

THREADED FITTINGS

Specifications

Malleable Threaded Fittings

ALL MALLEABLE THREADED FITTINGS MANUFACTURED FOR AND BY SIGMA PIPING PRODUCTS CONFORM TO, COMPLY WITH, AND ARE MANUFACTURED TO THE FOLLOWING STANDARDS:

ASTM A 197	Standard Spec for Cupola Malleable Iron
ASTM A 153	Standard Spec for Zinc Coating (Hot Dip) on Iron and Steel
ANSI B 16.3	Malleable Iron Threaded Fittings Classes 150
ANSI B 16.39	Malleable Iron Threaded Union Classes 150
ANSI/ASME B1.20.1	Pipe Threads, General Purpose (Inch) NPT

Ductile Iron Threaded Fittings

ALL DUCTILE IRONS MANUFACTURED FOR AND BY SIGMA PIPING PRODUCTS CONFORM TO, COMPLY WITH, AND ARE MANUFACTURED TO THE FOLLOWING STANDARDS:

ASTM A 536	Grade 65-45-12
ASME B 16.3	Ductile Iron Threaded Fittings Classes 150
ANSI/ASME B1.20.1	Pipe Threads, General Purpose (Inch) NPT

Cast Iron Threaded Fittings

ALL CAST IRONS MANUFACTURED FOR AND BY SIGMA PIPING PRODUCTS CONFORM TO, COMPLY WITH, AND ARE MANUFACTURED TO THE FOLLOWING STANDARDS:

ASTM A 126	Class B Standard Spec for Cupola Cast Iron
ANSI B 16.4	Cast Iron Threaded Fitting Classes 125
ANSI/ASME B1.20.1	Pipe Threads, General Purpose (Inch) NPT

Merchant Steel Couplings

ALL STEEL THREADED FITTINGS MANUFACTURED FOR AND BY SIGMA PIPING PRODUCTS CONFORM TO, COMPLY WITH, AND ARE MANUFACTURED TO THE FOLLOWING STANDARDS:

ASTM A 865	Carbon Steel
ASTM B 633	Standard Spec for Electro Galvanized Fittings
ANSI/ASME B1.20.1	Pipe Threads, General Purpose (Inch) NPT

Steel Pipe Nipples

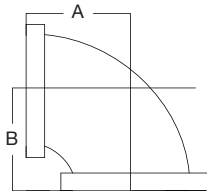
ALL STEEL PIPE NIPPLES MANUFACTURED FOR AND BY SIGMA PIPING PRODUCTS CONFORM TO, COMPLY WITH, AND ARE MANUFACTURED TO THE FOLLOWING STANDARDS:

ASTM A 733	Standard Spec for Welded Steel Nipple
ASTM A 53	Standard Spec for Black & Hot Dip Galvanized Steel Pipe
ANSI/ASME B1.20.1	Pipe Threads, General Purpose (Inch) NPT

THREADED FITTINGS

90 Elbow Malleable

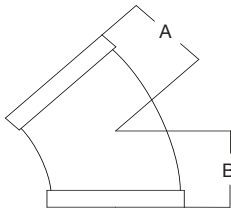
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A	B	
1/8"	1M90B0101	1M90B0101G	0.61	0.61	0.07
1/4"	1M90B0202	1M90B0202G	0.78	0.78	0.11
3/8"	1M90B0303	1M90B0303G	0.95	0.95	0.15
1/2"	1M90B0404	1M90B0404G	1.12	1.12	0.24
3/4"	1M90B0505	1M90B0505G	1.31	1.31	0.38
1"	1M90B0606	1M90B0606G	1.50	1.50	0.54
1-1/4"	1M90B0707	1M90B0707G	1.75	1.75	0.93
1-1/2"	1M90B0808	1M90B0808G	1.94	1.94	1.26
2"	1M90B0909	1M90B0909G	2.25	2.25	1.91
2-1/2"	1M90B1010	1M90B1010G	2.70	2.70	2.91
3"	1M90B1111	1M90B1111G	3.08	3.08	4.76
4"	1M90B1212	1M90B1212G	3.79	3.79	8.53
5"	1M90B1313	1M90B1313G	4.21	4.21	13.55
6"	1M90B1414	1M90B1414G	5.05	5.05	21.97

45 Elbow Malleable

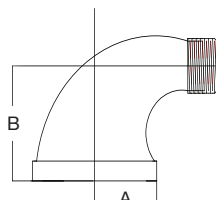
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A	B	
1/8"	1M45B0101	1M45B0101G	0.70	0.70	0.07
1/4"	1M45B0202	1M45B0202G	0.74	0.74	0.10
3/8"	1M45B0303	1M45B0303G	0.80	0.80	0.16
1/2"	1M45B0404	1M45B0404G	0.88	0.88	0.19
3/4"	1M45B0505	1M45B0505G	0.98	0.98	0.32
1"	1M45B0606	1M45B0606G	1.12	1.12	0.51
1-1/4"	1M45B0707	1M45B0707G	1.29	1.29	0.74
1-1/2"	1M45B0808	1M45B0808G	1.43	1.43	1.01
2"	1M45B0909	1M45B0909G	1.68	1.68	1.50
2-1/2"	1M45B1010	1M45B1010G	1.95	1.95	2.57
3"	1M45B1111	1M45B1111G	2.17	2.17	3.92
4"	1M45B1212	1M45B1212G	2.61	2.61	7.07
5"	1M45B1313	1M45B1313G	3.09	3.09	8.07
6"	1M45B1414	1M45B1414G	3.80	3.80	17.79

90 Street Elbow Malleable

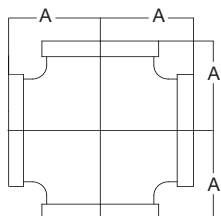
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A	B	
1/8"	1M90S0101	1M90S0101G	0.50	0.7	0.06
1/4"	1M90S0202	1M90S0202G	0.69	0.74	0.09
3/8"	1M90S0303	1M90S0303G	0.80	1.00	0.14
1/2"	1M90S0404	1M90S0404G	0.88	1.12	0.21
3/4"	1M90B0505	1M90B0505G	1.00	1.31	0.34
1"	1M90S0606	1M90S0606G	1.23	1.44	0.53
1-1/4"	1M90S0707	1M90S0707G	1.31	1.69	0.91
1-1/2"	1M90S0808	1M90S0808G	1.44	1.88	1.13
2"	1M90S0909	1M90S0909G	1.69	2.25	1.91
2-1/2"	1M90S1010	1M90S1010G	1.95	2.70	3.09
3"	1M90S1111	1M90S1111G	2.17	3.08	4.93
4"	1M90S1212	1M90S1212G	2.61	3.79	9.69
5"	1M90S1313	1M90S1313G	3.09	4.21	13.56
6"	1M90S1414	1M90S1414G	3.81	5.05	25.26

Cross Malleable

- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1

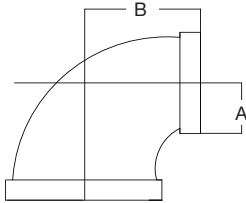


NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A		
1/8"	1MX01	1MX01G	0.58		0.13
1/4"	1MX02	1MX02G	0.75		0.18
3/8"	1MX03	1MX03G	0.95		0.26
1/2"	1MX04	1MX04G	1.12		0.38
3/4"	1MX05	1MX05G	1.13		0.60
1"	1MX06	1MX06G	1.5		0.89
1-1/4"	1MX07	1MX07G	1.75		1.38
1-1/2"	1MX08	1MX08G	1.94		1.78
2"	1MX09	1MX09G	2.25		2.64
2-1/2"	1MX10	1MX10G	2.7		4.74
3"	1MX11	1MX11G	3.08		7.25
4"	1MX12	1MX12G	4.28		13.05

THREADED FITTINGS

Reducing Bend Malleable

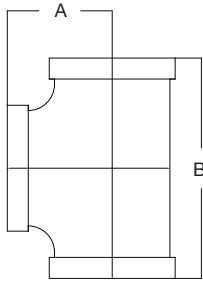
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A	B	
3/8" X 1/8"	1M90R0301	1M90R0301G	0.42	0.54	0.12
3/8" X 1/4"	1M90R0302	1M90R0302G	0.42	0.58	0.13
1/2" X 1/8"	1M90R0401	1M90R0401G	0.52	0.61	0.40
1/2" X 1/4"	1M90R0402	1M90R0402G	0.52	0.65	0.18
1/2" X 3/8"	1M90R0403	1M90R0403G	1.00	1.06	0.20
3/4" X 1/4"	1M90R0502	1M90R0502G	1.05	1.12	0.26
3/4" X 3/8"	1M90R0503	1M90R0503G	1.19	1.18	0.27
3/4" X 1/2"	1M90R0504	1M90R0504G	1.19	1.25	0.30
1" X 1/2"	1M90R0604	1M90R0604G	1.25	1.38	0.38
1" X 3/4"	1M90R0605	1M90R0605G	1.38	1.44	0.50
1-1/4" X 1/2"	1M90R0704	1M90R0704G	1.38	1.56	0.56
1-1/4" X 3/4"	1M90R0705	1M90R0705G	1.44	1.63	0.66
1-1/4" X 1"	1M90R0706	1M90R0706G	1.44	1.66	0.80
1-1/2" X 1/2"	1M90R0804	1M90R0804G	1.41	1.66	0.78
1-1/2" X 3/4"	1M90R0805	1M90R0805G	1.50	1.75	0.78
1-1/2" X 1"	1M90R0806	1M90R0806G	1.63	1.81	0.82
1-1/2" X 1-1/4"	1M90R0807	1M90R0807G	1.81	1.88	1.10
2" X 1/2"	1M90R0904	1M90R0904G	1.49	1.88	1.15
2" X 3/4"	1M90R0905	1M90R0905G	1.63	2.00	1.12
2" X 1"	1M90R0906	1M90R0906G	1.75	2.00	1.43
2" X 1-1/4"	1M90R0907	1M90R0907G	1.88	2.13	2.26
2" X 1-1/2"	1M90R0908	1M90R0908G	2.00	2.13	2.80
2-1/2" X 1-1/4"	1M90R1007	1M90R1007G	2.44	1.88	3.35
2-1/2" X 1-1/2"	1M90R1008	1M90R1008G	2.44	2.00	3.79
2-1/2" X 2"	1M90R1009	1M90R1009G	2.51	2.15	4.43
3" X 2"	1M90R1109	1M90R1109G	3.44	2.45	5.73
3" X 2-1/2"	1M90R1110	1M90R1110G	3.44	2.65	5.82

Tee Threaded Malleable

- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A	B	
1/8"	1MT010101	1MT010101G	0.69	1.38	0.09
1/4"	1MT020202	1MT020202G	0.81	1.62	0.14
3/8"	1MT030303	1MT030303G	0.94	1.88	0.20
1/2"	1MT040404	1MT040404G	1.13	2.26	0.34
3/4"	1MT050505	1MT050505G	1.31	2.62	0.50
1"	1MT060606	1MT060606G	1.50	3.00	0.72
1-1/4"	1MT070707	1MT070707G	1.75	3.50	1.11
1-1/2"	1MT080808	1MT080808G	1.94	3.88	1.50
2"	1MT090909	1MT090909G	2.25	4.50	2.46
2-1/2"	1MT101010	1MT101010G	2.69	5.38	4.14
3"	1MT111111	1MT111111G	3.06	6.12	5.95
4"	1MT121212	1MT121212G	3.81	7.62	11.17
6"	1MT141414	1MT141414G	5.13	10.26	28.74

Cap Malleable

- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1

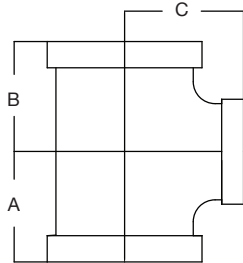


NOM SIZE	ITEM CODE		WEIGHT (LBS)
	BLK	GALV	
1/8"	1MK01	1MK01G	0.03
1/4"	1MK02	1MK02G	0.05
3/8"	1MK03	1MK03G	0.09
1/2"	1MK04	1MK04G	0.12
3/4"	1MK05	1MK05G	0.18
1"	1MK06	1MK06G	0.36
1-1/4"	1MK07	1MK07G	0.53
1-1/2"	1MK08	1MK08G	0.67
2"	1MK09	1MK09G	1.06
2-1/2"	1MK10	1MK10G	1.63
3"	1MK11	1MK11G	2.73
4"	1MK12	1MK12G	4.51
6"	1MK14	1MK14G	10.80

THREADED FITTINGS

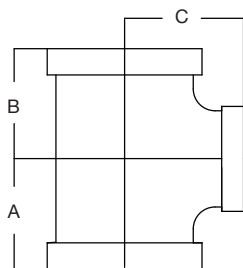
Reducing Tee Malleable

- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)			WEIGHT (LBS)
	BLK	GALV	A	B	C	
1/2" x 1/2" x 1/4"	1MT040402	1MT040402G	1.06	1.06	1.00	0.30
1/2" x 1/2" x 3/8"	1MT040403	1MT040403G	1.06	1.06	1.06	0.30
1/2" x 1/2" x 3/4"	1MT040405	1MT040405G	1.06	1.06	1.13	0.46
3/4" x 1/2" x 1/2"	1MT050404	1MT050404G	1.08	1.08	1.09	0.38
3/4" x 1/2" x 3/4"	1MT050405	1MT050405G	1.11	1.11	1.13	0.46
3/4" x 1/2" x 1"	1MT050406	1MT050406G	1.11	1.11	1.69	0.49
3/4" x 3/4" x 3/8"	1MT050503	1MT050503G	1.19	1.19	1.20	0.46
3/4" x 3/4" x 1/2"	1MT050504	1MT050504G	1.19	1.19	1.25	0.47
3/4" x 3/4" x 1"	1MT050506	1MT050506G	1.19	1.19	1.69	0.57
3/4" x 3/4" x 1-1/4"	1MT050507	1MT050507G	1.19	1.19	1.88	0.59
1" x 1/2" x 1/2"	1MT060404	1MT060404G	1.21	1.21	1.3	0.58
1" x 1/2" x 3/4"	1MT060405	1MT060405G	1.21	1.21	1.33	0.58
1" x 1/2" x 1"	1MT060406	1MT060406G	1.21	1.21	1.69	0.59
1" x 3/4" x 1/2"	1MT060504	1MT060504G	1.22	1.22	1.32	0.59
1" x 3/4" x 3/4"	1MT060505	1MT060505G	1.23	1.23	1.33	0.59
1" x 3/4" x 1"	1MT060506	1MT060506G	1.23	1.23	1.69	0.59
1" x 1" x 1/2"	1MT060604	1MT060604G	1.25	1.25	1.38	0.7
1" x 1" x 3/4"	1MT060605	1MT060605G	1.38	1.38	1.44	0.81
1" x 1" x 1-1/4"	1MT060607	1MT060607G	1.38	1.38	1.56	0.82
1-1/4" x 1/2" x 1"	1MT070406	1MT070406G	1.56	1.56	1.69	1.1
1-1/4" x 1/2" x 1-1/4"	1MT070407	1MT070407G	1.56	1.56	1.56	1.1
1-1/4" x 3/4" x 3/4"	1MT070505	1MT070505G	1.6	1.6	1.44	1.1
1-1/4" x 3/4" x 1"	1MT070506	1MT070506G	1.6	1.6	1.69	1.12
1-1/4" x 3/4" x 1-1/4"	1MT070507	1MT070507G	1.60	1.60	1.60	1.12
1-1/4" x 1" x 1/2"	1MT070604	1MT070604G	1.56	1.56	1.38	1.13
1-1/4" x 1" x 3/4"	1MT070605	1MT070605G	1.56	1.56	1.44	1.13
1-1/4" x 1" x 1"	1MT070606	1MT070606G	1.56	1.56	1.69	1.13
1-1/4" x 1" x 1-1/4"	1MT070607	1MT070607G	1.56	1.56	1.71	1.15
1-1/4" x 1-1/4" x 1/2"	1MT070704	1MT070704G	1.38	1.38	1.56	1.15
1-1/4" x 1-1/4" x 3/4"	1MT070705	1MT070705G	1.4	1.4	1.6	1.15
1-1/4" x 1-1/4" x 1"	1MT070706	1MT070706G	1.56	1.56	1.69	1.2
1-1/4" x 1-1/4" x 1-1/2"	1MT070708	1MT070708G	1.56	1.56	1.81	1.2
1-1/4" x 1-1/4" x 2"	1MT070709	1MT070709G	1.56	1.56	2	1.23
1-1/2" x 1/2" x 3/4"	1MT080405	1MT080405G	1.63	1.63	1.75	1.23
1-1/2" x 1/2" x 1"	1MT080406	1MT080406G	1.63	1.63	1.81	1.35
1-1/2" x 1/2" x 1-1/4"	1MT080407	1MT080407G	1.63	1.63	1.88	1.36
1-1/2" x 3/4" x 1/2"	1MT080504	1MT080504G	1.71	1.71	1.56	1.38
1-1/2" x 3/4" x 3/4"	1MT080505	1MT080505G	1.71	1.71	1.6	1.38
1-1/2" x 3/4" x 1"	1MT080506	1MT080506G	1.71	1.71	1.69	1.41
1-1/2" x 3/4" x 1-1/4"	1MT080507	1MT080507G	1.71	1.71	1.7	1.42
1-1/2" x 3/4" x 1-1/2"	1MT080508	1MT080508G	1.71	1.71	1.81	1.43

THREADED FITTINGS

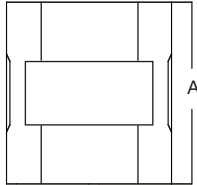


NOM SIZE	ITEM CODE		DIMENSION (IN)			WEIGHT (LBS)
	BLK	GALV	A	B	C	
1-1/2" x 1" x 1/2"	1MT080604	1MT080604G	1.56	1.56	1.69	1.2
1-1/2" x 1" x 3/4"	1MT080605	1MT080605G	1.56	1.56	1.81	1.2
1-1/2" x 1" x 1"	1MT080606	1MT080606G	1.56	1.56	2	1.23
1-1/2" x 1" x 1-1/4"	1MT080607	1MT080607G	1.63	1.63	1.75	1.23
1-1/2" x 1" x 1-1/2"	1MT080608	1MT080608G	1.63	1.63	1.81	1.35
1-1/2" x 1-1/4" x 1/2"	1MT080704	1MT080704G	1.63	1.63	1.88	1.36
1-1/2" x 1-1/4" x 3/4"	1MT080705	1MT080705G	1.71	1.71	1.56	1.38
1-1/2" x 1-1/4" x 1"	1MT080706	1MT080706G	1.71	1.71	1.6	1.38
1-1/2" x 1-1/4" x 1-1/4"	1MT080707	1MT080707G	1.71	1.71	1.69	1.41
1-1/2" x 1-1/4" x 1-1/2"	1MT080708	1MT080708G	1.71	1.71	1.7	1.42
1-1/2" x 1-1/2" x 1/2"	1MT080804	1MT080804G	1.71	1.71	1.81	1.43
1-1/2" x 1-1/2" x 3/4"	1MT080805	1MT080805G	1.5	1.5	1.75	1.3
1-1/2" x 1-1/2" x 1"	1MT080806	1MT080806G	1.63	1.63	1.81	1.45
1-1/2" x 1-1/2" x 1-1/4"	1MT080807	1MT080807G	1.81	1.81	1.88	1.52
1-1/2" X 1-1/2" X 2"	1MT080809	1MT080809G	1.85	1.85	2.00	1.53
2" x 1/2" x 2"	1MT090409	1MT090409G	1.91	1.91	2.11	1.53
2" x 3/4" x 2"	1MT090509	1MT090509G	1.95	1.95	2.14	1.56
2" x 1" x 1"	1MT090606	1MT090606G	2.01	2.01	2.17	1.57
2" x 1" x 1-1/2"	1MT090608	1MT090608G	2.01	2.01	2.2	1.58
2" x 1" x 2"	1MT090609	1MT090609G	2.01	2.01	2.23	1.6
2" x 1-1/4" x 1"	1MT090706	1MT090706G	2.14	2.14	2.22	1.62
2" x 1-1/4" x 1-1/2"	1MT090708	1MT090708G	2.14	2.14	2.25	1.63
2" x 1-1/4" x 2"	1MT090709	1MT090709G	2.14	2.14	2.35	1.63
2" x 1-1/2" x 1/2"	1MT090804	1MT090804G	2.24	2.24	2.38	1.56
2" x 1-1/2" x 3/4"	1MT090805	1MT090805G	2.24	2.24	2.42	1.58
2" x 1-1/2" x 1"	1MT090806	1MT090806G	2.24	2.24	2.46	1.62
2" x 1-1/2" x 1-1/4"	1MT090807	1MT090807G	2.24	2.24	2.52	1.63
2" x 1-1/2" x 1-1/2"	1MT090808	1MT090808G	2.24	2.24	2.62	1.64
2" x 1-1/2" x 2"	1MT090809	1MT090809G	2.24	2.24	2.72	1.65
2" x 2" x 1/2"	1MT090904	1MT090904G	1.5	1.5	1.88	1.65
2" x 2" x 3/4"	1MT090905	1MT090905G	1.63	1.63	2	1.87
2" x 2" x 1"	1MT090906	1MT090906G	1.75	1.75	2	1.78
2" x 2" x 1-1/4"	1MT090907	1MT090907G	1.88	1.88	2.13	2.35
2" x 2" x 1-1/2"	1MT090908	1MT090908G	2	2	2.19	2.55
2" X 2" X 2-1/2"	1MT090910	1MT090910G	2.15	2.15	2.26	2.85
2-1/2" X 2" X 2"	1MT100909	1MT100909G	2.13	2.13	2.32	2.85
2-1/2" X 2-1/2" x 1"	1MT101006	1MT101006G	1.88	1.88	2.38	2.85
2-1/2" x 2-1/2" x 1-1/4"	1MT101007	1MT101007G	2.06	2.06	2.44	3.36
2-1/2" x 2-1/2" x 1-1/2"	1MT101008	1MT101008G	2.19	2.19	2.5	3.46
2-1/2" x 2-1/2" x 2"	1MT101009	1MT101009G	2.38	2.38	2.62	3.65
3" X 3" X 1/2"	1MT111104	1MT111104G	1.76	1.76	2.52	4.03
3" x 3" x 3/4"	1MT111105	1MT111105G	1.88	1.88	1.63	4.03
3" x 3" x 1"	1MT111106	1MT111106G	2	2	2.62	4.13
3" x 3" x 1-1/4"	1MT111107	1MT111107G	2.19	2.19	2.75	4.5
3" x 3" x 1-1/2"	1MT111108	1MT111108G	2.31	2.31	2.81	5.18
3" x 3" x 2"	1MT111109	1MT111109G	2.5	2.5	2.88	5.7
3" x 3" x 2-1/2"	1MT111110	1MT111110G	2.57	2.57	2.89	5.72
4" X 4" 1-1/4"	1MT121207	1MT121207G	2.39	2.39	3.26	7.47
4" X 4" X 1-1/2"	1MT121208	1MT121208G	2.51	2.51	3.33	7.47
4" X 4" X 2"	1MT121209	1MT121209G	2.75	2.75	3.44	7.7
4" X 4" X 2-1/2"	1MT121210	1MT121210G	2.75	2.75	3.44	7.7
4" X 4" X 3"	1MT121211	1MT121211G	3.31	3.31	3.63	8.5

THREADED FITTINGS

Coupling Malleable

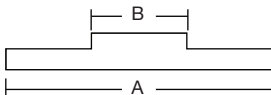
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)	WEIGHT (LBS)
	BLK	GALV	A	
1/8"	1MCP0101	1MCP0101G	0.75	0.06
1/4"	1MCP0202	1MCP0202G	0.92	0.09
3/8"	1MCP0303	1MCP0303G	1.18	0.11
1/2"	1MCP0404	1MCP0404G	1.31	0.19
3/4"	1MCP0505	1MCP0505G	1.5	0.28
1"	1MCP0606	1MCP0606G	1.69	0.38
1-1/4"	1MCP0707	1MCP0707G	1.93	0.66
1-1/2"	1MCP0808	1MCP0808G	2.13	0.80
2"	1MCP0909	1MCP0909G	2.5	1.32
2-1/2"	1MCP1010	1MCP1010G	2.88	2.25
3"	1MCP1111	1MCP1111G	3.19	3.50
4"	1MCP1212	1MCP1212G	3.69	5.66
6"	1MCP1414	1MCP1414G	4.89	12.32

Floor Flange Malleable

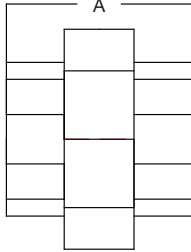
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A	B	
1/2"	1MFF04	1MFF04G	3.50	2.50	0.56
3/4"	1MFF05	1MFF05G	3.50	2.50	0.60
1"	1MFF06	1MFF06G	4.00	3.00	1.00
1-1/4"	1MFF07	1MFF07G	4.00	3.00	1.12
1-1/2"	1MFF08	1MFF08G	4.50	3.50	1.40
2"	1MFF09	1MFF09G	5.50	4.25	2.20

Union Malleable

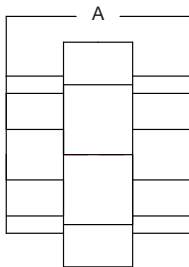
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)	WEIGHT (LBS)
	BLK	GALV	A	
1/4"	1MUN02	1MUN02G	1.81	0.23
3/8"	1MUN03	1MUN03G	1.81	0.34
1/2"	1MUN04	1MUN04G	1.94	0.45
3/4"	1MUN05	1MUN05G	2.06	0.61
1"	1MUN06	1MUN06G	2.44	0.99
1-1/4"	1MUN07	1MUN07G	2.63	1.23
1-1/2"	1MUN08	1MUN08G	2.75	1.77
2"	1MUN09	1MUN09G	2.94	2.72
3"	1MUN11	1MUN11G	3.63	5.73
4"	1MUN12	1MUN12G	3.75	9.04

Union w/ Brass Seat Malleable

- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1

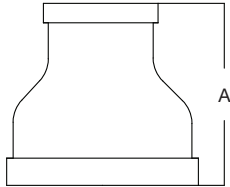


NOM SIZE	ITEM CODE		DIMENSION (IN)	WEIGHT (LBS)
	BLK	GALV	A	
1/4"	1MUNBS02	1MUNBS02G	1.81	0.23
3/8"	1MUNBS03	1MUNBS03G	1.81	0.35
1/2"	1MUNBS04	1MUNBS04G	1.94	0.43
3/4"	1MUNBS05	1MUNBS05G	2.06	0.62
1"	1MUNBS06	1MUNBS06G	2.44	0.99
1-1/4"	1MUNBS07	1MUNBS07G	2.63	1.27
1-1/2"	1MUNBS08	1MUNBS08G	2.75	1.77
2"	1MUNBS09	1MUNBS09G	2.94	2.78
3"	1MUNBS11	1MUNBS11G	3.63	5.73
4"	1MUNBS12	1MUNBS12G	3.75	9.19

THREADED FITTINGS

Reducing Coupling Malleable

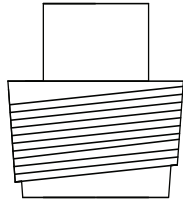
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)	WEIGHT (LBS)
	BLK	GALV	A	
3/8" x 1/4"	1MCR0302	1MCP0101G	0.12	0.10
1/2" x 3/8"	1MCR0403	1MCP0202G	0.17	0.13
3/4" x 1/2"	1MCR0504	1MCP0303G	0.27	0.13
1" x 1/2"	1MCR0604	1MCP0404G	0.39	0.14
1" x 3/4"	1MCR0605	1MCP0505G	0.43	0.19
1-1/4" x 1/2"	1MCR0704	1MCP0606G	0.61	0.19
1-1/4" x 3/4"	1MCR0705	1MCP0707G	0.64	0.21
1-1/4" x 1"	1MCR0706	1MCP0808G	0.68	0.22
1-1/2" x 1/2"	1MCR0804	1MCP0909G	0.78	0.31
1-1/2" x 3/4"	1MCR0805	1MCP1010G	0.88	0.33
1-1/2" x 1"	1MCR0806	1MCP1111G	0.88	0.34
1-1/2" x 1-1/4"	1MCR0807	1MCP1212G	0.9	0.54
2" x 1/2"	1MCR0904	1MCP1414G	1.15	0.50
2" x 3/4"	1MCR0905	1MCR0905G	1.34	0.56
2" x 1"	1MCR0906	1MCR0906G	1.4	0.66
2" x 1-1/4"	1MCR0907	1MCR0907G	1.53	0.71
2" x 1-1/2"	1MCR0908	1MCR0908G	1.55	0.60
2-1/2" x 1-1/4"	1MCR1007	1MCR1007G	2.09	0.71
2-1/2" x 1-1/2"	1MCR1008	1MCR1008G	2.09	0.79
2-1/2" x 2"	1MCR1009	1MCR1009G	2.51	1.05
3" x 1"	1MCR1106	1MCR1106G	2.75	0.99
3" x 1-1/4"	1MCR1107	1MCR1107G	2.99	1.03
3" x 1-1/2"	1MCR1108	1MCR1108G	3.3	1.08
3" x 2"	1MCR1109	1MCR1109G	3.25	1.85
3" x 2-1/2"	1MCR1110	1MCR1110G	3.29	1.96
4" x 1-1/2"	1MCR1208	1MCR1208G	4.9	2.14
4" x 2"	1MCR1209	1MCR1209G	5.1	2.71
4" x 2-1/2"	1MCR1210	1MCR1210G	6.55	2.91
4" x 3"	1MCR1211	1MCR1211G	6.62	4.43
6" x 4"	1MCR1412	1MCR1412G	8.25	12.47

Plug Malleable

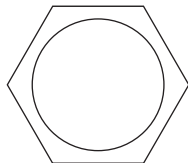
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		WEIGHT (LBS)
	BLK	GALV	
1/8"	1MPLG01	1MPLG01G	0.02
1/4"	1MPLG02	1MPLG02G	0.04
3/8"	1MPLG03	1MPLG03G	0.06
1/2"	1MPLG04	1MPLG04G	0.09
3/4"	1MPLG05	1MPLG05G	0.15
1"	1MPLG06	1MPLG06G	0.22
1-1/4"	1MPLG07	1MPLG07G	0.33
1-1/2"	1MPLG08	1MPLG08G	0.47
2"	1MPLG09	1MPLG09G	0.73
2-1/2"	1MPLG10	1MPLG10G	1.19
3"	1MPLG11	1MPLG11G	1.73
4"	1MPLG12	1MPLG12G	2.20

Hex Nut Malleable

- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1

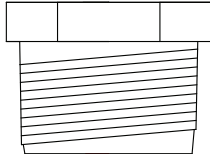


NOM SIZE	ITEM CODE		WEIGHT (LBS)
	BLK	GALV	
1/2"	1MLN04	1MLN04G	0.12
3/4"	1MLN05	1MLN05G	0.22
1"	1MLN06	1MLN06G	0.38
1-1/4"	1MLN07	1MLN07G	0.58
1-1/2"	1MLN08	1MLN08G	0.73
2"	1MLN09	1MLN09G	1.13
2-1/2"	1MLN10	1MLN10G	1.15

THREADED FITTINGS

Bushings Malleable

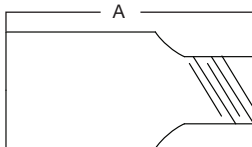
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		WEIGHT (LBS)
	BLK	GALV	
1/4" x 1/8"	1MBSH0201	1MBSH0201G	0.03
3/8" x 1/8"	1MBSH0301	1MBSH0301G	0.05
3/8" x 1/4"	1MBSH0302	1MBSH0302G	0.04
1/2" x 1/8"	1MBSH0401	1MBSH0401G	0.08
1/2" x 1/4"	1MBSH0402	1MBSH0402G	0.08
1/2" x 3/8"	1MBSH0403	1MBSH0403G	0.07
3/4" x 1/8"	1MBSH0501	1MBSH0501G	0.15
3/4" x 1/4"	1MBSH0502	1MBSH0502G	0.13
3/4" x 3/8"	1MBSH0503	1MBSH0503G	0.12
3/4" x 1/2"	1MBSH0504	1MBSH0504G	0.11
1" x 1/8"	1MBSH0601	1MBSH0601G	0.18
1" x 1/4"	1MBSH0602	1MBSH0602G	1.76
1" x 3/8"	1MBSH0603	1MBSH0603G	0.16
1" x 1/2"	1MBSH0604	1MBSH0604G	0.22
1" x 3/4"	1MBSH0605	1MBSH0605G	0.18
1-1/4" x 1/4"	1MBSH0702	1MBSH0702G	0.32
1-1/4" x 3/8"	1MBSH0703	1MBSH0703G	0.29
1-1/4" x 1/2"	1MBSH0704	1MBSH0704G	0.30
1-1/4" x 3/4"	1MBSH0705	1MBSH0705G	0.40
1-1/4" x 1"	1MBSH0706	1MBSH0706G	0.31
1-1/2" x 1/4"	1MBSH0802	1MBSH0802G	0.37
1-1/2" x 3/8"	1MBSH0803	1MBSH0803G	0.36
1-1/2" x 1/2"	1MBSH0804	1MBSH0804G	0.37
1-1/2" x 3/4"	1MBSH0805	1MBSH0805G	0.41
1-1/2" x 1"	1MBSH0806	1MBSH0806G	0.48
1-1/2" x 1-1/4"	1MBSH0807	1MBSH0807G	0.35
2" x 1/4"	1MBSH0902	1MBSH0902G	0.56
2" X 3/8"	1MBSH0903	1MBSH0903G	0.55
2" x 1/2"	1MBSH0904	1MBSH0904G	0.53
2" X 3/4"	1MBSH0905	1MBSH0905G	0.62
2" x 1"	1MBSH0906	1MBSH0906G	0.61
2" x 1-1/4"	1MBSH0907	1MBSH0907G	0.74
2" x 1-1/2"	1MBSH0908	1MBSH0908G	0.62
2-1/2" x 1/2"	1MBSH1004	1MBSH1004G	0.95
2-1/2" X 3/4"	1MBSH1005	1MBSH1005G	0.84
2-1/2" x 1"	1MBSH1006	1MBSH1006G	0.87
2-1/2" x 1-1/4"	1MBSH1007	1MBSH1007G	1.11
2-1/2" X 1-1/2"	1MBSH1008	1MBSH1008G	1.31
2-1/2" x 2"	1MBSH1009	1MBSH1009G	0.92
3" x 3/4"	1MBSH1105	1MBSH1105G	1.42
3" x 1"	1MBSH1106	1MBSH1106G	1.46
3" x 1-1/4"	1MBSH1107	1MBSH1107G	1.39
3" x 1-1/2"	1MBSH1108	1MBSH1108G	1.49
3" x 2"	1MBSH1109	1MBSH1109G	1.91
3" x 2-1/2"	1MBSH1110	1MBSH1110G	1.75
4" x 3/4"	1MBSH1205	1MBSH1205G	2.58
4" X 1"	1MBSH1206	1MBSH1206G	2.45
4" x 1-1/4"	1MBSH1207	1MBSH1207G	2.49
4" x 1-1/2"	1MBSH1208	1MBSH1208G	2.36
4" x 2"	1MBSH1209	1MBSH1209G	2.10
4" x 2-1/2"	1MBSH1210	1MBSH1210G	2.78
4" x 3"	1MBSH1211	1MBSH1211G	2.58
5" x 4"	1MBSH1312	1MBSH1312G	4.34
6" x 3"	1MBSH1411	1MBSH1411G	6.06
6" x 4"	1MBSH1412	1MBSH1412G	6.19
6" x 5"	1MBSH1413	1MBSH1413G	6.41

Extension Malleable

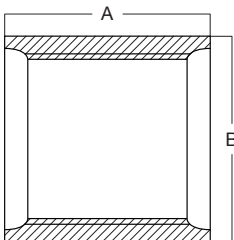
- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Material: Malleable Iron per ASTM A197
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A		
1/2"	1MEX04	1MEX04G	1.72		0.16
3/4"	1MEX05	1MEX05G	1.82		0.25
1"	1MEX06	1MEX06G	2.20		0.34
1-1/4"	1MEX07	1MEX07G	2.60		0.55

Merchant Right & Left Couplings Malleable

- Dimensions: ANSI B16.3, B16.39 CLASS 150
- Coating: Black- none; Galvanized- Hot Dip per ASTM A153
- Threads: Pipe Threads, General Purpose ASME B1.20.1

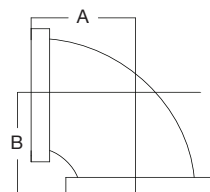


NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A	B	
1/2"	RLCB0404	RLCG0404	2.12	1.06	0.2
3/4"	RLCB0505	RLCG0505	2.12	1.31	0.3
1"	RLCB0606	RLCG0606	2.62	1.57	0.5
1-1/4"	RLCB0707	RLCG0707	2.75	2.05	0.9
1-1/2"	RLCB0808	RLCG0808	2.75	2.20	0.9
2"	RLCB0909	RLCG0909	2.87	2.87	1.7

THREADED FITTINGS

90 Elbow Ductile Iron

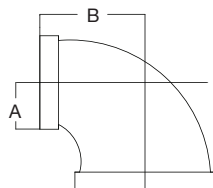
- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1"	1D90B0606	1.50	1.50	0.62
1-1/4"	1D90B0707	1.75	1.75	0.90
1-1/2"	1D90B0808	1.94	1.94	1.20
2"	1D90B0909	2.25	2.25	1.85

90 Reducing Elbow Ductile Iron

- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1

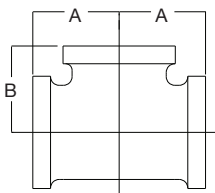


NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1" X 1/2"	1D90R0604	1.26	1.36	0.44
1" X 3/4"	1D90R0605	1.37	1.45	0.52
1 1/4" X 1/2"	1D90R0704	1.34	1.53	0.64
1 1/4" X 3/4"	1D90R0705	1.45	1.62	0.72
1 1/4" X 1"	1D90R0706	1.58	1.67	0.75
1 1/2" X 1"	1D90R0806	1.65	1.80	0.92
1 1/2" X 1 1/4"	1D90R0807	1.82	1.88	1.08
2" X 1/2"	1D90R0904	1.49	1.88	1.08
2" X 3/4"	1D90R0905	1.60	1.97	1.24
2" X 1"	1D90R0906	1.73	2.02	1.40
2" X 1 1/4"	1D90R0907	1.90	2.10	1.52
2" X 1 1/2"	1D90R0908	2.02	2.16	1.65

Notice: **D.I. Fittings** have higher tensile strength than that of steel pipe, over tightening can cause damage to pipe threads which may cause leakage.
D.I. Fitting should be tightened three turns beyond hand tighten, no more than four turns.

Straight Tee Ductile Iron

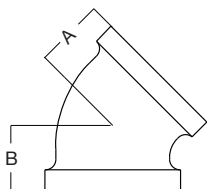
- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1"	1DT060606	1.50	1.50	0.85
1-1/4"	1DT070707	1.75	1.75	1.22
1-1/2"	1DT080808	1.94	1.94	1.55
2"	1DT090909	2.25	2.25	2.45

45 Elbow Ductile Iron

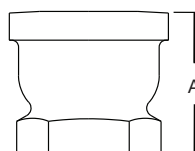
- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1"	1D45B0606	1.12	1.12	0.46
1-1/4"	1D45B0707	1.29	1.29	0.73
1-1/2"	1D45B0808	1.43	1.43	0.92
2"	1D45B0909	1.68	1.68	1.50

Reducing Coupling Ductile Iron

- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



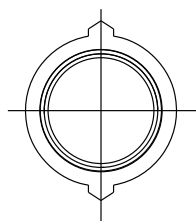
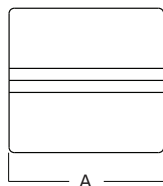
NOM SIZE	ITEM CODE	DIMENSION (IN)	WEIGHT (LBS)
	BLK	A	
1" X 1/2"	1DCR0604	1.69	0.39
1" X 3/4"	1DCR0605	1.69	0.53

Notice: **D.I. Fittings** have higher tensile strength than that of steel pipe, over tightening can cause damage to pipe threads which may cause leakage.
D.I. Fitting should be tightened three turns beyond hand tighten, no more than four turns.

THREADED FITTINGS

Coupling Ductile Iron

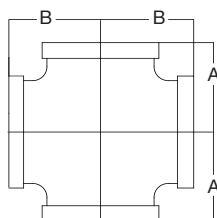
- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)	WEIGHT (LBS)
	BLK	A	
1"	1DCP0606	1.50	0.85
1-1/4"	1DCP0707	1.75	1.22
1-1/2"	1DCP0808	1.94	1.55
2"	1DCP0909	2.25	2.45

Cross Ductile Iron

- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1

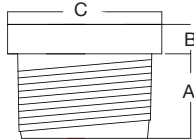


NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1"	1DX0606	1.50	1.50	0.98
1 1/4"	1DX0707	1.75	1.75	1.50
1 1/2"	1DX0808	1.94	1.94	1.90
2"	1DX0909	2.25	2.25	2.95
1 1/4" X 1"	1DX0706	1.58	1.58	1.27
1 1/2" X 1"	1DX0806	1.65	1.65	1.45
2" X 1"	1DX0906	1.73	1.73	2.10

Notice: **D.I. Fittings** have higher tensile strength than that of steel pipe, over tightening can cause damage to pipe threads which may cause leakage.
D.I. Fitting should be tightened three turns beyond hand tighten, no more than four turns.

Bushing Ductile Iron

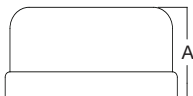
- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)			WEIGHT (LBS)
	BLK	A	B	C	
1" X 1/2"	1DBUS0604	0.75	0.25	1.42	0.22
1" X 3/4"	1DBUS0605	0.75	0.25	1.42	0.17
1 1/4" X 1"	1DBUS0706	0.80	0.28	1.76	1.28
1 1/2" X 1"	1DBUS0806	0.83	0.31	2.00	0.44
1 1/2" X 1 1/4"	1DBUS0807	0.83	0.31	2.00	0.30
2" X 1"	1DBUS0906	0.88	0.41	1.95	0.66
2" X 1 1/4"	1DBUS0907	0.88	0.34	2.48	0.72
2" X 1 1/2"	1DBUS0908	0.88	0.34	2.48	0.61

Cap Ductile Iron

- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



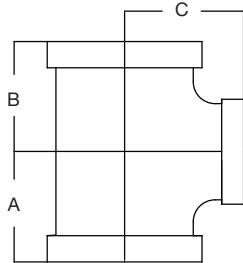
NOM SIZE	ITEM CODE	DIMENSION (IN)	WEIGHT (LBS)
	BLK	A	
1"	1DK06	1.16	0.32
1-1/4"	1DK07	1.28	0.43
1-1/2"	1DK08	1.33	0.60
2"	1DK09	1.45	0.91

Notice: **D.I. Fittings** have higher tensile strength than that of steel pipe, over tightening can cause damage to pipe threads which may cause leakage.
D.I. Fitting should be tightened three turns beyond hand tighten, no more than four turns.

THREADED FITTINGS

Reducing Tee Ductile Iron

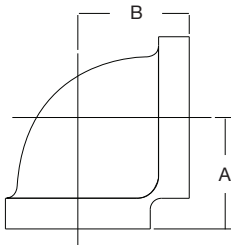
- Dimensions: ANSI B16.3 CLASS 150
- Material: Ductile Iron per ASTM A536 Grade 65-45-12
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)			WEIGHT (LBS)
	BLK	A	B	C	
1" x 1" x 1/2"	1DT060604	1.26	1.26	1.36	0.64
1" x 1" x 3/4"	1DT060605	1.37	1.37	1.45	0.73
1" x 1/2" x 1"	1DT060406	1.50	1.36	1.50	0.71
1" x 3/4" x 1"	1DT060506	1.50	1.45	1.50	0.76
1" x 1" x 1 1/4"	1DT060607	1.67	1.67	1.58	0.98
1" x 1" x 1 1/2"	1DT060608	1.80	1.80	1.65	1.16
1 1/4" x 1" x 1/2"	1DT070604	1.34	1.26	1.53	0.82
1 1/4" x 1" x 3/4"	1DT070605	1.45	1.37	1.62	0.90
1 1/4" x 1" x 1"	1DT070606	1.58	1.50	1.67	1.00
1 1/4" x 1" x 1 1/4"	1DT070607	1.75	1.67	1.75	1.08
1 1/4" x 1" x 1 1/2"	1DT070608	1.88	1.88	1.82	1.42
1 1/4" x 1 1/4" x 1/2"	1DT070704	1.34	1.34	1.53	0.86
1 1/4" x 1 1/4" x 3/4"	1DT070705	1.45	1.45	1.62	0.92
1 1/4" x 1 1/4" x 1"	1DT070706	1.58	1.58	1.67	0.95
1 1/4" x 1 1/4" x 1"	1DT070708	1.88	1.88	1.82	1.45
1 1/4" x 1 1/4" x 2"	1DT070709	2.10	2.10	1.90	1.75
1 1/2" x 1" x 1/2"	1DT080604	1.41	1.34	1.66	0.95
1 1/2" x 1" x 3/4"	1DT080605	1.52	1.37	1.75	1.14
1 1/2" x 1" x 1"	1DT080606	1.65	1.50	1.80	1.17
1 1/2" x 1" x 1 1/4"	1DT080607	1.82	1.67	1.88	1.34
1 1/2" x 1" x 1 1/2"	1DT080608	1.94	1.80	1.94	1.45
1 1/2" x 1 1/4" x 1/2"	1DT080704	1.41	1.34	1.66	1.05
1 1/2" x 1 1/4" x 3/4"	1DT080705	1.52	1.45	1.75	1.15
1 1/2" x 1 1/4" x 1"	1DT080706	1.65	1.58	1.80	1.25
1 1/2" x 1 1/4" x 2"	1DT080709	2.16	2.10	2.02	1.90
1 1/2" x 1 1/2" x 1/2"	1DT080804	1.41	1.41	1.16	1.15
1 1/2" x 1 1/2" x 3/4"	1DT080805	1.52	1.52	1.75	1.24
1 1/2" x 1 1/2" x 1"	1DT080806	1.65	1.65	1.80	1.30
1 1/2" x 1 1/2" x 1"	1DT080807	1.82	1.82	1.88	1.48
1 1/2" x 1 1/2" x 2"	1DT080809	2.16	2.16	2.02	1.98
2" x 1" x 2"	1DT090609	2.25	2.02	2.25	2.15
2" x 1 1/4" x 2"	1DT090709	2.25	2.10	2.25	2.30
2" x 1 1/2" x 1/2"	1DT090804	1.49	1.41	1.88	1.50
2" x 1 1/2" x 3/4"	1DT090805	1.60	1.52	1.97	1.62
2" x 1 1/2" x 1"	1DT090806	1.73	1.65	2.02	1.64
2" x 1 1/2" x 1 1/4"	1DT090807	1.90	1.82	2.10	1.80
2" x 1 1/2" x 1 1/2"	1DT090808	2.02	1.94	2.16	2.00
2" x 1 1/2" x 2"	1DT090809	2.25	2.16	2.25	2.35
2" x 2" x 1/2"	1DT090904	1.49	1.49	1.88	1.60
2" x 2" x 3/4"	1DT090905	1.60	1.60	1.97	1.68
2" x 2" x 1"	1DT090906	1.73	1.73	2.02	1.85
2" x 2" x 1 1/4"	1DT090907	1.90	1.90	2.10	2.04
2" x 2" x 1 1/2"	1DT090908	2.02	2.02	2.16	2.18
2" x 2" x 2 1/2"	1DT090910	2.60	2.60	2.39	3.61
2 1/2" x 2" x 3/4"	1DT100905	1.74	1.60	2.32	2.28

90 Elbow Cast Iron

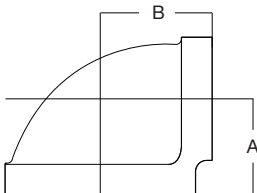
- Dimensions: ANSI B16.4 CLASS 125
- Material: Cast Gray Iron per ASTM 126 Class B
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1"	1C90B0606	1.50	1.50	0.85
1-1/4"	1C90B0707	1.75	1.75	1.22
1-1/2"	1C90B0808	1.94	1.94	1.55
2"	1C90B0909	2.25	2.25	2.45
2-1/2"	1C90B1010	2.70	2.70	4.80

90 Reducing Elbow Cast Iron

- Dimensions: ANSI B16.4 CLASS 125
- Material: Cast Gray Iron per ASTM 126 Class B
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1

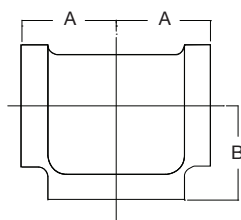


NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1" X 1/2"	1C90R0604	1.26	1.36	0.44
1" X 3/4"	1C90R0605	1.37	1.45	0.52
1 1/4" X 1/2"	1C90R0704	1.34	1.53	0.64
1 1/4" X 3/4"	1C90R0705	1.45	1.62	0.72
1 1/4" X 1"	1C90R0706	1.58	1.67	0.75
1 1/2" X 1/2"	1C90R0804	1.60	1.70	1.17
1 1/2" X 3/4"	1C90R0805	1.61	1.72	1.30
1 1/2" X 1"	1C90R0806	1.65	1.80	0.92
1 1/2" X 1 1/4"	1C90R0807	1.82	1.88	1.08
2" X 1/2"	1C90R0904	1.49	1.88	1.08
2" X 3/4"	1C90R0905	1.60	1.97	1.24
2" X 1"	1C90R0906	1.73	2.02	1.40
2" X 1 1/4"	1C90R0907	1.90	2.10	1.52
2" X 1 1/2"	1C90R0908	2.02	2.16	1.65

THREADED FITTINGS

Straight Tee Cast Iron

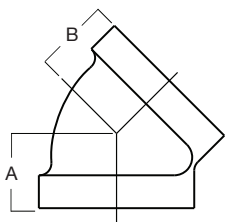
- Dimensions: ANSI B16.4 CLASS 125
- Material: Cast Gray Iron per ASTM 126 Class B
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1"	1CT060606	1.50	1.50	0.85
1-1/4"	1CT070707	1.75	1.75	1.22
1-1/2"	1CT080808	1.94	1.94	1.55
2"	1CT090909	2.25	2.25	2.45
2-1/2"	1CT101010	2.70	2.70	6.39

45 Elbow Cast Iron

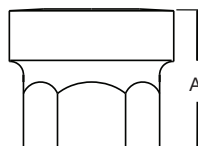
- Dimensions: ANSI B16.4 CLASS 125
- Material: Cast Gray Iron per ASTM 126 Class B
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1"	1C45B0606	1.12	1.12	0.46
1-1/4"	1C45B0707	1.29	1.29	0.73
1-1/2"	1C45B0808	1.43	1.43	0.92
2"	1C45B0909	1.68	1.68	1.50

Reducing Coupling Cast Iron

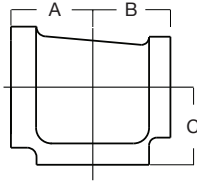
- Dimensions: ANSI B16.4 CLASS 125
- Material: Cast Gray Iron per ASTM 126 Class B
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)	WEIGHT (LBS)
	BLK	A	
1" X 1/2"	1CCR0604	1.69	0.62
1" X 3/4"	1CCR0605	1.69	0.69

Reducing Tee Cast Iron

- Dimensions: ANSI B16.4 CLASS 125
- Material: Cast Gray Iron per ASTM 126 Class B
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1

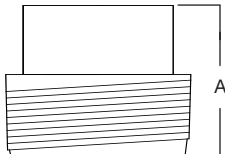


NOM SIZE	ITEM CODE	DIMENSION (IN)			WEIGHT (LBS)
	BLK	A	B	C	
1" x 1" x 1/2"	1CT060604	1.26	1.26	1.36	0.95
1" x 1" x 3/4"	1CT060605	1.37	1.37	1.45	1.10
1" x 1/2" x 1"	1CT060406	1.50	1.36	1.50	1.08
1" x 3/4" x 1"	1CT060506	1.50	1.45	1.50	1.18
1" x 1" x 1 1/4"	1CT060607	1.67	1.67	1.58	1.52
1" x 1" x 1 1/2"	1CT060608	1.80	1.80	1.65	1.73
1 1/4" x 1" x 1/2"	1CT070604	1.34	1.26	1.53	1.17
1 1/4" x 1" x 3/4"	1CT070605	1.45	1.37	1.62	1.38
1 1/4" x 1" x 1"	1CT070606	1.58	1.50	1.57	1.47
1 1/4" x 1" x 1 1/4"	1CT070607	1.75	1.67	1.75	1.80
1 1/4" x 1" x 1 1/2"	1CT070608	1.88	1.80	1.82	2.05
1 1/4" x 1 1/4" x 1/2"	1CT070704	1.34	1.34	1.53	1.37
1 1/4" x 1 1/4" x 3/4"	1CT070705	1.45	1.45	1.62	1.54
1 1/4" x 1 1/4" x 1"	1CT070706	1.58	1.58	1.67	1.65
1 1/4" x 1 1/4" x 1 1/2"	1CT070708	1.88	1.88	1.82	2.21
1 1/4" x 1 1/4" x 2"	1CT070709	2.10	2.10	1.90	2.55
1 1/2" x 1" x 1/2"	1CT080604	1.41	1.34	1.66	1.41
1 1/2" x 1" x 3/4"	1CT080605	1.52	1.37	1.75	1.65
1 1/2" x 1" x 1"	1CT080606	1.65	1.50	1.80	1.65
1 1/2" x 1" x 1 1/4"	1CT080607	1.82	1.67	1.88	2.00
1 1/2" x 1" x 1 1/2"	1CT080608	1.94	1.80	1.94	2.30
1 1/2" x 1 1/4" x 1/2"	1CT080704	1.41	1.34	1.66	1.58
1 1/2" x 1 1/4" x 3/4"	1CT080705	1.52	1.45	1.75	1.72
1 1/2" x 1 1/4" x 1"	1CT080706	1.65	1.58	1.80	1.85
1 1/2" x 1 1/4" x 1 1/4"	1CT080707	1.82	1.75	1.88	2.22
1 1/2" x 1 1/4" x 1 1/2"	1CT080708	1.94	1.88	1.94	2.45
1 1/2" x 1 1/4" x 2"	1CT080709	2.16	2.10	2.02	2.80
1 1/2" x 1 1/2" x 1/2"	1CT080804	1.41	1.41	1.66	1.76
1 1/2" x 1 1/2" x 3/4"	1CT080805	1.52	1.52	1.75	1.87
1 1/2" x 1 1/2" x 1"	1CT080806	1.65	1.65	1.80	1.94
1 1/2" x 1 1/2" x 1 1/4"	1CT080807	1.82	1.82	1.88	2.29
1 1/2" x 1 1/2" x 2"	1CT080809	2.16	2.16	2.02	3.28
2" x 1" x 2"	1CT090609	2.25	2.02	2.25	3.40
2" x 1 1/4" x 2"	1CT090709	2.25	2.10	2.25	2.80
2" x 1 1/2" x 1/2"	1CT090804	1.49	1.41	1.88	2.09
2" x 1 1/2" x 3/4"	1CT090805	1.60	1.52	1.97	2.40
2" x 1 1/2" x 1"	1CT090806	1.73	1.65	2.02	2.54
2" x 1 1/2" x 1 1/4"	1CT090807	1.90	1.82	2.10	2.85
2" x 1 1/2" x 1 1/2"	1CT090808	1.49	1.41	1.88	2.24
2" x 1 1/2" x 2"	1CT090809	2.25	2.16	2.25	3.75
2" x 2" x 1/2"	1CT090904	1.49	1.49	1.88	2.60
2" x 2" x 3/4"	1CT090905	1.60	1.60	1.97	2.71
2" x 2" x 1"	1CT090906	1.73	1.73	2.02	2.97
2" x 2" x 1 1/4"	1CT090907	1.90	1.90	2.10	3.32
2" x 2" x 1 1/2"	1CT090908	2.02	2.02	2.16	3.72
2" x 2" x 2 1/2"	1CT090910	2.60	2.60	2.39	5.10

THREADED FITTINGS

Plugs Cast Iron

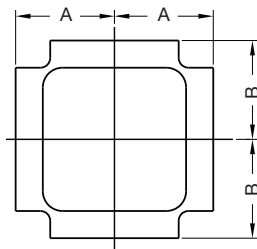
- Dimensions: ANSI B16.4 CLASS 125
- Material: Cast Gray Iron per ASTM 126 Class B
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)	WEIGHT (LBS)
	BLK	A	
1/2"	1CPLG0404	0.94	0.10
3/4"	1CPLG0505	1.07	0.17
1"	1CPLG0606	1.25	0.28
1 1/4"	1CPLG0707	1.36	0.44
1 1/2"	1CPLG0808	1.45	0.62
2"	1CPLG0909	1.56	0.91

Cross Cast Iron

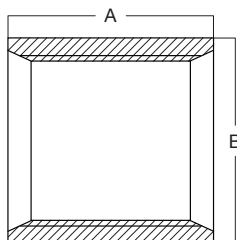
- Dimensions: ANSI B16.4 CLASS 125
- Material: Cast Gray Iron per ASTM 126 Class B
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE	DIMENSION (IN)		WEIGHT (LBS)
	BLK	A	B	
1"	1CX0606	1.50	1.50	1.54
1 1/4"	1CX0707	1.75	1.75	2.40
1 1/2"	1CX0808	1.94	1.94	3.10
2"	1CX0909	2.25	2.25	4.00
1 1/4" X 1"	1CX0706	1.58	1.67	2.05
1 1/2" X 1"	1CX0806	1.65	1.80	2.40
2" X 1"	1CX0906	1.73	2.02	2.75

Merchant Couplings

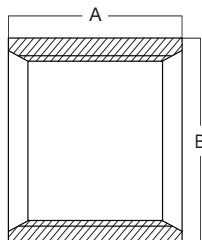
- Material: Carbon Steel per ASTM A 865
- Coating: Black- plain; Galvanized per ASTM B633
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK	GALV	A	B	
1/8"	1MCC0101	1MCC0101G	0.81	0.56	0.03
1/4"	1MCC0202	1MCC0202G	1.18	0.71	0.07
3/8"	1MCC0303	1MCC0303G	1.18	0.87	0.1
1/2"	1MCC0404	1MCC0404G	1.56	1.06	0.1
3/4"	1MCC0505	1MCC0505G	1.62	1.31	0.2
1"	1MCC0606	1MCC0606G	2.00	1.57	0.3
1-1/4"	1MCC0707	1MCC0707G	2.06	1.90	0.4
1-1/2"	1MCC0808	1MCC0808G	2.06	2.20	0.6
2"	1MCC0909	1MCC0909G	2.12	2.75	1.0
2-1/2"	1MCC1010	1MCC1010G	3.12	3.25	2.2
3"	1MCC1111	1MCC1111G	3.25	4.00	3.0
4"	1MCC1212	1MCC1212G	3.50	5.00	4.4
5"	1MCC1313	1MCC1313G	3.75	6.29	7.2
6"	1MCC1414	1MCC1414G	4.00	7.39	10.5

Merchant Half Couplings

- Material: Carbon Steel per ASTM A 865
- Coating: Black- plain;
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	ITEM CODE		DIMENSION (IN)		WEIGHT (LBS)
	BLK		A	B	
1/8"	1MHC0101		0.38	0.56	0.01
1/4"	1MHC0202		0.57	0.71	0.03
3/8"	1MHC0303		0.57	0.87	0.05
1/2"	1MHC0404		0.75	1.06	0.08
3/4"	1MHC0505		0.79	1.31	0.1
1"	1MHC0606		1.00	1.57	0.1
1-1/4"	1MHC0707		1.03	1.90	0.2
1-1/2"	1MHC0808		1.03	2.20	0.3
2"	1MHC0909		1.06	2.75	0.5
2-1/2"	1MHC1010		1.06	3.25	1.1
3"	1MHC1111		1.56	4.00	1.5
4"	1MHC1212		1.80	5.00	2.2
5"	1MHC1313		1.90	6.29	3.6
6"	1MHC1414		2.00	7.39	5.2

THREADED FITTINGS

Pipe Nipples Black Steel

- Material & Dimensions: ASME A733 & ASME A53 Welded Pipe Sch. 40
- Coating: Black
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	LENGTH													
	CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"
1/8"	1NB0101	1NB0108	1NB0109	1NB0110	1NB0111	1NB0111-5	1NB0112	1NB0112-5	1NB0113	1NB0113-5	1NB0114	1NB0114-5	1NB01147	NA
1/4"	1NB0201	1NB0208	1NB0209	1NB0210	1NB0211	1NB0211-5	1NB0212	1NB0212-5	1NB0213	1NB0213-5	1NB0214	1NB0214-5	1NB02147	NA
3/8"	1NB0301	1NB0308	1NB0309	1NB0310	1NB0311	1NB0311-5	1NB0312	1NB0312-5	1NB0313	1NB0313-5	1NB0314	1NB0314-5	1NB03147	NA
1/2"	1NB0401	1NB0408	1NB0409	1NB0410	1NB0411	1NB0411-5	1NB0412	1NB0412-5	1NB0413	1NB0413-5	1NB0414	1NB0414-5	1NB04147	NA
3/4"	1NB0501	1NB0508	1NB0509	1NB0510	1NB0511	1NB0511-5	1NB0512	1NB0512-5	1NB0513	1NB0513-5	1NB0514	1NB0514-5	1NB05147	NA
1"	1NB0601	NA	1NB0609	1NB0610	1NB0611	1NB0611-5	1NB0612	1NB0612-5	1NB0613	1NB0613-5	1NB0614	1NB0614-5	1NB06147	1NB06147-5
1 1/4"	1NB0701	NA	1NB0709	1NB0710	1NB0711	1NB0711-5	1NB0712	1NB0712-5	1NB0713	1NB0713-5	1NB0714	1NB0714-5	1NB07147	1NB07147-5
1 1/2"	1NB0801	NA	1NB0809	1NB0810	1NB0811	1NB0811-5	1NB0812	1NB0812-5	1NB0813	1NB0813-5	1NB0814	1NB0814-5	1NB08147	1NB08147-5
2"	1NB0901	NA	NA	1NB0910	1NB0911	1NB0911-5	1NB0912	1NB0912-5	1NB0913	1NB0913-5	1NB0914	1NB0914-5	1NB09147	1NB09147-5
2 1/2"	1NB1001	NA	NA	NA	1NB1011	1NB1011-5	1NB1012	1NB1012-5	1NB1013	1NB1013-5	1NB1014	NA	1NB10147	NA
3"	1NB1101	NA	NA	NA	1NB1111	1NB1111-5	1NB1112	1NB1112-5	1NB1113	1NB1113-5	1NB1114	NA	1NB11147	NA
4"	1NB1201	NA	NA	NA	NA	1NB1211-5	1NB1212	1NB1212-5	1NB1213	1NB1213-5	1NB1214	NA	1NB12147	NA
6"	1NB1401	NA	NA	NA	NA	NA	1NB1412	1NB1412-5	1NB1413	1NB1413-5	1NB1414	NA	1NB14147	NA

Pipe Nipples Galvanized Steel

- Material & Dimensions: ASME A733 & ASME A53 Welded Pipe Sch. 40
- Coating: Hot Dip Galvanized
- Threads: Pipe Threads, General Purpose ASME B1.20.1



NOM SIZE	LENGTH													
	CLOSE	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"
1/8"	1NG0101	NA	1NG0108	1NG0109	1NG0110	1NG0111	1NG0111-5	1NG0112	1NG0112-5	1NG0113	1NG0113-5	1NG0114	1NG0114-5	NA
1/4"	1NG0201	1NG0201-1	1NG0208	1NG0209	1NG0210	1NG0211	1NG0211-5	1NG0212	1NG0212-5	1NG0213	1NG0213-5	1NG0214	1NG0214-5	NA
3/8"	1NG0301	NA	1NG0308	1NG0309	1NG0310	1NG0311	1NG0311-5	1NG0312	1NG0312-5	1NG0313	1NG0313-5	1NG0314	1NG0314-5	NA
1/2"	1NG0401	NA	1NG0408	1NG0409	1NG0410	1NG0411	1NG0411-5	1NG0412	1NG0412-5	1NG0413	1NG0413-5	1NG0414	1NG0414-5	1NG04147
3/4"	1NG0501	NA	1NG0508	1NG0509	1NG0510	1NG0511	1NG0511-5	1NG0512	1NG0512-5	1NG0513	1NG0513-5	1NG0514	1NG0514-5	NA
1"	1NG0601	NA	NA	1NG0609	1NG0610	1NG0611	1NG0611-5	1NG0612	1NG0612-5	1NG0613	1NG0613-5	1NG0614	1NG0614-5	1NG06147
1 1/4"	1NG0701	NA	NA	1NG0709	1NG0710	1NG0711	1NG0711-5	1NG0712	1NG0712-5	1NG0713	1NG0713-5	1NG0714	1NG0714-5	1NG07147
1 1/2"	1NG0801	NA	NA	1NG0809	1NG0810	1NG0811	1NG0811-5	1NG0812	1NG0812-5	1NG0813	1NG0813-5	1NG0814	1NG0814-5	1NG08147
2"	1NG0901	NA	NA	NA	1NG0910	1NG0911	1NG0911-5	1NG0912	1NG0912-5	1NG0913	1NG0913-5	1NG0914	1NG0914-5	1NG09147
2 1/2"	1NG1001	NA	NA	NA	NA	1NG1011	1NG1011-5	1NG1012	1NG1012-5	1NG1013	1NG1013-5	1NG1014	NA	1NG10147
3"	1NG1101	NA	NA	NA	NA	1NG1111	1NG1111-5	1NG1112	1NG1112-5	1NG1113	1NG1113-5	1NG1114	NA	1NG11147
4"	1NG1201	NA	NA	NA	NA	NA	1NG1211-5	1NG1212	1NG1212-5	1NG1213	1NG1213-5	1NG1214	NA	1NG12147
6"	1NG1401	NA	NA	NA	NA	NA	NA	1NG1412	1NG1412-5	1NG1413	1NG1413-5	1NG1414	NA	1NG14147

LENGTH																
	8"	8 1/2"	9"	9 1/2"	10"	10 1/2"	11"	11 1/2"	12"	18"	24"	30"	36"	48"	60"	72"
1/8"	1NB0115	NA	1NB0116	NA	1NB0117	NA	1NB0118	NA	1NB0119	NA	NA	NA	NA	NA	NA	NA
1/4"	1NB0215	NA	1NB0216	NA	1NB0217	NA	1NB0218	NA	1NB0219	NA	NA	NA	NA	NA	NA	NA
3/8"	1NB0315	NA	1NB0316	NA	1NB0317	NA	1NB0318	NA	1NB0319	NA	NA	NA	NA	NA	NA	NA
1/2"	1NB0415	NA	1NB0416	NA	1NB0417	NA	1NB0418	NA	1NB0419	1NB0425	1NB0431	1NB0437	1NB0443	1NB0455	1NB0467	1NB0479
3/4"	1NB0515	NA	1NB0516	NA	1NB0517	NA	1NB0518	NA	1NB0519	1NB0525	1NB0531	1NB0537	1NB0543	1NB0555	1NB0567	1NB0579
1"	1NB0615	1NB0615-5	1NB0616	1NB0616-5	1NB0617	1NB0617-5	1NB0618	1NB0618-5	1NB0619	1NB0625	1NB0631	1NB0637	1NB0643	1NB0655	1NB0667	1NB0679
1 1/4"	1NB0715	1NB0715-5	1NB0716	1NB0716-5	1NB0717	1NB0717-5	1NB0718	1NB0718-5	1NB0719	1NB0725	1NB0731	1NB0737	1NB0743	1NB0755	1NB0767	1NB0879
1 1/2"	1NB0815	1NB0815-5	1NB0816	1NB0816-5	1NB0817	1NB0817-5	1NB0818	1NB0818-5	1NB0819	1NB0825	1NB0831	1NB0831	1NB0843	1NB0855	1NB0867	1NB0879
2"	1NB0915	1NB0915-5	1NB0916	1NB0916-5	1NB0917	1NB0917-5	1NB0918	1NB0918-5	1NB0919	1NB0925	1NB0931	1NB0937	1NB0943	1NB0955	1NB0967	1NB0979
2 1/2"	1NB1015	NA	1NB1016	NA	1NB1017	NA	1NB1018	NA	1NB1019	1NB1025	1NB1031	1NB1037	1NB1043	1NB1055	1NB1067	1NB1079
3"	1NB1115	NA	1NB1116	NA	1NB1117	NA	1NB1118	NA	1NB1119	1NB1125	1NB1131	1NB1137	1NB1143	1NB1155	1NB1167	1NB1179
4"	1NB1215	NA	1NB1216	NA	1NB1217	NA	1NB1218	NA	1NB1219	1NB1225	1NB1231	1NB1237	1NB1243	1NB1255	1NB1267	1NB1279
6"	1NB1415	NA	1NB1416	NA	1NB1417	NA	1NB1418	NA	1NB1419	1NB1425	1NB1431	1NB1437	1NB1443	1NB1455	1NB1467	1NB1479

LENGTH													
	8"	8 1/2"	9"	10"	11"	12"	18"	24"	30"	36"	48"	60"	72"
1/8"	1NG0115	NA	1NG0116	1NG0117	1NG0118	1NG0119	NA	NA	NA	NA	NA	NA	NA
1/4"	1NG0215	NA	1NG0216	1NG0217	1NG0218	1NG0219	NA	NA	NA	NA	NA	NA	NA
3/8"	1NG0315	NA	1NG0316	1NG0317	1NG0318	1NG0319	NA	NA	NA	NA	NA	NA	NA
1/2"	1NG0415	1NG0415-5	1NG0416	1NG0417	1NG0418	1NG0419	1NG0425	1NG0431	1NG0437	1NG0443	1NG0455	1NG0467	1NG0479
3/4"	1NG0515	NA	1NG0516	1NG0517	1NG0518	1NG0519	1NG0525	1NG0531	1NG0537	1NG0543	1NG0555	1NG0567	1NG0779
1"	1NG0615	NA	1NG0616	1NG0617	1NG0618	1NG0619	1NG0625	1NG0631	1NG0637	1NG0643	1NG0655	1NG0667	1NG0679
1 1/4"	1NG0715	NA	1NG0716	1NG0717	1NG0718	1NG0719	1NG0725	1NG0731	1NG0737	1NG0743	1NG0755	1NG0767	1NG0879
1 1/2"	1NG0815	NA	1NG0816	1NG0817	1NG0818	1NG0819	1NG0825	1NG0831	1NG0837	1NG0843	1NG0855	1NG0867	1NG0879
2"	1NG0915	NA	1NG0916	1NG0917	1NG0918	1NG0919	1NG0925	1NG0931	1NG0937	1NG0943	1NG0955	1NG0967	1NG0979
2 1/2"	1NG1015	NA	1NG1016	1NG1017	1NG1018	1NG1019	1NG1025	1NG1031	1NG1037	1NG1043	1NG1055	1NG1067	1NG1079
3"	1NG1115	NA	1NG1116	1NG1117	1NG1118	1NG1119	1NG1125	1NG1131	1NG1137	1NG1143	1NG1155	1NG1167	1NG1179
4"	1NG1215	NA	1NG1216	1NG1217	1NG1218	1NG1219	1NG1225	1NG1231	1NG1237	1NG1243	1NG1255	1NG1267	1NG1279
6"	1NG1415	NA	1NG1416	1NG1417	1NG1418	1NG1419	1NG1425	1NG1431	1NG1437	1NG1443	1NG1455	1NG1467	NA

THREADED FITTINGS

Pipe Nipples Right / Left



NOM SIZE	ITEM CODE		DIMENSION (IN)	WEIGHT (LBS)
	BLK	GAL	LENGTH	
1/2"	RLNB0412	RLNG0412	4"	0.86
3/4"	RLNB0512	RLNG0512	4"	1.06
1"	RLNB0612	RLNG0612	4"	1.53
1-1/4"	RLNB0712	RLNG0712	4"	1.96
1-1/2"	RLNB0812	RLNG0812	4"	2.47
2"	RLNB0912	RLNG0912	4"	3.54

Slant Job Tray Nipple Pack



NOM SIZE	ITEM CODE		DIMENSION (IN)	WEIGHT (LBS)
	BLK	GAL	LENGTH	
1/2"	1NB04-66	1NG04-66	CLOSE - 6"	12.5
3/4"	1NB05-66	1NG05-66	CLOSE - 6"	19

Single Run Nipple Pack



NOM SIZE	ITEM CODE		DIMENSION (IN)	WEIGHT (LBS)
	BLK	GAL	LENGTH	
1/4"	1NBSR02	1NGSR02	CLOSE - 6"	3
3/8"	1NBSR03	1NGSR03	CLOSE - 6"	3
1/2"	1NBSR04	1NGSR04	CLOSE - 6"	3
3/4"	1NBSR05	1NGSR05	CLOSE - 6"	4
1"	1NBSR06	1NGSR06	CLOSE - 6"	6
1 1/4"	1NBSR07	1NGSR07	CLOSE - 6"	8
1 1/2"	1NBSR08	1NGSR08	CLOSE - 6"	10
2"	1NBSR09	1NGSR09	CLOSE - 6"	13