lines and gas appliance installations.



**FM Factory Mutual** — Develops standards and qualifies products for use by the general public.



**ISO International Standards Association** — A worldwide process control organization. An internationally recognized certification for manufacturers that comply with high standards of quality control. Developed standards ISO-9000 through ISO-9004



**MSS Mechanics Standardization Society of the Valves & Fittings Industry, Inc.** — A committee of manufacturers that develops technical codes and standards for the valve & fitting industry.



**SDWA The Safe Drinking Water Act** — Is the main federal law that ensures the quality of Americans' drinking water. Under SDWA, EPA sets standards for drinking water quality and oversees the states, localities, and water suppliers who implement those standards. Weighted average lead content of water contact components must be 0.25% or less.



**NSF NSF International** — An organization committed to public health that writes standards and certifies products for food, water and consumer products.



**UL Underwriter's Laboratory** — Tests and qualifies valve and fittings products under UL standards for safety.



**UPC Uniform Plumbing Code** — Developed by the International Association of Plumbing and Mechanical Officials to govern the installation and inspection of plumbing systems as a means of promoting the public's health, safety and welfare.



**USC University of Southern California** — Foundation for Cross-Connection Control and Hydraulic Research that lists approved backflow prevention assemblies.

# Malleable Pipe Fittings Part # Breakdown

Malleable Fittings  
Part # Breakdown

Prefix	
M	Thailand Malleable
(Z) M	Chinese Malleable

Part Group	
B	Black, 150 LB.
G	Galvanized, 150 LB.
BX	Black, 300 LB.
GX	Galvanized, 300 LB.

Part Code	
L90	90° Elbow
LST90	90° Street Elbow
LR	Elbow Reducing
L45	45° Elbow
LST45	45° Street Elbow
LSO	Elbow Side Outlet
T	Tee
TSO	Tee Side Outlet (Thai Only)
ST	Street (Service) Tee
TR	Tee Reducing
PL	Square Head Plug
CR	Cross
X	Extension Piece
FF	Floor Flange
UN	Union
CA	Cap
CP	Coupling Banded
LN	Locknut
CPR	Coupling Reducing
BU	Hex Bushing

PREFIX

ZMBT08

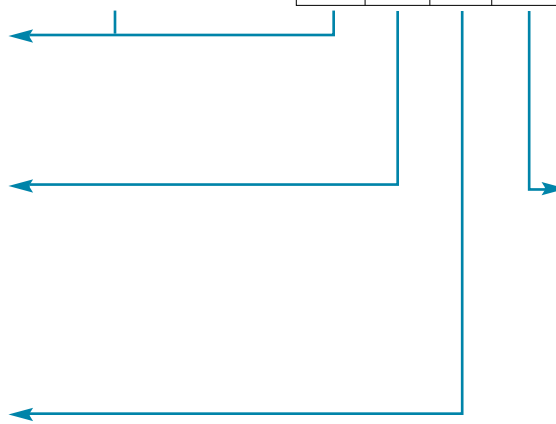
(Z)

M

B

T

08



Size	
0	1/8
1	1/4
2	3/8
3	1/2
4	3/4
5	1
6	1-1/4
7	1-1/2
8	2
9	2-1/2
10	3
11	4
12	5
13	6



**Sample Part # is:**  
Chinese Malleable  
Black, 150LB, Tee, 2"

# Malleable Pipe Fittings

## 150 LB.

- Thailand Fittings UL/FM Certified
- Chinese Fittings UL/FM Certified
- ISO 9001: 2000
- All Fittings are 100% Pressure Tested
- Pressure Rating: Fittings: ANSI/ASME B16.3  
Bushings/Plugs: ANSI/ASME B16.14
- 1/8" - 6" Diameter
- Lead Free



**MATCO-NORCA**  
MODEL NUMBER  
BLACK GALVANIZED

SIZE

CARTON QUANTITIES  
INNER MASTER

### Reducing Tee - Reduce 3 Sizes

MODEL NUMBER	SIZE	INNER	MASTER
MBTR040303	3/4" x 1/2" x 1/2"	25	100
MBTR040304	3/4" x 1/2" x 3/4"	20	80
MBTR040305	3/4" x 1/2" x 1"	18	72
MBTR050303	1" x 1/2" x 1/2"	20	80
MBTR050304	1" x 1/2" x 3/4"	20	80
MBTR050305	1" x 1/2" x 1"	15	60
MBTR050403	1" x 3/4" x 1/2"	20	80
MBTR050404	1" x 3/4" x 3/4"	15	60
MBTR050405	1" x 3/4" x 1"	15	60
MBTR060303	1-1/4" x 1/2" x 1/2"	25	50
MBTR060304	1-1/4" x 1/2" x 3/4"	25	50
MBTR060305	1-1/4" x 1/2" x 1"	20	40
MBTR060306	1-1/4" x 1/2" x 1-1/4"	20	40
MBTR060403	1-1/4" x 3/4" x 1/2"	10	40
MBTR060404	1-1/4" x 3/4" x 3/4"	10	40
MBTR060405	1-1/4" x 3/4" x 1"	10	40
MBTR060406	1-1/4" x 3/4" x 1-1/4"	10	40
MBTR060503	1-1/4" x 1" x 1/2"	20	40
MBTR060504	1-1/4" x 1" x 3/4"	20	40
MBTR060505	1-1/4" x 1" x 1"	20	40
MBTR060506	1-1/4" x 1" x 1-1/4"	15	30
MBTR060507	1-1/4" x 1" x 1-1/2"	18	36
MBTR070304	1-1/2" x 1/2" x 3/4"	12	48
MBTR070305	1-1/2" x 1/2" x 1"	18	36
MBTR070306	1-1/2" x 1/2" x 1-1/4"	15	30
MBTR070307	1-1/2" x 1/2" x 1-1/2"	12	24
MBTR070403	1-1/2" x 3/4" x 1/2"	15	30
MBTR070404	1-1/2" x 3/4" x 3/4"	15	30
MBTR070406	1-1/2" x 3/4" x 1-1/4"	12	24
MBTR070407	1-1/2" x 3/4" x 1-1/2"	12	24
MBTR070503	1-1/2" x 1" x 1/2"	15	30
MBTR070504	1-1/2" x 1" x 3/4"	15	30
MBTR070505	1-1/2" x 1" x 1"	15	30
MBTR070506	1-1/2" x 1" x 1-1/4"	12	24
MBTR070507	1-1/2" x 1" x 1-1/2"	12	24
MBTR070603	1-1/2" x 1-1/4" x 1/2"	12	24
MBTR070604	1-1/2" x 1-1/4" x 3/4"	12	24
MBTR070605	1-1/2" x 1-1/4" x 1"	12	24
MBTR070606	1-1/2" x 1-1/4" x 1-1/4"	12	24
MBTR070607	1-1/2" x 1-1/4" x 1-1/2"	12	24
MBTR070608	1-1/2" x 1-1/4" x 2"	8	16
MBTR080308	2" x 1/2" x 2"	8	16
MBTR080404	2" x 3/4" x 3/4"	12	24
MBTR080408	2" x 3/4" x 2"	8	16



**MATCO-NORCA**  
MODEL NUMBER  
BLACK GALVANIZED

SIZE

CARTON QUANTITIES  
INNER MASTER

### Reducing Tee - Reduce 3 Sizes (Continued)

MODEL NUMBER	SIZE	INNER	MASTER
MBTR080505	2" x 1" x 1"	12	24
MBTR080507	2" x 1" x 1-1/2"	10	20
MBTR080508	2" x 1" x 2"	8	16
MBTR080605	2" x 1-1/4" x 1"	8	16
MBTR080606	2" x 1-1/4" x 1-1/4"	8	16
MBTR080607	2" x 1-1/4" x 1-1/2"	8	16
MBTR080608	2" x 1-1/4" x 2"	8	16
MBTR080704	2" x 1-1/2" x 3/4"	10	20
MBTR080705	2" x 1-1/2" x 1"	10	20
MBTR080706	2" x 1-1/2" x 1-1/4"	8	16
MBTR080707	2" x 1-1/2" x 1-1/2"	8	16
MBTR080708	2" x 1-1/2" x 2"	8	16
MBTR090808	2-1/2" x 2" x 2"	5	10
MBTR090809	2-1/2" x 2" x 2-1/2"	4	8



### Square Head Plug

MODEL NUMBER	SIZE	INNER	MASTER
MBPLO0	1/8"	300	3600
MBPLO1	1/4"	150	1800
MBPLO2	3/8"	100	1200
MBPLO3	1/2"	50	600
MBPLO4	3/4"	30	360

*Above sizes are also available in steel.  
Please see our Steel Plug & Bushing Price List.*

MBPLO5	1"	20	240
MBPLO6	1-1/4"	40	120
MBPLO7	1-1/2"	30	90
MBPLO8	2"	20	60
MBPLO9	2-1/2"	16	32
MBPLO10	3"	16	32
MBPLO11	4"	6	12
MBPLO12	5"	5	10
MBPLO13	6"	5	10

### Bar Style

ZMBPL11B	-	4"	8	12
ZMBPL13B	-	6"	5	10

Add Z Prefix For Chinese Malleable Fittings: ZMB (Black) / ZMG (Galvanized)