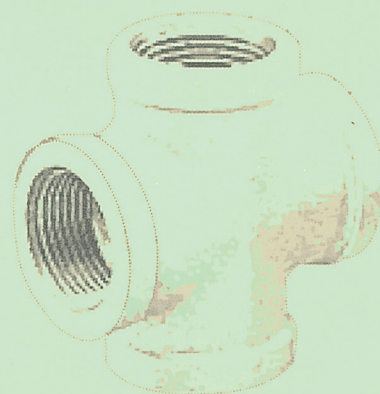
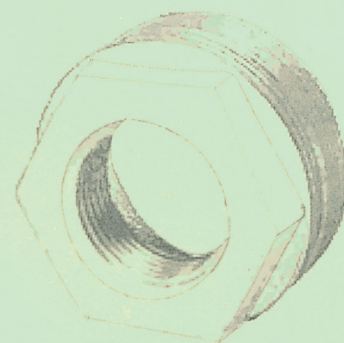
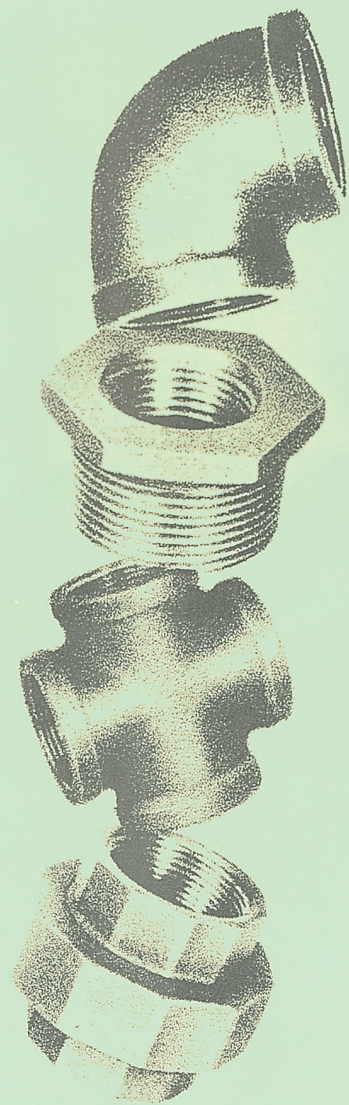




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Fittings Corporation

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Marketed by:
Alpha Star TRADING

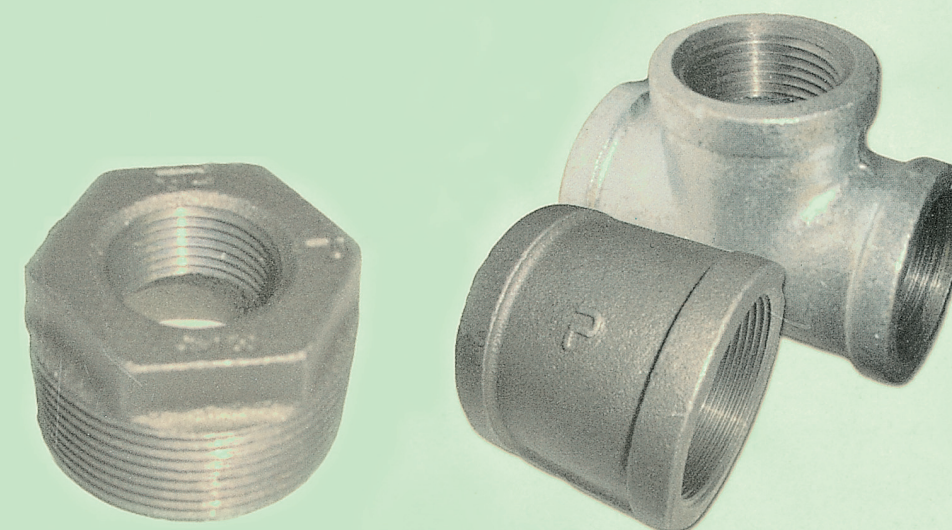
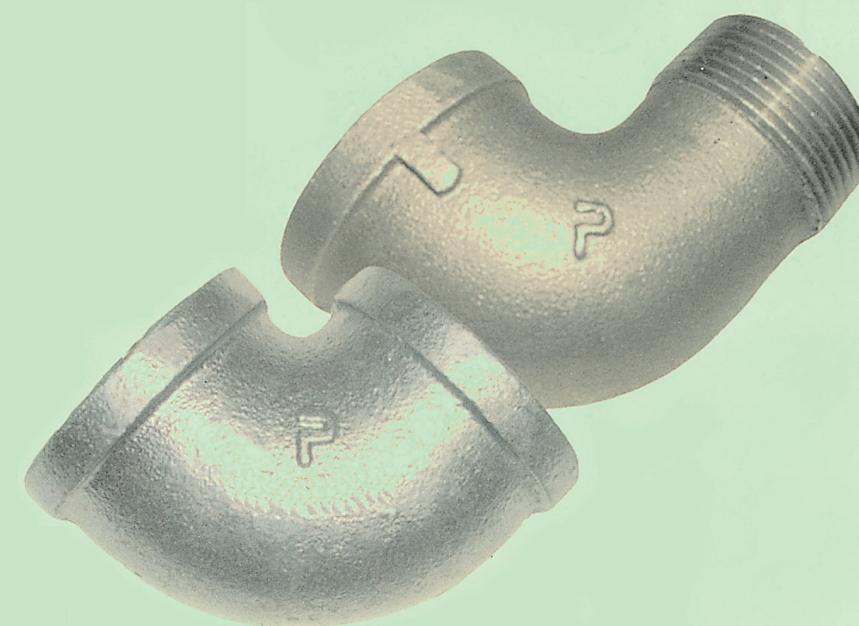
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PanNext®
Fittings Corporation



**Malleable Iron Pipe Fittings
Cast Bronze Pipe Fittings**



Cast Iron Fittings (ANSI/ASME B16.15)

Class 125 Cast Iron Fittings fabricated with dimensional specifications in accordance with ANSI/ASME B16.15

Model	Configuration	Size, in.	Rated Pressure, psi
-	Straight Coupling	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	200
-	90° Elbow	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2	200
-	45° Elbow	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	200
-	Tee	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2	200
-	Cap	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	200
-	90° Reducing Elbow	1/2 x 1/4, 1/2 x 3/8, 3/4 x 1/2, 1 x 1/2, 1 x 3/4, 1-1/4 x 1/2, 1-1/4 x 3/4, 1-1/4 x 1, 1-1/2 x 3/4, 1-1/2 x 1, 2 x 1, 2 x 1-1/4, 2 x 1-1/2	200
-	Reducing Coupling	1/2 x 3/8, 3/4 x 1/2, 1 x 1/2, 1 x 3/4, 1-1/4 x 3/4, 1-1/4 x 1, 1-1/2 x 3/4, 1-1/2 x 1, 1-1/2 x 1-1/4, 2 x 1, 2 x 1-1/4, 2 x 1-1/2	200
-	90° Street Elbow	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2	200
-	45° Street Elbow	1/2, 3/4, 1, 1-1/4, 1-1/2, 2	200
-	Reducing Tee	1/2 x 1/2 x 1/4, 3/4 x 3/4 x 1/2, 1 x 1 x 1/2, 1 x 1 x 3/4, 1-1/4 x 1-1/4 x 1/2, 1-1/4 x 1-1/4 x 3/4, 1-1/4 x 1-1/4 x 1, 1-1/2 x 1-1/2 x 1/2, 1-1/2 x 1-1/2 x 3/4, 1-1/2 x 1-1/2 x 1, 1-1/2 x 1-1/2 x 1-1/4, 2 x 2 x 3/4, 2 x 2 x 1, 3/4 x 1/2 x 1/2, 3/4 x 1/2 x 3/4, 1 x 1/2 x 3/4, 1 x 3/4 x 3/4	200

Ferrous Pipe Plugs, Bushings and Locknuts with Pipe Threads (ANSI/ASME B16.14)

Fittings fabricated with dimensional specifications in accordance with ANSI/ASME B16.14

Model	Configuration	Size, in.	Rated Pressure, psi
—	Plugs	1/8, 1/4, 3/8, 1/2, 3/4, 1-1/4	300
—	Reducing Bushings	1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4	300

Malleable Iron Threaded Pipe Unions (ANSI/ASME B16.39)

Fittings fabricated with dimensional specifications in accordance with ANSI/ASME B16.39

Model	Configuration	Size, in.	Rated Pressure, psi
—	Unions	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300

Trademark and/or Tradename: 

Last Updated on 2008-09-02

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The
PanNext
Advantage
*The products
...the experience
.....the quality
...the service!*

Pannext — Built to stand the pressure. Our advantage is that we offer the experience in the industry, the finest quality products, and the highest level of service.

With the recent expansion of our facility to over 200,000 square feet and with over 30 years of knowledge and technical experience, every Pannext product meets and exceeds all specifications in the industry.

Pannext has established itself as a leader in the fitting manufacturing industry. With UL Approved, ISO 9001 Certificate, and a high standard in testing assures us to offer only premium quality products.

Our commitment is to provide you with the Pannext advantage. Use a Pannext, a product that the industry trusts.

MALLEABLE IRON AND BRONZE PIPE FITTINGS

MALLEABLE FITTINGS

Caps	3
Couplings	3
Elbows 45	3
Elbows 90	3
Reducing Couplings	3
Reducing Tees	4
Street Elbows 45	4
Street Elbows 90	4
Tees	4
Union (Brass Set)	4
Item Numbers	5
Packing	6
Certificates	7



MALLEABLE IRON
PIPE FITTINGS 300 LB



MALLEABLE IRON
PIPE FITTINGS
CLASS 300 LB
GALVANIZED & BLACK

STANDARD SPECIFICATIONS:

MATERIAL:	ASTM A 197 (CUPOLA)
DIMENSIONS:	ANSI B 16.3, B 16.4, B 16.39 & SI 225
UNION DIMENSIONS:	WW-U-516-B
THREADS:	ANSI / ASME B 1.20, BS 21
CLASS:	300 P.S.I.
TENSILE STRENGTH:	28.4 kg/mm. (Minimum)
ELONGATION:	5% Minimum
ZINC COATING:	SI 918, ASTM A 153
WORKING PRESSURE:	25kg/cm (300 P.S.I.)



PANNEXT FITTINGS 2



ONLINE CERTIFICATIONS DIRECTORY

HHXX.EX6393
Fittings, Cast Iron, Ductile Iron, Malleable Iron and Bronze

Page Bottom

Fittings, Cast Iron, Ductile Iron, Malleable Iron and Bronze

See General Information for Fittings, Cast Iron, Ductile Iron, Malleable Iron and Bronze

PANNEXT PIPE FITTING CO LTD
236 W GUANGMING RD
LANGFANG, HEBEI 102800 CHINA

EX6393

Malleable Iron Threaded Fittings (ANSI/ASME B16.3)

Class 150 Malleable Iron Fittings fabricated with dimensional specifications in accordance with ANSI/ASME B16.3

Model	Configuration	Size, in.	Rated Pressure, psi
—	90° Elbows	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
—	45° Elbows	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
—	90° Reducing Elbows	1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 1/2 x 1/8, 2-1/2 x 1-1/4	300
—	Tees	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
—	Reducing Tees	1/4, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 3/4 x 1/2 x 1	300
—	Crosses	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2	300
—	Couplings	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
—	Reducing Couplings	1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
—	90° Street Elbows	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
—	45° Street Elbows	1/8, 1/4, 3/8, 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
—	Caps	1/8, 1/4, 3/8, 1/2, 3/4, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300

Class 300 Malleable Iron Fittings fabricated with dimensional specifications in accordance with ANSI/ASME B16.3

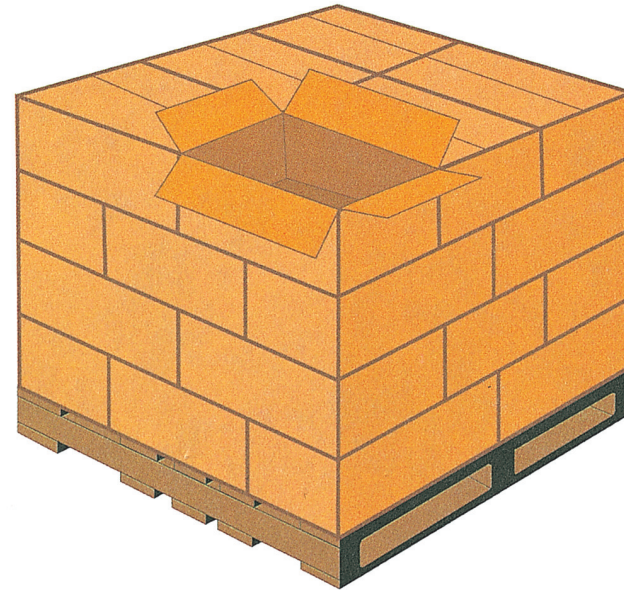
Model	Configuration	Size, in.	Rated Pressure, psi
-	Straight Couplings	1/2, 3/4, 1	2000
-	Straight Couplings	1-1/4, 1-1/2, 2	1500
-	90° Straight Elbows	1/2, 3/4, 1	2000
-	90° Straight Elbows	1-1/4, 1-1/2, 2	1500
-	45° Straight Elbows	1/2, 3/4, 1	2000
-	45° Straight Elbows	1-1/4, 1-1/2, 2	1500
-	Tee	1/2, 3/4, 1	2000
-	Tee	1-1/4, 2	1500
-	Cap	1/2, 3/4, 1	2000
-	Cap	1-1/4, 1-1/2, 2	1500

PANNEXT FITTINGS 7

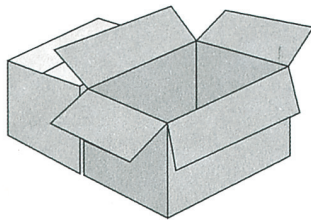
MALLEABLE FITTINGS

Master Box

13" X 19-7/8" X 9-3/8"

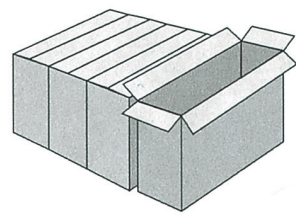


2 Inner Box



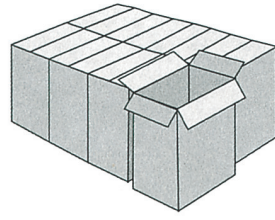
9-3/8" X 12-3/8" X 8-9/16"

4 Inner Box



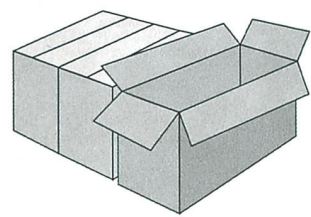
4-11/16" X 12-7/16" X 8-9/16"

8 Inner Box



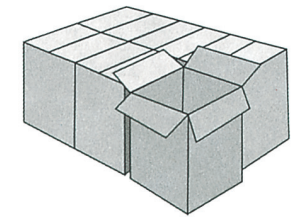
4-11/16" X 6-1/8" X 8-9/16"

3 Inner Box



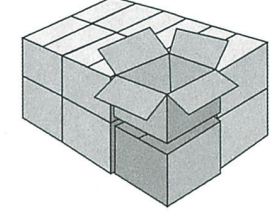
6-1/8" X 12-7/16" X 8-9/19"

6 Inner Box



6-3/16" X 6-3/16" X 8-9/19"

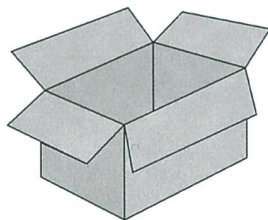
12 Inner Box



6-3/16" X 6-3/16" X 4-3/16"

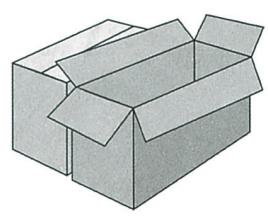
BRONZE FITTINGS

MASTER BOX



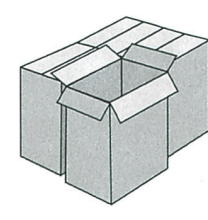
9-1/2" X 12-1/8" X 8-1/2"

2 Inner Box



9-1/8" X 5-1/2" X 7-1/2"

4 Inner Box

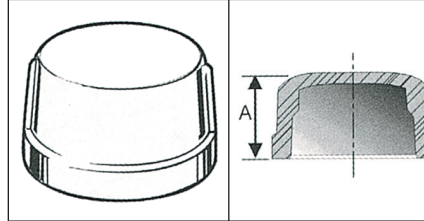


4-1/4" X 5-7/8" X 7-1/2"

PANNEXT FITTINGS 6

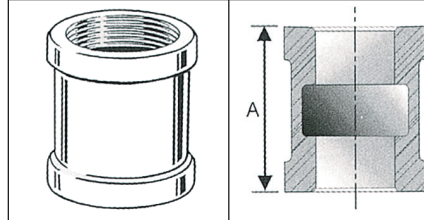
CAPS

HB = BLACK OR HG = GALVANIZED



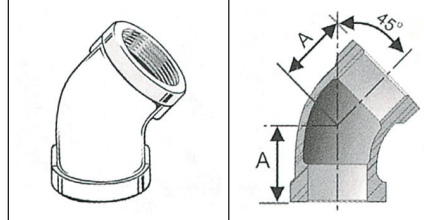
COUPLINGS

HB = BLACK OR HG = GALVANIZED



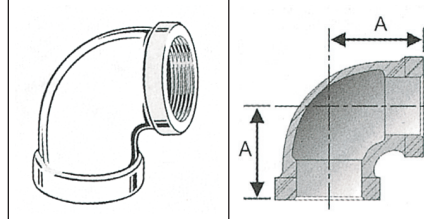
ELBOWS 45

HB = BLACK OR HG = GALVANIZED



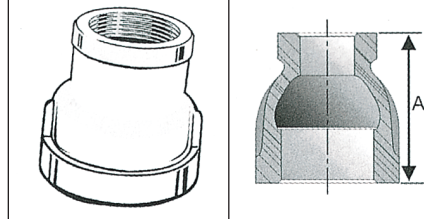
ELBOWS 90

HB = BLACK OR HG = GALVANIZED



RD. COUPLINGS

HB = BLACK OR HG = GALVANIZED



**MALLEABLE IRON
PIPE FITTINGS 300 LB**

Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
CAP05	1/2	24.9				160	80	80	40	98
CAP07	3/4	27.4				100	50	50	25	154
CAP10	1	32				60	30	30	15	248
CAP12	1-1/4	35				40	20	20	10	363
CAP15	1-1/2	36.3				30	15	15	15	477
CAP20	2	42.7				20	10	10	5	815

Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
CPL05	1/2	25.4				80	40	40	20	179.7
CPL07	3/4	28.7				60	30	30	15	295.5
CPL10	1	33.3				40	20	20	10	420
CPL12	1-1/4	38.1				24	12	12	6	685
CPL15	1-1/2	42.9				24	12	24	12	813
CPL20	2	50.8				12	6	6	3	1411

Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
L4505	1/2	25.4				80	40	40	20	174.8
L4507	3/4	28.7				60	30	30	15	273.4
L4510	1	33.3				40	20	20	10	444.7
L4512	1-1/4	38.1				24	12	12	6	702.6
L4515	1-1/2	42.9				16	8	8	4	923.3
L4520	2	50.8				12	6	6	3	1488.8

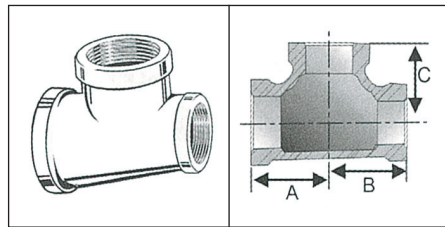
Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
L9005	1/2	30.5				80	40	40	20	188.6
L9007	3/4	35.5				60	30	30	15	302
L9010	1	40.5				40	20	20	10	486.8
L9012	1-1/4	48.5				24	12	12	6	763.2
L9015	1-1/2	53				16	8	8	4	956.3
L9020	2	62				12	6	6	3	1586
L9030	3	84				4	2	2	2	4210

Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
RCP0705	3/4 x 1/2	44.5				60	30	30	15	227
RCP1005	1 x 1/2	50.8				40	20	20	10	322
RCP1007	1 x 3/4	50.8				40	20	20	10	358
RCP1205	1-1/4 x 1/2	59.5				24	12	12	6	467
RCP1207	1-1/4 x 3/4	59.5				24	12	12	6	492
RCP1210	1-1/4 x 1	59.5				24	12	12	6	585
RCP1505	1-1/2 x 1/2	67				24	12	12	6	611.7
RCP1507	1-1/2 x 3/4	67				24	12	12	6	637
RCP1510	1-1/2 x 1	67				24	12	12	6	675
RCP1512	1-1/2 x 1-1/4	67				24	12	12	6	753

PANNEXT FITTINGS 3

**MALLEABLE IRON
PIPE FITTINGS 300 LB**
RD. TEES

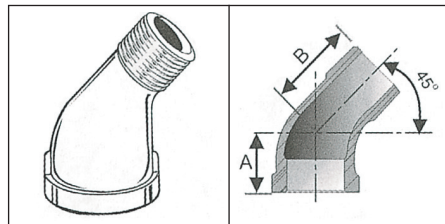
HB = BLACK OR HG = GALVANIZED



Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
RT20705	3/4X1/2	32.0	32.0	34.0	34.0	32	16	16	8	
RT21005	1 x 1/2	36.6	36.6	38.1		32	16	16	8	571
RT21007	1 x 3/4	38.1	38.1	39.6		32	16	16	8	603
RT21205	1-1/4 x 1/2	41.4	41.4	38.1		24	12	12	6	771
RT21207	1-1/4 x 3/4	41.4	41.4	44.4		24	12	12	6	862
RT21210	1-1/4 x 1	44.4	44.4	46		24	12	12	6	952.5
RT21505	1-1/2 x 1/2					24	12	12	6	1030
RT21507	1-1/2 x 3/4					24	12	12	6	1116
RT21510	1-1/2 x 1	46	46	50.8		24	12	12	6	1179
RT21512	1-1/2 x 1-1/4	50.8	50.8	52.3		24	12	12	6	1839
RT22007	2X3/4	45	45	54						
RT22010	2X1	50	50	56.6						
RT22012	2X1.1/4	53	53	58						
RT22015	2X1.1/2	56	56	59						

STREET ELBOWS 45

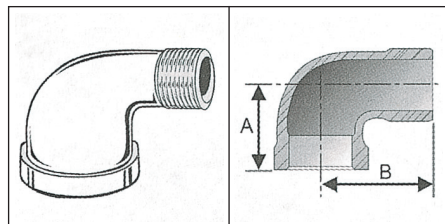
HB = BLACK OR HG = GALVANIZED



Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
S4505	1/2	24.5	34			80	40	40	20	134
S4507	3/4	28	38.5			60	30	30	15	216
S4510	1	32.2	44.6			40	20	20	10	347
S4512	1-1/4	37	53			24	12	12	6	748
S4515	1-1/2	41.5	57			16	8	8	4	758
S4520	2	49.5	67			12	6	6	3	1226

STREET ELBOWS 90

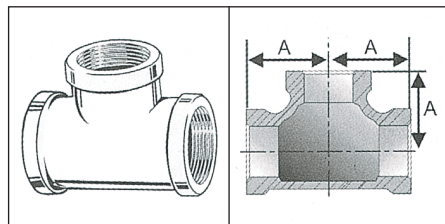
HB = BLACK OR HG = GALVANIZED



Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
S9005	1/2	50.8	31.7			80	20	40	20	167
S9007	3/4	55.6	36.6			60	30	30	15	285
S9010	1	65	41.4			40	20	20	10	427.9
S9012	1-1/4	73.1	49.3			24	12	12	6	675
S9015	1-1/2	79.5	54.1			16	8	8	4	901.5
S9020	2	93.7	63.5			12	6	6	3	1648

TEES

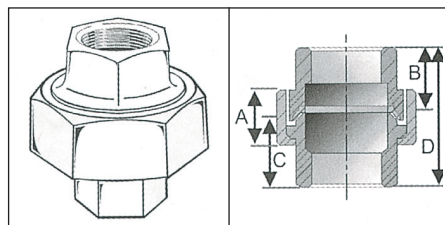
HB = BLACK OR HG = GALVANIZED



Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
TEE05	1/2	30.5				80	40	40	20	308.7
TEE07	3/4	35.5				60	30	30	15	482
TEE10	1	41				40	20	20	10	695
TEE12	1-1/4	48.5				24	12	12	6	1037.8
TEE15	1-1/2	52.5				16	8	8	4	1336
TEE20	2	63.5				12	6	6	3	2250

UNION (BRASS SET)

HB = BLACK OR HG = GALVANIZED



Item Number	Size (inch)	Dimensions				Case Qty		Special Case		Weight (Gram)
		A	B	C	D	Master	Inner	Master	Inner	
UNI05	1/2	24.5	20	27		150	50	75	25	266
UNI07	3/4	27.5	21	29		60	30	60	30	411
UNI10	1	29	23	32.5		36	18	36	18	666
UNI12	1-1/4	33	26	38		24	12	24	12	945.8
UNI15	1-1/2	35.5	29	41.5		20	10	20	10	1127
UNI20	2	42	32	45		12	6	12	6	1914

PANNEXT FITTINGS 4

 Example: **M G R C P 1 5 1 2**
ITEM NUMBERS
Finish
 B=Black
 G=Galvanizing
 BA=Bronze

Type:

BUS = Bushings

CAP = Caps

CRS = Crosses

CPL = Couplings

FLF = Floor Flanges

L45 = Elbows 45

L90 = Elbows 90

LNT = Locknuts

NIP = Nipples

PLG = Plugs

RCP = Reducing Couplings

REL = Reducing Elbows

RT2 = Reducing Tees

S45 = Street Elbows 45

S90 = Street Elbows 90

SOL = Side Outlet Elbows

SOT = Side Outlet Tees

STE = Service Tees

TEE = Tees

UNI = Unions

EXT = Extension Pieces

Size

1 = 1"

2 = 2"

3 = 3"

4 = 4"

5 = 5"

6 = 6"

Size .

0 = 0

1 = 1/8"

2 = 1/4"

3 = 3/8"

5 = 5/8"

7 = 7/8"

Size

1 = 1"

2 = 2"

3 = 3"

4 = 4"

5 = 5"

6 = 6"

Size .

0 = 0

1 = 1/8"

2 = 1/4"

3 = 3/8"

5 = 5/8"

7 = 7/8"

Size

1 = 1"

2 = 2"

3 = 3"

4 = 4"

5 = 5"

6 = 6"

Size .

0 = 0

1 = 1/8"

2 = 1/4"

3 = 3/8"

5 = 5/8"

7 = 7/8"

*The first letter designates the finish.

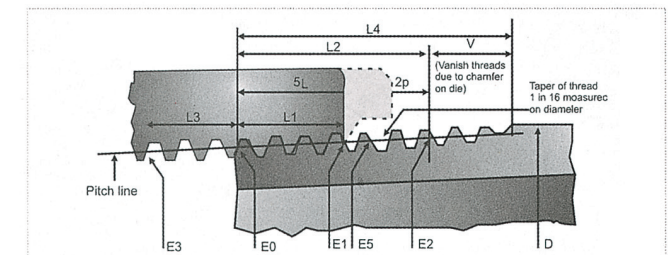
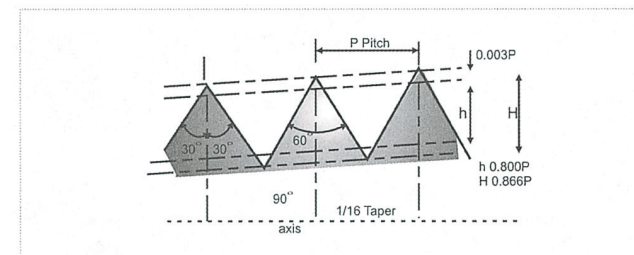
* The next three digits designate the type.

* The next two digits designate the size.

* The next two digits designate the reducing size.

* Two-Way Fittings - Larger diameter first then smaller diameter.

* Three-Way Fittings - Larger of the two diameters on the same line first, smaller second, and the remaining diameter last.

**Item #: MGRCP1512 =
Galvanizing Reducing
Coupling 1-1/2" X 1-1/4"**
STANDARD PIPE THREADS


Nominal Pipe Size	O.D. of Pipe (D)	Threads /in. (N)	Pitch of Thread (P)	Pitch Dia. at Beginning of External Thread (E0)	Handtight Engagement			Effective Thread. Extenal			Depth of Thread
					Length (L2)		Dia.	Length (L2) Dia.			
					Inch	Thread	(E1)	Inch	Thread	(E2)	
1	2	3	4	5	6	7	8	9	10	11	h
1/8	0.405	27.0	0.037	0.363	0.161	4.36	0.373	0.263	7.12	0.380	0.029
1/4	0.540	18.0	0.055	0.477	0.227	4.10	0.491	0.401	7.23	0.502	0.044
3/8	0.675	18.0	0.055	0.612	0.240	4.32	0.627	0.407	7.34	0.637	0.004
1/2	0.840	14.0	0.071	0.758	0.320	4.48	0.778	0.533	7.47	0.791	0.057
3/4	1.050	14.0	0.071	0.967	0.339	4.75	0.988	0.545	7.64	1.001	0.057
1	1.315	11.5	0.086	1.213	0.400	4.60	1.238	0.682	7.85	1.256	0.069
1-1/4	1.660	11.5	0.086	1.557	0.420	4.83	1.583	0.706	8.13	1.601	0.069
1-1/2	1.900	11.5	0.086	1.796	0.420	4.83	1.822	0.723	8.32	1.841	0.069
2	2.375	11.5	0.086	2.269	0.436	5.01	2.296	0.756	8.70	2.316	0.069
2-1/2	2.875	8.0	0.125	2.719	0.682	5.46	2.762	1.137	9.10	2.790	0.100
3	3.500	8.0	0.125	3.340	0.766	6.13	3.388	1.200	9.60	3.415	0.100
3-1/2	4.000	8.0	0.125	3.837	0.821	6.57	3.888	1.250	10.00	3.915	0.100
4	4.500	8.0	0.125	4.334	0.844	6.75	4.387	1.300	10.40	4.415	0.100
5	5.563	8.0	0.125	5.390	0.937	7.50	5.449	1.406	11.25	5.478	0.100
6	6.625	8.0	0.125	6.446	0.958	7.66	6.505	1.512	12.21	6.540	0.100

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