



VIZA.EX27746 Fittings, Grooved and Plain End

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Fittings, Grooved and Plain End

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ALVENIUS EQUIPAMENTOS TUBULARES LTDA

EX27746

EST FERNANDO NOBRE, 293 - 487 RIO COTIA
06.705-490 COTIA, SP BRAZIL

Grooved

Model	Type	Size In.	Rated Pressure (psig)
E10	90 Degree Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
E10	90 Degree Elbow	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
E011	45 Degree Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
E011	45 Degree Elbow	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
E012	22.5 Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
E012	22.5 Elbow	5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
E013	11.25 Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
E013	11.25 Elbow	5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
T20	Tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
T20	Tee	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
T250	Reducing Tee	3 ODx2, 3x3 OD, 5x2, 5x3 OD, 5x3, 8x3 OD, 8x3, 8x5	232
T250	Reducing Tee	2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x2-1/2, 4x3 OD, 4x3	400
T250	Reducing Tee	5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4, 8x4, 8x6-1/2 OD, 8x6, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	300
T25F	Reducing Tee Threaded	1-1/4x1, 1-1/2x1, 1-1/2x1-1/4, 3 ODx2, 3x3 OD, 4x3 OD, 5x1, 5x1-1/4, 5x1-1/2, 5x2, 5x3 OD	232
T25F	Reducing Tee Threaded	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x3 OD, 4x3, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4	300
T25F	Reducing Tee, Threaded	2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2	400
X350	Cross	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
X350	Cross	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
C600	Cap	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
C600	Cap	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300

CR50	Concentric Reducer Grooved Outlet	1-1/2x1-1/4, 3x3 OD, 5x2, 5x3 OD, 5x4, 6-1/2 ODx5, 8x5, 8x6-1/2 OD	232
CR50	Concentric Reducer Grooved Outlet	2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3 ODx1-1/4, 3 ODx1-1/2, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 3x3 OD, 4x1-1/4, 4x1-1/2, 4x2, 4 x 2-1/2, 4x3 OD, 4x3	400
CR50	Concentric Reducer Grooved Outlet	5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x2, 6x2-1/2, 6x3 OD, 6x3, 6x4, 8x2, 8x2-1/2, 8x3 OD, 8x3, 8x4, 8x6, 10x4, 10x6, 10x8	300
CR5F	Concentric Reducer Threaded Outlet	1-1/2x1, 3x3 OD, 5x1, 5x1-1/4, 5x2, 5x3 OD	232
CR5F	Concentric Reducer Threaded Outlet	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3 ODx2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x3 OD, 4x3, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4, 8x1, 8x1-1/4, 8x1-1/2, 8x2, 8x3 OD, 8x3, 8x4	300
CR5F	Concentric Reducer, Threaded Outlet	2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2	400
ER51	Eccentric Reducer	3x2, 3x2-1/2, 3x3 OD, 4x2, 4x2-1/2, 4x3 OD, 4x3	400
ER51	Eccentric Reducer	5-1/2 ODx3 OD, 5-1/2 ODx3, 5-1/2 ODx4, 6-1/4 ODx2, 6-1/4 ODx3 OD, 6-1/4 ODx3, 6-1/4 ODx4-1/4 OD, 6-1/4 ODx4, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6-1/2 ODx5-1/2 OD, 6x3, 6x4, 6x5-1/2 OD, 8x3, 8x4, 8x5-1/2 OD, 8x6-1/2 OD, 8x6, 10x6-1/2 OD, 10x6, 10x8	300
FG16	Flange Adaptor, Grooved	2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4, 5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
EE9F	Adapter Elbow	1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 2x1/2, 2x3/4, 2x1, 2-1/2x1/2, 2-1/2x3/4, 2-1/2x1	500
TG55	Adapter Nipple	1-1/2, 2	500
TG5R	Reducing Adapter Nipple	1-1/2x1, 2x1-1/2	500
C61F	Drain Cap	2x1, 2-1/2x1, 3x1, 4x1, 6x1	300
FG41	Flange Adapter	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	300

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ALVENIUS EQUIPAMENTOS TUBULARES LTDA

EX27747

EST FERNANDO NOBRE, 293 - 487 RIO COTIA
06.705-490 COTIA, SP BRAZIL

Coupling

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
RC01	Rolled	T3091	1, 1-1/4, 1-1/2, 2, 3 OD, 3, 4	400
RC01	Rolled	T3091	5-1/2 OD, 6, 8 / 6 mm, 10 / 8 mm, 12 / 8 mm	300
RC01	Rolled	T3091-1993	6-1/2 OD	300
RC01	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm	400
RC01	Rolled	T17395	5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 OD / 6 mm	300
RC03	Rolled	5	1, 1-1/4, 1-1/2, 2	300
RC03	Rolled	WGalweld 7	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
RC03	Rolled	10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
RC03	Rolled	10	4, 5, 6, 8, 10	300
RC03	Rolled, Cut	40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
RC03	Rolled, Cut	40	4, 5, 6, 8, 10, 12	300
RC03	Rolled, Cut	GB/T17395	3 OD, 4-1/4 OD, 5-1/4 OD, 5-1/2 OD, 6-1/4 OD, 6-1/2 OD	300
RC03	Rolled, Cut	JIS G3452	216 mm	300

Flexible coupling

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
FC71	Rolled	T3091	1, 1-1/4, 1-1/2, 2, 3 OD, 3, 4	400
FC71	Rolled	T3091	5-1/2 OD, 6, 8 / 6 mm, 10 / 8 mm, 12 / 8 mm	300
FC71	Rolled	T3091-1993	6-1/2 OD	300
FC71	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm	400
FC71	Rolled	T17395	5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 OD / 6 mm	300
FC73	Rolled	5	1, 1-1/4, 1-1/2, 2	300
FC73	Rolled	WGalweld 7	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
FC73	Rolled	10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
FC73	Rolled	10	4, 5, 6, 8, 10	300
FC73	Rolled, Cut	40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
FC73	Rolled, Cut	40	4, 5, 6, 8, 10, 12	300
FC73	Rolled, Cut	GB/T17395	3 OD, 4-1/4 OD, 5-1/4 OD, 5-1/2 OD, 6-1/4 OD, 6-1/2 OD	300
FC73	Rolled, Cut	JIS G3452	216 mm, 267 mm, 318 mm	300
FC75	Rolled	10	2, 3, 4, 6	500
FC75	Rolled	10	8	400
FC75	Cut	40	2, 3, 4, 6	500

FC75	Cut	40	8, 10, 12	400
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Reducing coupling

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
FC50	Rolled	T3091	2x1-1/2, 3 ODx1-1/2, 3 ODx2, 3x1-1/2, 3x2, 3x3 OD, 4x1-1/2, 4x2, 4x3 OD, 4x3, 6x3, 6x4, 8 / 6 mm x6	300
FC50	Rolled	T17395xT3091	2-1/2 / 4 mm x1-1/2, 2-1/2 / 4 mm x2	300
FC50	Rolled	T3091xT17395	3x2-1/2 / 4 mm, 4x2-1/2 / 4 mm	300

Flange adaptor

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
FA16	Rolled	T3091	2, 3 OD, 3, 4, 5-1/2 OD, 6, 8 / 6 mm	300
FA16	Rolled	T3091-1993	6-1/2 OD	300
FA16	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm, 5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 / 6 mm	300
FA41	Rolled	10, 40	2, 2-1/2, 3, 4, 5, 6, 8	300

Side outlet

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
MT22	Rolled	T3091	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2	300
MT22	Rolled	T3091	5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 8 / 6 mm x1, 8 / 6 mm x1-1/4, 8 / 6 mm x1-1/2, 8 / 6 mm x2, 8 / 6 mm x3 OD, 8 / 6 mm x3, 8 / 6 mm x4	300
MT21	Threaded	T3091	1-1/2x1, 3 ODx2, 5x1, 5x1-1/4, 5x1-1/2, 5x2	232
MT21	Threaded	T3091	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 8 / 6 mm x1, 8 / 6 mm x1-1/4, 8 / 6 mm x1-1/2, 8 / 6 mm x2, 8 / 6 mm x3 OD, 8 / 6 mm x3, 8 / 6 mm x4	300
SL23	Threaded	T3091	1x1/2, 1x3/4, 1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 2x1/2, 2x3/4, 2x1, 3 ODx1/2, 3 ODx3/4, 3 ODx1	300
SL23	Threaded	T17395	2-1/2 / 4 mm x1/2, 2-1/2 / 4 mm x3/4, 2-1/2 / 4 mm x1	300
MT32	Grooved	10, 40	2 x 1-1/4, 1-1/2; 2-1/2 x 1-1/4, 1-1/2; 3 x 1-1/4, 1-1/2, 2; 4 x 1-1/4, 1-1/2, 2, 2-1/2; 5 x 1-1/2, 2, 2-1/2; 6 x 1-1/4, 1-1/2, 2, 2-1/2; 8 x 2, 2-1/2	300
MT31	Threaded	10, 40	2 x 1/2, 3/4, 1, 1-1/4, 1-1/2; 2-1/2 x 1/2, 3/4, 1, 1-1/4, 1-1/2; 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2; 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2; 6 x 1-1/4, 1-1/2, 2, 2-1/2	300

Models MT21 with 2 in. and larger main run size and 1 in. nominal outlets are intended for direct connection to sprinklers.

Models SL23 and MT21 in the 1/2, 3/4, 1 in. nominal outlets are intended for direct connection to sprinklers.

Models MT22, MT21, SL23, MT32 and MT31 in the 1 in. and larger nominal outlet sizes are intended for connection to system piping.

Note:

10 refers to Schedule 10 steel pipe in accordance with NFPA 13.

40 refers to Schedule 40 steel pipe in accordance with NFPA 13.

T3091 refers to GB/T3091-2001 ordinary steel pipe.

T3091-1993 refers to GB/T3091-1993 ordinary steel pipe.

T17395 refers to GB/T17395-1998 steel ordinary pipe.

6-1/2 OD pipe is GB/T3091-1993 pipe, 2-1/2", 4-1/4 OD, 5-1/4 OD, 5" and 6-1/4 OD pipes are GB/T17395-1998 pipes, the rest pipes are GB/T3091-2001 pipes.

5 refers to ASME B36.10-2004 ordinary steel pipe.

WGalweld 7 refers to Wuppermann Stahl GmbH, model WGalweld 7 (Galvanized) pipe, file number EX16421.

JIS G3452 refers to JIS G3452-2014 ordinary steel pipe.

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EX27746

EST FERNANDO NOBRE, 293 - 487 RIO COTIA

06.705-490 COTIA, SP BRAZIL

Grooved

Model	Type	Size In.	Rated Pressure (psig)
E10	90 Degree Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
E10	90 Degree Elbow	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
E011	45 Degree Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
E011	45 Degree Elbow	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
E012	22.5 Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
E012	22.5 Elbow	5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
E013	11.25 Elbow	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
E013	11.25 Elbow	5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
T20	Tee	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
T20	Tee	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
T250	Reducing Tee	3 ODx2, 3x3 OD, 5x2, 5x3 OD, 5x3, 8x3 OD, 8x3, 8x5	232
T250	Reducing Tee	2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x2-1/2, 4x3 OD, 4x3	400
T250	Reducing Tee	5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4, 8x4, 8x6-1/2 OD, 8x6, 10x6, 10x8, 12x4, 12x6, 12x8, 12x10	300
T25F	Reducing Tee Threaded	1-1/4x1, 1-1/2x1, 1-1/2x1-1/4, 3 ODx2, 3x3 OD, 4x3 OD, 5x1, 5x1-1/4, 5x1-1/2, 5x2, 5x3 OD	232
T25F	Reducing Tee Threaded	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x3 OD, 4x3, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4	300
T25F	Reducing Tee, Threaded	2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2	400
X350	Cross	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
X350	Cross	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
C600	Cap	1, 1-1/4, 1-1/2, 2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4	400
C600	Cap	5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300



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ALVENIUS EQUIPAMENTOS TUBULARES LTDA

EX27747

EST FERNANDO NOBRE, 293 - 487 RIO COTIA

06.705-490 COTIA, SP BRAZIL

Coupling

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
RC01	Rolled	T3091	1, 1-1/4, 1-1/2, 2, 3 OD, 3, 4	400
RC01	Rolled	T3091	5-1/2 OD, 6, 8 / 6 mm, 10 / 8 mm, 12 / 8 mm	300
RC01	Rolled	T3091-1993	6-1/2 OD	300
RC01	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm	400
RC01	Rolled	T17395	5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 OD / 6 mm	300
RC03	Rolled	5	1, 1-1/4, 1-1/2, 2	300
RC03	Rolled	WGalweld 7	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
RC03	Rolled	10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
RC03	Rolled	10	4, 5, 6, 8, 10	300
RC03	Rolled, Cut	40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
RC03	Rolled, Cut	40	4, 5, 6, 8, 10, 12	300
RC03	Rolled, Cut	GB/T17395	3 OD, 4-1/4 OD, 5-1/4 OD, 5-1/2 OD, 6-1/4 OD, 6-1/2 OD	300
RC03	Rolled, Cut	JIS G3452	216 mm	300

Flexible coupling

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
FC71	Rolled	T3091	1, 1-1/4, 1-1/2, 2, 3 OD, 3, 4	400
FC71	Rolled	T3091	5-1/2 OD, 6, 8 / 6 mm, 10 / 8 mm, 12 / 8 mm	300
FC71	Rolled	T3091-1993	6-1/2 OD	300
FC71	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm	400
FC71	Rolled	T17395	5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 OD / 6 mm	300
FC73	Rolled	5	1, 1-1/4, 1-1/2, 2	300
FC73	Rolled	WGalweld 7	1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	300
FC73	Rolled	10	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
FC73	Rolled	10	4, 5, 6, 8, 10	300
FC73	Rolled, Cut	40	1, 1-1/4, 1-1/2, 2, 2-1/2, 3	500
FC73	Rolled, Cut	40	4, 5, 6, 8, 10, 12	300
FC73	Rolled, Cut	GB/T17395	3 OD, 4-1/4 OD, 5-1/4 OD, 5-1/2 OD, 6-1/4 OD, 6-1/2 OD	300
FC73	Rolled, Cut	JIS G3452	216 mm, 267 mm, 318 mm	300
FC75	Rolled	10	2, 3, 4, 6	500
FC75	Rolled	10	8	400
FC75	Cut	40	2, 3, 4, 6	500

CR50	Concentric Reducer Grooved Outlet	1-1/2x1-1/4, 3x3 OD, 5x2, 5x3 OD, 5x4, 6-1/2 ODx5, 8x5, 8x6-1/2 OD	232
CR50	Concentric Reducer Grooved Outlet	2x1, 2x1-1/4, 2x1-1/2, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2, 3 ODx1-1/4, 3 ODx1-1/2, 3x1-1/4, 3x1-1/2, 3x2, 3x2-1/2, 3x3 OD, 4x1-1/4, 4x1-1/2, 4x2, 4 x 2-1/2, 4x3 OD, 4x3	400
CR50	Concentric Reducer Grooved Outlet	5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x2, 6x2-1/2, 6x3 OD, 6x3, 6x4, 8x2, 8x2-1/2, 8x3 OD, 8x3, 8x4, 8x6, 10x4, 10x6, 10x8	300
CR5F	Concentric Reducer Threaded Outlet	1-1/2x1, 3x3 OD, 5x1, 5x1-1/4, 5x2, 5x3 OD	232
CR5F	Concentric Reducer Threaded Outlet	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3 ODx2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 4x3 OD, 4x3, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 5-1/2 ODx3, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 6x4, 8x1, 8x1-1/4, 8x1-1/2, 8x2, 8x3 OD, 8x3, 8x4	300
CR5F	Concentric Reducer, Threaded Outlet	2-1/2x1, 2-1/2x1-1/4, 2-1/2x1-1/2, 2-1/2x2	400
ER51	Eccentric Reducer	3x2, 3x2-1/2, 3x3 OD, 4x2, 4x2-1/2, 4x3 OD, 4x3	400
ER51	Eccentric Reducer	5-1/2 ODx3 OD, 5-1/2 ODx3, 5-1/2 ODx4, 6-1/4 ODx2, 6-1/4 ODx3 OD, 6-1/4 ODx3, 6-1/4 ODx4-1/4 OD, 6-1/4 ODx4, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6-1/2 ODx4, 6-1/2 ODx5-1/2 OD, 6x3, 6x4, 6x5-1/2 OD, 8x3, 8x4, 8x5-1/2 OD, 8x6-1/2 OD, 8x6, 10x6-1/2 OD, 10x6, 10x8	300
FG16	Flange Adaptor, Grooved	2, 2-1/2, 3 OD, 3, 4-1/4 OD, 4, 5-1/4 OD, 5-1/2 OD, 5, 6-1/4 OD, 6-1/2 OD, 6, 8, 10, 12	300
EE9F	Adapter Elbow	1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 2x1/2, 2x3/4, 2x1, 2-1/2x1/2, 2-1/2x3/4, 2-1/2x1	500
TG55	Adapter Nipple	1-1/2, 2	500
TG5R	Reducing Adapter Nipple	1-1/2x1, 2x1-1/2	500
C61F	Drain Cap	2x1, 2-1/2x1, 3x1, 4x1, 6x1	300
FG41	Flange Adapter	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	300

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FC75	Cut	40	8, 10, 12	400
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Reducing coupling

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
FC50	Rolled	T3091	2x1-1/2, 3 ODx1-1/2, 3 ODx2, 3x1-1/2, 3x2, 3x3 OD, 4x1-1/2, 4x2, 4x3 OD, 4x3, 6x3, 6x4, 8 / 6 mm x6	300
FC50	Rolled	T17395xT3091	2-1/2 / 4 mm x1-1/2, 2-1/2 / 4 mm x2	300
FC50	Rolled	T3091xT17395	3x2-1/2 / 4 mm, 4x2-1/2 / 4 mm	300

Flange adaptor

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
FA16	Rolled	T3091	2, 3 OD, 3, 4, 5-1/2 OD, 6, 8 / 6 mm	300
FA16	Rolled	T3091-1993	6-1/2 OD	300
FA16	Rolled	T17395	2-1/2 / 4 mm, 4-1/4 OD / 4.5 mm, 5-1/4 OD / 5 mm, 5 / 4 mm, 6-1/4 / 6 mm	300
FA41	Rolled	10, 40	2, 2-1/2, 3, 4, 5, 6, 8	300

Side outlet

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
MT22	Rolled	T3091	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2	300
MT22	Rolled	T3091	5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 8 / 6 mm x1, 8 / 6 mm x1-1/4, 8 / 6 mm x1-1/2, 8 / 6 mm x2, 8 / 6 mm x3 OD, 8 / 6 mm x3, 8 / 6 mm x4	300
MT21	Threaded	T3091	1-1/2x1, 3 ODx2, 5x1, 5x1-1/4, 5x1-1/2, 5x2	232
MT21	Threaded	T3091	2x1, 2x1-1/4, 2x1-1/2, 3 ODx1, 3 ODx1-1/4, 3 ODx1-1/2, 3x1, 3x1-1/4, 3x1-1/2, 3x2, 4x1, 4x1-1/4, 4x1-1/2, 4x2, 5-1/2 ODx1, 5-1/2 ODx1-1/4, 5-1/2 ODx1-1/2, 5-1/2 ODx2, 5-1/2 ODx3 OD, 6-1/2 ODx1, 6-1/2 ODx1-1/4, 6-1/2 ODx1-1/2, 6-1/2 ODx2, 6-1/2 ODx3 OD, 6-1/2 ODx3, 6x1, 6x1-1/4, 6x1-1/2, 6x2, 6x3 OD, 6x3, 8 / 6 mm x1, 8 / 6 mm x1-1/4, 8 / 6 mm x1-1/2, 8 / 6 mm x2, 8 / 6 mm x3 OD, 8 / 6 mm x3, 8 / 6 mm x4	300
SL23	Threaded	T3091	1x1/2, 1x3/4, 1-1/4x1/2, 1-1/4x3/4, 1-1/4x1, 1-1/2x1/2, 1-1/2x3/4, 1-1/2x1, 2x1/2, 2x3/4, 2x1, 3 ODx1/2, 3 ODx3/4, 3 ODx1	300
SL23	Threaded	T17395	2-1/2 / 4 mm x1/2, 2-1/2 / 4 mm x3/4, 2-1/2 / 4 mm x1	300
MT32	Grooved	10, 40	2 x 1-1/4, 1-1/2; 2-1/2 x 1-1/4, 1-1/2; 3 x 1-1/4, 1-1/2, 2; 4 x 1-1/4, 1-1/2, 2, 2-1/2; 5 x 1-1/2, 2, 2-1/2; 6 x 1-1/4, 1-1/2, 2, 2-1/2; 8 x 2, 2-1/2	300
MT31	Threaded	10, 40	2 x 1/2, 3/4, 1, 1-1/4, 1-1/2; 2-1/2 x 1/2, 3/4, 1, 1-1/4, 1-1/2; 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2; 4 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2; 5 x 1, 1-1/4, 1-1/2, 2, 2-1/2; 6 x 1-1/4, 1-1/2, 2, 2-1/2	300

Models MT21 with 2 in. and larger main run size and 1 in. nominal outlets are intended for direct connection to sprinklers.

Models SL23 and MT21 in the 1/2, 3/4, 1 in. nominal outlets are intended for direct connection to sprinklers.

Models MT22, MT21, SL23, MT32 and MT31 in the 1 in. and larger nominal outlet sizes are intended for connection to system piping.

Note:

10 refers to Schedule 10 steel pipe in accordance with NFPA 13.

40 refers to Schedule 40 steel pipe in accordance with NFPA 13.

T3091 refers to GB/T3091-2001 ordinary steel pipe.

T3091-1993 refers to GB/T3091-1993 ordinary steel pipe.

T17395 refers to GB/T17395-1998 steel ordinary pipe.

6-1/2 OD pipe is GB/T3091-1993 pipe, 2-1/2", 4-1/4 OD, 5-1/4 OD, 5" and 6-1/4 OD pipes are GB/T17395-1998 pipes, the rest pipes are GB/T3091-2001 pipes.

5 refers to ASME B36.10-2004 ordinary steel pipe.

WGalweld 7 refers to Wuppermann Stahl GmbH, model WGalweld 7 (Galvanized) pipe, file number EX16421.

JIS G3452 refers to JIS G3452-2014 ordinary steel pipe.