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Phone: (609) 498-6082
Internet: www.sigmaco.com
e-mail: engg@sigmaco.com

SPECIFICATION SHEET

Domestic Grooved Weld Outlet

Cut Grooved & Roll Grooved

Grooved Weld Outlet – Cut & Roll Grooved furnished by Sigma Piping Products are manufactured from highly weldable grade black carbon steel which conforms to ASTM A 135, A 795 & A 53.

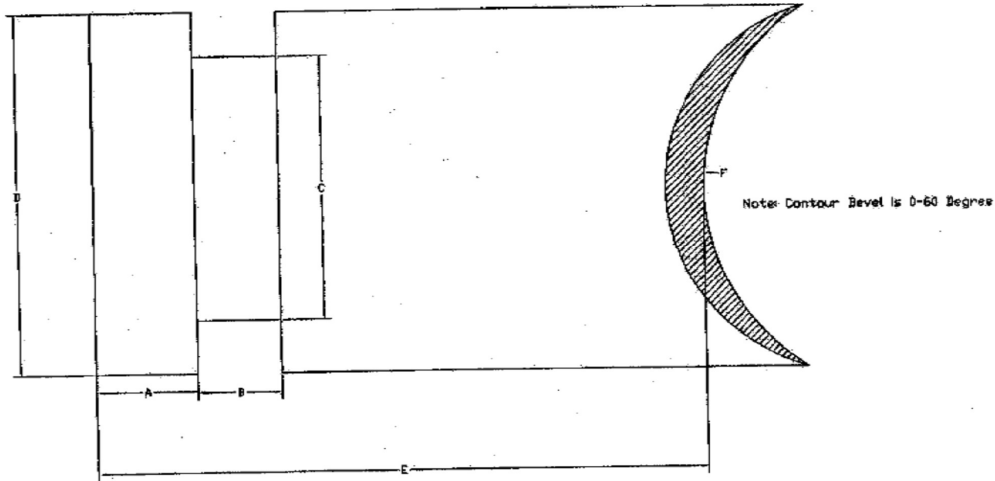
Grooved Weld Outlets are designed to provide unobstructed full flow and this is accomplished by making the inside diameter of the low volume machine contour precisely fit the outside diameter of the adjoining pipe/header to be welded.

Roll Grooved Outlets are manufactured with Schedule 40 and Cut Grooved outlets with Schedule 10 pipes. Both type grooved outlets are UL, cUL & FM approved and carry a water working pressure of 300 psi. These outlets fit exactly on the header to which it is welded, so it is ideal for use with automatic welding machines.





ROLL GROOVED



TYPE 10 RG (LIGHTWEIGHT ROLL GROOVE)

NOMINAL OUTLET SIZE "A"	NOMINAL HEADER SIZE "B"	STANDARD LENGTH "C"	INSIDE DIAMETER "D"	OUTSIDE DIAMETER "E"	WALL THICKNESS "F"	APPROX WEIGHT EACH
2-1/2"	2-1/2"	3	2.635	2.875	0.120	1.0
	3"	3	2.635	2.875	0.120	1.0
	3-1/2"	3	2.635	2.875	0.120	1.0
	4"	3	2.635	2.875	0.120	1.0
	5"	3	2.635	2.875	0.120	1.0
	6"	3	2.635	2.875	0.120	1.0
3"	3"	3	3.260	3.500	0.120	1.2
	3-1/2"	3	3.260	3.500	0.120	1.2
	4"	3	3.260	3.500	0.120	1.2
	5"	3	3.260	3.500	0.120	1.2
	6"	3	3.260	3.500	0.120	1.2
4"	4"	4	4.26	4.500	0.120	2.1
	5"	4	4.26	4.500	0.120	2.1
	6"	4	4.26	4.500	0.120	2.1
	8"	4	4.26	4.500	0.120	2.1
5"	5"	4	5.295	5.563	0.134	3.0
	6"	4	5.295	5.563	0.134	3.0
	8"	4	5.295	5.563	0.134	3.0
6"	6"	4	6.357	6.625	0.134	3.8
	8"	4	6.357	6.625	0.134	3.8
8"	8"	4	8.329	8.625	0.188	6.2

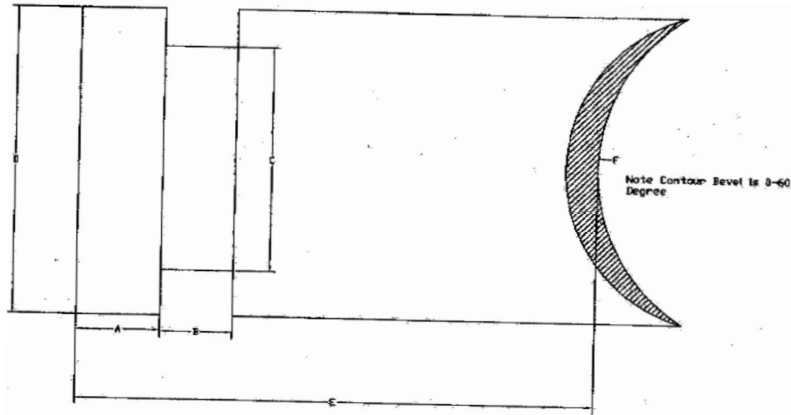
System No.		Location		Spec Section		Paragraph	
Submitted By		Date		Approved		Date	



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CUT GROOVED



NOM OUTLET SIZE "A"	NOM HEADER SIZE "B"	STD LENGTH "C"	INSIDE DIAMETER "D"	OUTSIDE DIAMETER "E"	WALL THICKNESS "F"	APPROX WEIGHT EACH
1"	1"	3	1.049	1.315	0.133	0.44
	1 1/4"	3	1.049	1.315	0.133	0.44
	1 1/2"	3	1.049	1.315	0.133	0.44
	2"	3	1.049	1.315	0.133	0.44
	2-1/2"	3	1.049	1.315	0.133	0.44
	3"	3	1.049	1.315	0.133	0.44
	4"	3	1.049	1.315	0.133	0.44
	5"	3	1.049	1.315	0.133	0.44
	6"	3	1.049	1.315	0.133	0.44
1 1/4"	1 1/4"	3	1.368	1.66	0.140	0.56
	1 1/2"	3	1.368	1.66	0.140	0.56
	2"	3	1.368	1.66	0.140	0.56
	2-1/2"	3	1.368	1.66	0.140	0.56
	3"	3	1.368	1.66	0.140	0.56
	4"	3	1.368	1.66	0.140	0.56
	5"	3	1.368	1.66	0.140	0.56
	6"	3	1.368	1.66	0.140	0.56
1 1/2"	1 1/2"	3	1.61	1.900	0.145	0.7
	2"	3	1.61	1.900	0.145	0.7
	2-1/2"	3	1.61	1.900	0.145	0.7
	3"	3	1.61	1.900	0.145	0.7
	4"	3	1.61	1.900	0.145	0.7
	5"	3	1.61	1.900	0.145	0.7
	6"	3	1.61	1.900	0.145	0.7
2"	2"	3	2.067	2.375	0.154	0.9
	2-1/2"	3	2.067	2.375	0.154	0.9
	3"	3	2.067	2.375	0.154	0.9
	3-1/2"	3	2.067	2.375	0.154	0.9
	4"	3	2.067	2.375	0.154	0.9
	5"	3	2.067	2.375	0.154	0.9
	6"	3	2.067	2.375	0.154	0.9
	8"	3	2.067	2.375	0.154	0.9

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NOMINAL OUTLET SIZE "A"	NOMINAL HEADER SIZE "B"	STANDARD LENGTH "C"	INSIDE DIAMETER "D"	OUTSIDE DIAMETER "E"	WALL THICKNESS "F"	APPROX WEIGHT EACH
2-1/2"	2-1/2"	3	2.469	2.875	0.203	1.4
	3"	3	2.469	2.875	0.203	1.4
	3-1/2"	3	2.469	2.875	0.203	1.4
	4"	3	2.469	2.875	0.203	1.4
	5"	3	2.469	2.875	0.203	1.4
	8"	3	2.469	2.875	0.203	1.4
3"	3"	3	3.068	3.500	0.216	2.1
	3-1/2"	3	3.068	3.500	0.216	2.1
	4"	3	3.068	3.500	0.216	2.1
	5"	3	3.068	3.500	0.216	2.1
	8"	3	3.068	3.500	0.216	2.1
4"	4"	4	4.026	4.500	0.237	3.4
	5"	4	4.026	4.500	0.237	3.4
	6"	4	4.026	4.500	0.237	3.4
	8"	4	4.026	4.500	0.237	3.4
5"	5"	4	5.047	5.563	0.258	5.0
	6"	4	5.047	5.563	0.258	5.0
	8"	4	5.047	5.563	0.258	5.0
6"	6"	4	6.065	6.625	0.280	7.0
	8"	4	6.065	6.625	0.280	7.0
8"	8"	4	7.981	8.625	0.277	10.4

System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	