

HHXX.EX3783

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

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SIGMA CORP

EX3783

700 GOLDMAN DR
CREAMRIDGE, NJ 08514 USA

Cast Iron Fittings (ANSI/AWWA C110/A21.10 - 03)

Model	Configuration	Size, in.	Rated Pressure, psi
CMB90	MJ 90° Bends	3, 4, 5, 6, 8, 10, 12	250
CMB45	MJ 45° Bends	3, 4, 5, 6, 8, 10, 12	250
CMB22	MJ 22-1/2° Bends	3, 4, 5, 6, 8, 10, 12	250
CMB11	MJ 11-1/4° Bends	3, 4, 5, 6, 8, 10, 12	250
CMT	MJ Straight Tees	3, 4, 5, 6, 8, 10, 12	250
CMT	MJ Reducing Tees	4x3, 6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
CMC	MJ Crosses	3, 4, 5, 6, 8, 10, 12	250
CMR	MJ Reducers	4x3, 6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
CMS	MJ Short Sleeves	3, 4, 5, 6, 8, 10, 12	250
CML	MJ Long Sleeves	3, 4, 5, 6, 8, 10, 12	250

Cast Iron Fittings (ANSI/AWWA C110/A21.10 - 03)

Model	Configuration	Size, in.	Rated Pressure, psi
CFB90	Flanged 90° Bends	3, 4, 5, 6, 8, 10, 12	250
CFB45	Flanged 45° Bends	3, 4, 5, 6, 8, 10, 12	250
CFB22	Flanged 22-1/2° Bends	3, 4, 5, 6, 8, 10, 12	250
CFB11	Flanged 11-1/4° Bends	3, 4, 5, 6, 8, 10, 12	250
CFB90	Flanged 90° Reducing Bends	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
CFT	Flanged Straight Tees	3, 4, 5, 6, 8, 10, 12	250
CFT	Flanged Reducing Tees	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
CFC	Flanged Straight Crosses	3, 4, 5, 6, 8, 10, 12	250
CFC	Flanged Reducing Crosses	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
CFR	Flanged Reducers	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250

Ductile Iron Fittings (ANSI/AWWA C110/A21.10 - 03)

Model	Configuration	Size, in.	Rated Pressure, psi
XMB90	MJ 90° Bends	3, 4, 5, 6, 8, 10, 12	350

XME90	MJ x Plain End 90° Bends	3, 4, 5, 6, 8, 10, 12	350
XMB45	MJ 45° Bends	3, 4, 5, 6, 8, 10, 12	350
XME45	MJ x Plain End 45° Bends	3, 4, 5, 6, 8, 10, 12	350
XMB22	MJ 22-1/2° Bends	3, 4, 5, 6, 8, 10, 12	350
XME22	MJ x Plain End 22-1/2° Bends	3, 4, 5, 6, 8, 10, 12	350
XMB11	MJ 11-1/4° Bends	3, 4, 5, 6, 8, 10, 12	350
XME11	MJ x Plain End 11-1/4° Bends	3, 4, 5, 6, 8, 10, 12	350
XMT	MJ Straight Tees	3, 4, 5, 6, 8, 10, 12	350
XMT	MJ Reducing Tees	4x3, 6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	350
XMC	MJ Crosses	3, 4, 5, 6, 8, 10, 12	350
XMC	MJ Reducing Crosses	4x3, 6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	350
XMH	MJ Swivel Hydrant Tees	6x6, 8x6, 8x8, 10x6, 12x6	350
XMF	MJ x Flanged Straight Tees	3, 4, 5, 6, 8, 10, 12	350
XMF	MJ x Flanged Reducing Tees	6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	350
XMR	MJ Reducers	4x3, 6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	350
XSPR	MJ Reducer Small End Bell	4x3, 6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	350
XLPR	MJ Reducer Large End Bell	4x3, 6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	350
XML	MJ Long Sleeves	3, 4, 5, 6, 8, 10, 12	350
XMS	MJ Short Sleeves	3, 4, 5, 6, 8, 10, 12	350
XMK	MJ Caps	3, 4, 5, 6, 8, 10, 12	350
XTK	MJ Tapped Caps	3, 4, 5, 6, 8, 10, 12	350
XMP	MJ Plugs	3, 4, 5, 6, 8, 10, 12	350
XTP	MJ Tapped Plugs	3, 4, 5, 6, 8, 10, 12	350

Ductile Iron Fittings (ANSI/AWWA C110/A21.10 - 03)

Model	Configuration	Size, in.	Rated Pressure, psi
DFB90	Flanged 90° Bends	3, 4, 5, 6, 8, 10, 12	250
DFB45	Flanged 45° Bends	3, 4, 5, 6, 8, 10, 12	250
DFB22	Flanged 22-1/2° Bends	3, 4, 5, 6, 8, 10, 12	250
DFB11	Flanged 11-1/4° Bends	3, 4, 5, 6, 8, 10, 12	250
DFB	Flanged 90° Reducing Bends	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
DFL	Flanged Long Radius Bends	3, 4, 5, 6, 8, 10, 12	250
DFD	Flanged Base Bends	3, 4, 5, 6, 8, 10, 12	
DFT	Flanged Straight Tees	3, 4, 5, 6, 8, 10, 12	250
DFT	Flanged Reducing Tees	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
DFC	Flanged Crosses	3, 4, 5, 6, 8, 10, 12	250
DFC	Flanged Reducing Crosses	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
DFY	Flanged 45° Lateral	3, 4, 5, 6, 8, 10, 12	250

	Wyes		
DFY	Flanged 45° Reducing Lateral Wyes	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
DFA	Flanged Straight Flare Adapters	3,4, 6, 8, 10, 12	250
DFR	Flanged Concentric Reducers	4x2, 4x3, 6x2, 6x3, 6x4, 6x5, 8x4, 8x5, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
DFE	Flanged Eccentric Reducers	4x2, 4x3, 6x2, 6x3, 6x4, 6x5, 8x4, 8x5, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	250
BDF	Blind Flange	3, 4, 5, 6, 8, 10, 12	250
DTF	Tapped Blind Flange	3, 4, 5, 6, 8, 10, 12	250

Ductile Iron Fittings (ANSI/AWWA C153/A21.53 - 00)

Model	Configuration	Size, in.	Rated Pressure, psi
DMB90	MJ 90° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DME90	MJ x Plain End 90° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DMB45	MJ 45° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DME45	MJ x Plain End 45° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DMB22	MJ 22-1/2° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DME22	MJ x Plain End 22-1/2° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DMB11	MJ 11-1/4° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DME11	MJ x Plain End 11-1/4° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
MFB90	MJ x Flanged 90° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
MFB45	MJ x Flanged 45° Bends	3, 4, 5, 6, 8, 10, 12, 14, 16	350
MFA	MJ x Flanged Adapters	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DMC	MJ Crosses	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DMC	MJ Reducing Crosses	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x3, 12x4, 12x6, 12x8, 12x10, 14x3, 14x4, 14x6, 14x8, 16x3, 16x4, 16x6, 16x8, 16x10, 16x12, 16x14	350
DMT	MJ Straight Tees	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DMT	MJ Reducing Tees	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x3, 12x4, 12x6, 12x8, 12x10, 14x3, 14x4, 14x6, 14x8, 14x10, 14x12, 16x3, 16x4, 16x6, 16x8, 16x10, 16x12, 16x14	350
DMF	MJ x Flange Tees	3x3, 4x3, 4x4, 6x3, 6x4, 6x6, 8x3, 8x4, 8x6, 8x8, 10x3, 10x4, 10x6, 10x8, 10x10, 12x3, 12x4, 12x6, 12x8, 12x10, 12x12, 14x3, 14x4, 14x6, 14x8, 14x10, 14x14, 16x3, 16x4, 16x6, 16x8, 16x10, 16x12	350
DTT	MJ Tapped Tees	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DTC	MJ Tapped Crosses	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DMK	MJ Caps	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DTK	MJ Tapped Caps	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DMP	MJ Plugs	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DTP	MJ Tapped Plugs	3, 4, 5, 6, 8, 10, 12, 14, 16	350

DMY	MJ 45° Lateral Wyes	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DMY	MJ 45° Reducing Lateral Wyes	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x3, 12x4, 12x6, 12x8, 12x10, 14x3, 14x4, 14x6, 14x8, 14x10, 14x12, 16x4, 16x6, 16x8, 16x10, 16x12	350
DMR	MJ Reducers	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x3, 12x4, 12x6, 12x8, 12x10, 14x3, 14x4, 14x6, 14x8, 14x10, 14x12, 16x3, 16x4, 16x6, 16x8, 16x10, 16x12, 16x14	350
SPR	MJ Reducer Small End Bell	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x3, 12x4, 12x6, 12x8, 12x10, 14x3, 14x4, 14x6, 14x8, 14x10, 14x12, 16x3, 16x4, 16x6, 16x8, 16x10, 16x12	350
LPR	MJ Reducer Big End Bell	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x3, 12x4, 12x6, 12x8, 12x10, 14x3, 14x4, 14x6, 14x8, 14x10, 14x12, 16x3, 16x4, 16x6, 16x8, 16x10, 16x12, 16x14	350
PPR	Reducing Plain Ends	4x3, 6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x3, 12x4, 12x6, 12x8, 12x10, 14x3, 14x4, 14x6, 14x8, 14x10, 14x12, 16x3, 16x4, 16x6, 16x8, 16x10, 16x12, 16x14	350
DMH	MJ Swivel Hydrant Tees	6x6, 8x6, 8x8, 10x6, 10x8, 12x6, 12x8, 14x6, 16x6, 16x8	350
SSA	Solid Swivel Adapters	6	350
DMO	MJ Offsets	4x6, 4x12, 6x6, 6x12, 6x18, 8x6, 8x12, 12x6	350
DMS	MJ Short Sleeves	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DML	MJ Long Sleeves	3, 4, 5, 6, 8, 10, 12, 14, 16	350
DG	Glands	3, 4, 5, 6, 8, 10, 12, 14, 16	350

Ductile Iron Fittings (ANSI/AWWA C153/A21.53 - 00)

Model	Configuration	Size, in.	Rated Pressure, psi
DPB90	Push-On 90° Bends	3, 4, 6, 8, 10, 12	350
DPB45	Push-On 45° Bends	3, 4, 6, 8, 10, 12	350
DPB22	Push-On 22-1/2° Bends	3, 4, 6, 8, 10, 12	350
DPB11	Push-On 11-1/4° Bends	3, 4, 6, 8, 10, 12	350
DPT	Push-On Straight Tees	3, 4, 6, 8, 10, 12, 14, 16	350
DPT	Push-On Reducing Tees	6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10, 14x6, 14x8, 16x6, 16x8, 16x10, 16x12, 16x16	350
DPF	Push-On Flanged Tees	3, 4, 6, 8, 10, 12, 14, 16	350
DPF	Push-On Reducing Flanged Tees	6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10, 14x8, 16x6, 16x8, 16x10, 16x12, 16x16	350
DPC	Push-On Crosses	3, 4, 6, 8, 10, 12, 14, 16	350
DPC	Push-On Reducing Crosses	6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10, 14x8, 16x6, 16x8, 16x10, 16x12, 16x16	350
PTT	Push-On Tapped Tees	3, 4, 6, 8, 10, 12, 14, 16	350
PTC	Push-On Tapped Crosses	3, 4, 6, 8, 10, 12, 14, 16	350
DPY	Push-On 45° Lateral Wyes	3, 4, 6, 8, 10, 12, 14, 16	350
DPY	Push-On 45° Reducing Lateral Wyes	6x3, 6x4, 8x4, 8x6, 10x4, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10, 14x8, 16x6, 16x8, 16x10, 16x12, 16x16	350

PFA	Push-On Flanged Adapters	3, 4, 6, 8, 10, 12, 14, 16	350
PFB90	Push-On Flanged 90° Bends	3, 4, 6, 8, 10, 12, 14, 16	350
PFB45	Push-On Flanged 45° Bends	3, 4, 6, 8, 10, 12, 14, 16	350
PFB22	Push-On Flanged 22-1/2° Bends	3, 4, 6, 8, 10, 12, 14, 16	350
PFB11	Push-On Flanged 11-1/4° Bends	3, 4, 6, 8, 10, 12, 14, 16	350
DPK	Push-On Caps	3, 4, 6, 8, 10, 12, 14, 16	350
PTK	Push-On Tapped Caps	3, 4, 6, 8, 10, 12, 14, 16	350
DPP	Push-On Plugs	3, 4, 6, 8, 10, 12, 14, 16	350
PTP	Push-On Tapped Plugs	3, 4, 6, 8, 10, 12, 14, 16	350
DPH	Push-On Swivel Hydrant Tees	6x6, 8x6, 10x6, 12x6	350
DPR	Push-On Reducers	6x3, 6x4, 8x3, 8x4, 8x6, 10x3, 10x4, 10x6, 10x8, 12x3, 12x4, 12x6, 12x8, 12x10, 14x4, 14x6, 14x8, 14x10, 14x12, 16x4, 16x6, 16x8, 16x10, 16x12	350

Ductile Iron Fittings ANSI/AWWA C153/A21.53

Model	Configuration	Size, in.	Rated Pressure, psig
A	11-1/4, 22-1/2, 45, 90° Bend	3, 4, 6, 8, 10, 12	350
A	Tee	3, 4, 6, 8, 10, 12	350
A	Reducer Concentric	4, 6, 8, 10, 12	350
A	Reducing Tees	4, 6, 8, 10, 12	350
A	Flange	4, 6, 8, 10	350
A	Reducing Tees	4, 6, 8, 10, 12	350
A	Caps, Plugs	4, 6, 8, 10, 12	350
A	Adapters	4, 6, 8, 10, 12	350
A	Tee-Hydrant	4, 8, 10, 12	350
A	45° Lateral	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	350
A	Cross	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	350
A	Reducers	6x4 thru 24x20	350
A	Sleeves(short)	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	350
A	Sleeves(long)	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	350

Flanged End

Model	Configuration	Size, in.	Rated Pressure, psig
A	11-1/4, 22-1/2, 45, 90° Bend	3, 4, 6, 8, 10, 12	250
A	Tee, Cross	3, 4, 6, 8, 10, 12	250
A	90° Reducing Bend	3, 4, 6, 8, 10, 12	250
A	Reducing Bulkhead Tee	4, 6, 8	250
A	Bulkhead Tee	4, 6, 8, 10, 12	250
A	Reducing Tee/Cross	3, 4, 6, 8, 10, 12	250
A	Reducing Concentric and Eccentric	3, 4, 6, 8, 10, 12	250
A	90° Bend Long Radius	3, 4, 6, 8, 10, 12	250
A	Blind Flange	3, 4, 6, 8, 10, 12	250

A	Blind Flange	3, 4, 6, 8, 10, 12	250
A	45° Lateral	3, 4, 6, 8, 10, 12	250
A	45° Reducing Lateral	3, 4, 6, 8, 10, 12	250
A	Base Bends & Base Tee	3, 4, 6, 8, 10, 12	250
A	Flares, Straight & Long Radius	3, 4, 6, 8, 10, 12	250

Cast Iron Fittings (ANSI/AWWA C110/A21.10)

Model	Configuration	Size, in.	Rated Pressure, psig
CFB	90° bend	4, 6, 8, 12	250
CFT	Tee	4, 6, 8, 12	250
BCF	Blind	4, 6, 8, 10, 12	250

Ductile Iron Fittings (ANSI/AWWA C110/A21.10)

Model	Configuration	Type	Size, in.	Rated Pressure, psig
DFB	90° Bend	Flanged	4, 6, 8, 12	250
DFT	Tee	Flanged	4, 6, 8, 12	250
SSA	Solid Swivel	Flanged	8	350
BDF	Blind Flange	Flanged	6,14,20	250
DFR	Flange Concentric Reducers	Flanged	4x3, 6x4, 8x4, 8x6, 10x6, 10x8	250
DFA	Flanged Straight Flare Adapters	Flanged	3, 4, 6, 8, 10, 12	250
DFY	Flanged 45° Lateral Wyes	Flanged	4, 6, 8, 10	250
DFL	Flanged Long Radius Bends	Flanged	4, 6, 12	250
DFT	Flanged Straight Tees	Flanged	3	250
DFT	Flanged Reducing Tees	Flanged	6x4, 8x3, 8x4, 8x6, 10x4, 10x6, 12x4	250
DFE	Flanged Eccentric Reducers	Flanged	6x4, 8x6, 10x8, 12x10	250
DFD	Flanged 90° Base Bends	Flanged	4, 6, 8, 10	250
DFB	Flanged 90° Reducing Bends	Flanged	4x3, 6x4, 8x6, 10x8	250
DFB	Flanged 45° Reducing Bends	Flanged	4, 6	250
DFC	Flanged Crosses	Flanged	6, 8, 10	250
DFC	Flanged Reducing Crosses	Flanged	10x8,	250

Ductile iron compact fittings (ANSI/AWWA C153/A21.53):

Model	Configuration	Type	Size, in.	Rated Pressure, psig
DMP	MJ Plugs	Mechanical Joint	3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30	350
DTP	MJ Tapped Plugs	Mechanical Joint	3, 14, 16, 18, 20, 24, 30	350
DMK	MJ Caps	Mechanical Joint	3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30	350
DTK	MJ Tapped Caps	Mechanical Joint	3, 14, 16, 18, 20, 24, 30	350
PTK	Push-On Tapped Caps	Push-on	6, 8, 16	350
DPK	Push-On Caps	Push-on	6, 8, 16	350

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