

Certifications & Approvals

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.
	CEC California Energy Commission — As the state's primary energy policy and planning agency, the California Energy Commission is committed to reducing energy costs and environmental impacts of energy use - such as greenhouse gas emissions - while ensuring a safe, resilient, and reliable supply of energy.
	EPA EPA WaterSense® — A U.S. Environmental Protection Agency (EPA) program designed to encourage water efficiency in the United States through the use of a special label on consumer products.
	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.
	NACE National Association of Corrosion Engineers — Equips society to protect people, assets and the environment from the adverse effects of corrosion.
	NSF NSF International — An organization committed to public health that writes standards and certifies products for food, water and consumer products.
	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.
	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.

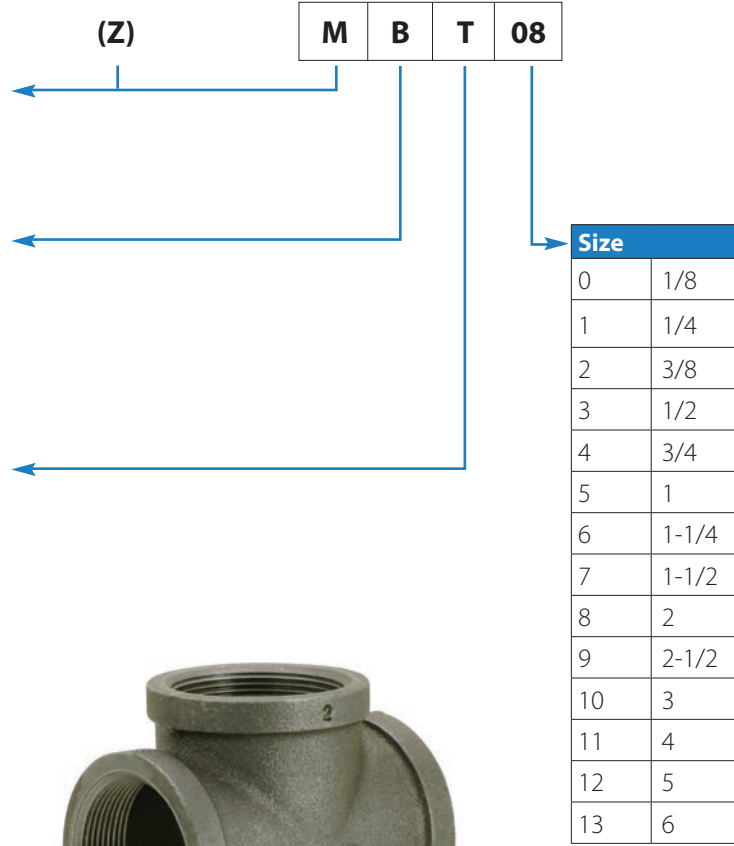
Malleable Pipe Fittings Part # Breakdown

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



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**

Side Outlet Tee

MBTSO03	MGTSO03	1/2"	25	100
MBTSO04	MGTSO04	3/4"	15	60
MBTSO05	MGTSO05	1"	20	40
MBTSO06	MGTSO06	1-1/4"	12	24
MBTSO07	MGTSO07	1-1/2"	8	16
MBTSO08	MGTSO08	2"	4	8



Street (Service) Tee

MBST03	MGST03	1/2"	40	120
MBST04	MGST04	3/4"	25	75
MBST05	MGST05	1"	20	40
-	MGST06	1-1/4"	15	30
MBST07	MGST07	1-1/2"	8	16



Bull Head Tee

MBTR030304	MGTR030304	1/2" x 1/2" x 3/4"	30	120
MBTR030305	MGTR030305	1/2" x 1/2" x 1"	25	100
MBTR040405	MGTR040405	3/4" x 3/4" x 1"	20	80
MBTR040406	MGTR040406	3/4" x 3/4" x 1-1/4"	25	100
MBTR050506	MGTR050506	1" x 1" x 1-1/4"	11	44
MBTR050507	MGTR050507	1" x 1" x 1-1/2"	9	36
MBTR050508	MGTR050508	1" x 1" x 2"	12	24
MBTR060607	MGTR060607	1-1/4" x 1-1/4" x 1-1/2"	12	24
MBTR060608	MGTR060608	1-1/4" x 1-1/4" x 2"	12	24
MBTR070708	MGTR070708	1-1/2" x 1-1/2" x 2"	8	16
MBTR080809	MGTR080809	2" x 2" x 2-1/2"	6	12

Reducing Tee - Reduce 2 Sizes

MBTR0100	MGTR0100	1/4" x 1/8"	25	300
-	MGTR0200	3/8" x 1/8"	40	240
MBTR0201	MGTR0201	3/8" x 1/4"	40	240
MBTR0300	MGTR0300	1/2" x 1/8"	40	160
MBTR0301	MGTR0301	1/2" x 1/4"	20	160
MBTR0302	MGTR0302	1/2" x 3/8"	20	160



MATCO-NORCA
MODEL NUMBER
BLACK GALVANIZED **SIZE** **CARTON QUANTITIES**
INNER **MASTER**

Reducing Tee - Reduce 2 Sizes (Continued)

MBTR0401	MGTR0401	3/4" x 1/4"	25	100
MBTR0402	MGTR0402	3/4" x 3/8"	25	100
MBTR0403	MGTR0403	3/4" x 1/2"	20	80
MBTR0501	MGTR0501	1" x 1/4"	20	80
MBTR0502	MGTR0502	1" x 3/8"	15	60
MBTR0503	MGTR0503	1" x 1/2"	15	60
MBTR0504	MGTR0504	1" x 3/4"	12	48
MBTR0602	MGTR0602	1-1/4" x 3/8"	20	40
MBTR0603	MGTR0603	1-1/4" x 1/2"	20	40
MBTR0604	MGTR0604	1-1/4" x 3/4"	20	40
MBTR0605	MGTR0605	1-1/4" x 1"	20	40
-	MGTR0702	1-1/2" x 3/8"	18	36
MBTR0703	MGTR0703	1-1/2" x 1/2"	18	36
MBTR0704	MGTR0704	1-1/2" x 3/4"	15	30
MBTR0705	MGTR0705	1-1/2" x 1"	15	30
MBTR0706	MGTR0706	1-1/2" x 1-1/4"	12	24
MBTR0803	MGTR0803	2" x 1/2"	10	20
MBTR0804	MGTR0804	2" x 3/4"	10	20
MBTR0805	MGTR0805	2" x 1"	10	20
MBTR0806	MGTR0806	2" x 1-1/4"	8	16
MBTR0807	MGTR0807	2" x 1-1/2"	8	16
MBTR0903	MGTR0903	2-1/2" x 1/2"	6	12
MBTR0904	MGTR0904	2-1/2" x 3/4"	6	12
MBTR0905	MGTR0905	2-1/2" x 1"	5	10
MBTR0906	MGTR0906	2-1/2" x 1-1/4"	5	10
MBTR0907	MGTR0907	2-1/2" x 1-1/2"	5	10
MBTR0908	MGTR0908	2-1/2" x 2"	4	8
MBTR1003	MGTR1003	3" x 1/2"	4	8
MBTR1004	MGTR1004	3" x 3/4"	3	6
MBTR1005	MGTR1005	3" x 1"	3	6
MBTR1006	MGTR1006	3" x 1-1/4"	3	6
MBTR1007	MGTR1007	3" x 1-1/2"	3	6
MBTR1008	MGTR1008	3" x 2"	3	6
MBTR1009	MGTR1009	3" x 2-1/2"	3	6
MBTR1103	-	4" x 1/2"	2	4
MBTR1104	-	4" x 3/4"	2	4
MBTR1105	MGTR1105	4" x 1"	2	4
MBTR1106	MGTR1106	4" x 1-1/4"	2	4
MBTR1107	MGTR1107	4" x 1-1/2"	2	4
MBTR1108	MGTR1108	4" x 2"	1	3
MBTR1109	MGTR1109	4" x 2-1/2"	1	3
MBTR1110	MGTR1110	4" x 3"	1	2

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

Terms & Conditions Of Sale

Acceptance

Orders, whether verbal or written, are subject to acceptance by Matco-Norca, Inc. Hereinafter referred to as the seller at its Brewster, N.Y. office. No terms or conditions of buyers order contrary to seller's terms and conditions shall be binding upon seller unless specifically agreed upon by seller in writing. Sellers acceptance of orders shall occur by written acknowledgement or tender of delivery of goods and or services the subject hereof (goods), which ever occurs first.

Prices And Sales Policy

Until written confirmation of this contract has been received by buyer, all prices are subject to change without prior notice. We reserve the right to adjust orders to standard package quantities unless otherwise stated on buyers purchase order. We reserve the right to make product improvement without notice. If seller determines buyer's credit is unsatisfactory or there is reasonable doubt concerning buyer's ability to pay, payment in advance may be required or buyer shall provide security for such payment in an amount and form acceptable to seller. Unless otherwise specified by seller, terms are 2% 10 days/net 30 days.

Cash discounts apply to the value of goods at the net invoiced value before transportation charges, taxes and additional duties. Unearned cash discounts will be charged back as an unpaid balance to the buyers account. Any past due amount is subject to a finance charge of 1-1/2% per month (18% per year) on the total past due balance in accordance with the Truth-in-lending Act in Title 1 of the Federal Consumer Protection Act effective July 1, 1969.

Taxes

All prices are exclusive of taxes and excises. Sales, use and other taxes, by whomsoever levied, are to be paid by the buyer and unless invoiced, are to be paid by buyer direct to the appropriate governmental agency. Buyers are required to furnish seller with a copy of their tax exemption of resale certificate, otherwise applicable state sales taxes will be charged.

Delivery And Shipment Of Materials

All goods are sold F.O.B. sellers warehouse. Delivery of material to a common carrier shall constitute delivery thereof to buyer and risk of loss shall pass to buyer at such time. Claims for damage to or loss of material in transit shall be filed by buyer direct with carrier. Buyer assumes all risks and liability for the results obtained by the use of material delivered hereunder. No claim of any kind, whether as to material delivered or for nondelivery or late delivery of material and whether based on negligence or otherwise, shall be greater in amount than the purchase price of the material in respect to which such claim is made. In no event shall seller be liable for indirect or consequential damages or for anticipated profits or loss of use of equipment.

Returns And Cancellations

Permission in writing and return authorization must be obtained from seller before any goods are returned. All returns must be prepaid, no collect shipments will be accepted. All returns made for reasons other than defects are subject to a restocking charge. Discontinued goods are not returnable.

Cancellation of orders may be made only with the sellers written consent and shall be subject to cancellation charges.

Governing law

The entering into, construction, interpretation, performance and discharge of the terms set forth herewith shall be governed in accordance with the laws of the State of New York.

Limited One Year Warranty

Seller warrants the material to be free of defects in material and workmanship, under normal use, proper maintenance and proper operation, for a period of one year from date of delivery to a common carrier for shipment to buyer or his designated agent. The obligation of the seller is limited to (1) repair of the material, or (2) replacement of any component or components proven defective in material or workmanship, or (3) refund of the purchase price. Seller shall have no liability for the cost of removal or reinstallation with respect to any replaced or repaired product. The election of said remedies shall be determined by seller in its sole discretion and shall be considered final disposition.

All implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed and excluded. This warranty is in lieu of all other warranties, guarantees, agreements and similar obligations or seller, in no event shall seller be liable for consequential or incidental damages.

Claims

No later than ten (10) days from receipt of material buyer will report, in writing, all claims for any damage, defects or shortages. All claims, including for alleged damaged or defective material, shortage negligence or any other cause whatsoever "(defective performance)", shall deemed waived unless made in writing within the ten (10) day period. However, any defective performance not discoverable within said ten (10) day period (including that discoverable only in processing or in further manufacturing) shall be deemed waived unless made in writing and received by seller in writing within ninety (90) days after receipt or within ten (10) days after buyer learns of the alleged defect, whichever occurs first. Seller's liability shall in no event exceed the purchase price of the material in respect to which the claim is made, or at the election of seller at its sole discretion, and to repair or replacement of such material. Seller shall not be liable for, and buyer assumes all responsibility for, all personal injury and property damage resulting from handling, possession, use or resale of the material by buyer. In no event shall seller be liable for incidental or consequential damages, whether buyer's claim is in contract, negligence, or otherwise. If claim is made, buyer shall permit seller at seller's option to re-inspect the material at buyer's plant or if seller so directs, buyer shall return the material at buyer's expense to seller's facility for re-inspection. No material may be returned to seller without prior written permission from seller.

Force Majeure

Anything in this agreement to the contrary notwithstanding, it is expressly agreed that seller shall not be liable for any damages resulting from, and buyer shall not have the right to cancel this order because of any delays caused in whole or in part by fires, floods, windstorms, tornadoes, wars, riots, insurrections, strikes, lockouts sit-downs, slow-downs, or other labor trouble, causing cessation or interruption of operation or by accident, material shortages, labor or fuel shortages, or inability to procure labor or materials, either on the part of the seller, or because any plant, plants or any portion thereof belonging to seller have been commandeered by the legally constituted public authority, or because of any priorities or preferences established for the manufacture, assembly or allotment of materials by order, decree, or to otherwise of the united states, or by any department, bureau, commission, committee, agent or administrator of any legally constituted public authority in any plant of seller, or any of its suppliers, or resulting from any other cause beyond the control of seller.