



ELECTRODE SELECTOR for inch (OD) tube and IPS pipe sizes

All dimensions shown in inches

Weld Head Model	Tube O.D.	Wall Thickness (Schedule)	Part Number	Arc Gap	Weld Head Model	Tube O.D.	Wall Thickness (Schedule)	Part Number	Arc Gap
9-250	.125	.020/.035	TC04-0318-01	.020	9AFM-750 <i>Continued</i>	.375	.022/.035	TC04-0438-02	.030
	.250	.020/.035	TC04-0246-02	.030		.375	.049/.065	TC04-0418-02	.050
9-500	1/8" ABW/ATW	.020/.035	TC04-0584-02	.030	.500	.022/.035	TC04-0376-02	.030	
	1/4" ABW/ATW	.028/.049	TC04-0506-02	.045	.500	.049/.065	TC04-0356-02	.050	
	3/8" ABW/ATW	.028/.049	TC04-0444-02	.045	.540 (1/4" pipe)	(5-10)	TC04-0336-03	.050	
	.125	.020/.035	TC04-0611-01	.020	.625	.022/.035	TC04-0313-02	.030	
	.250	.020/.035	TC04-0539-02	.030	.625	.049/.065	TC04-0293-03	.050	
	.250	.049/.065	TC04-0524-02	.045	9-1500	.250	.022/.035	TC06-1438-02	.030
	.375	.022/.035	TC04-0476-02	.030		.250	.049/.065	TC06-1418-03	.050
	.375	.049/.065	TC04-0461-02	.045		.375	.022/.035	TC06-1376-02	.030
	.500	.022/.035	TC04-0414-02	.030		.375	.049/.065	TC06-1356-03	.050
	.500	.049/.065	TC04-0399-02	.045		.500	.022/.035	TC06-1313-02	.030
	9-750	1/8" ABW/ATW	.020/.035	TC04-0890-02		.030	.500	.049/.083	TC06-1293-03
1/4" ABW/ATW		.028/.049	TC06-0806-03	.050		.500	.095/.120	TC09-1273-04	.070
3/8" ABW/ATW		.028/.049	TC06-0745-03	.050		.540 (1/4" pipe)	(5-40)	TC06-1273-03	.050
1/2" ABW/ATW		.028/.065	TC06-0677-03	.050		.625	.022/.035	TC06-1251-02	.030
5/8" ABW/ATW		.028/.065	TC06-0612-03	.050		.625	.049/.083	TC06-1231-03	.050
3/4" ABW/ATW		.028/.065	TC06-0546-03	.050		.675 (3/8" pipe)	(5-10)	TC06-1206-03	.050
3/4" ABW/ATW		.072/.095	TC06-0526-04	.070	.675 (3/8" pipe)	(40)	TC09-1186-04	.070	
.125		.020/.035	TC04-0917-01	.020	.750	.022/.035	TC06-1188-02	.030	
.250		.022/.035	TC06-0845-02	.030	.750	.049/.083	TC06-1168-03	.050	
.250		.049/.065	TC06-0825-03	.050	.750	.095/.120	TC09-1148-04	.070	
.375		.022/.035	TC06-0782-02	.030	.840 (1/2" pipe)	(5-10)	TC06-1123-03	.050	
.375	.049/.065	TC06-0762-03	.050	.840 (1/2" pipe)	(40)	TC09-1103-04	.070		
.500	.022/.035	TC06-0720-02	.030	1.000	.049/.083	TC06-1043-03	.050		
.500	.049/.083	TC06-0700-03	.050	1.000	.095/.120	TC09-1023-04	.070		
.500	.095/.120	TC06-0680-04	.070	1.050 (3/4" pipe)	(5-10)	TC06-1018-03	.050		
.540 (1/4" pipe)	(5-10)	TC06-0680-03	.050	1.050 (3/4" pipe)	(40)	TC09-0998-04	.070		
.540 (1/4" pipe)	(40)	TC06-0660-04	.070	1.250	.049/.083	TC06-0918-03	.050		
.625	.022/.035	TC06-0657-02	.030	1.315 (1" pipe)	(5)	TC06-0886-03	.050		
.625	.049/.083	TC06-0637-03	.050	1.315 (1" pipe)	(10-40)	TC09-0866-04	.070		
.675 (3/8" pipe)	(5-10)	TC06-0612-03	.050	1.500	.049/.083	TC06-0793-03	.050		
.675 (3/8" pipe)	(40)	TC06-0592-04	.070	1.500	.095/.120	TC09-0773-04	.070		
.750	.022/.035	TC06-0595-02	.030	9AF-1500	*1/4" ABW/ATW	.028/.049	TC06-0933-03	.050	
.750	.049/.083	TC06-0575-03	.050		*3/8" ABW/ATW	.028/.049	TC06-0871-03	.050	
.750	.095/.120	TC06-0555-04	.070		*1/2" ABW/ATW	.028/.065	TC06-0803-03	.050	
.840 (1/2" pipe)	(5-10)	TC06-0530-03	.050		5/8" ABW/ATW	.028/.065	TC06-0738-03	.050	
9AFM-750	1/8" ABW/ATW	.020/.035	TC04-0546-02		.030	3/4" ABW/ATW	.035/.065	TC06-0668-03	.050
	1/4" ABW/ATW	.028/.049	TC04-0463-02		.050	3/4" ABW/ATW	.072/.095	TC09-0648-04	.070
	3/8" ABW/ATW	.028/.049	TC04-0401-02		.050	1" ABW/ATW	.049/.065	TC06-0543-03	.050
	1/2" ABW/ATW	.028/.065	TC04-0333-02		.050	1" ABW/ATW	.083/.109	TC09-0523-04	.070
	.125	.020/.035	TC04-0573-01		.020	.250	.022/.035	TC06-0971-02	.030
	.250	.022/.035	TC04-0501-02		.030	.250	.049/.065	TC06-0951-03	.050
	.250	.049/.065	TC04-0481-02		.050	.375	.022/.035	TC06-0908-02	.030
					.375	.049/.065	TC06-0888-03	.050	

* Except Parker ** Except 9E-3500

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ELECTRODE SELECTOR FOR INCH (OD) TUBE AND IPS PIPE SIZES

All dimensions shown in inches

Weld Head Model	Tube O.D.	Wall Thickness (Schedule)	Part Number	Arc Gap	Weld Head Model	Tube O.D.	Wall Thickness (Schedule)	Part Number	Arc Gap		
9AF-1500 <i>Continued</i>	.500	.022/.035	TC06-0846-02	.030	8-2000 <i>Continued</i>	1.050 (3/4" pipe)	(40)	TC09-1131-04	.070		
	.500	.049/.083	TC06-0826-03	.050		1.250	.049/.083	TC06-1051-03	.050		
	.500	.095/.120	TC09-0806-04	.070		1.315 (1" pipe)	(5)	TC06-1018-03	.050		
	.540 (1/4" pipe)	(5-40)	TC06-0806-04	.050		1.315 (1" pipe)	(10-40)	TC09-0998-04	.070		
	.625	.022/.035	TC06-0783-02	.030		1.500	.049/.083	TC06-0926-03	.050		
	.625	.049/.065	TC06-0763-03	.050		1.500	.095/.120	TC09-0906-03	.070		
	.675 (3/8" pipe)	(5-10)	TC06-0738-03	.050		1.660 (1 1/4" pipe)	(5)	TC06-0846-03	.050		
	.675 (3/8" pipe)	(40)	TC09-0718-04	.070		1.660 (1 1/4" pipe)	(10-40)	TC09-0826-04	.070		
	.750	.020/.035	TC06-0721-02	.030		1.900 (1 1/2" pipe)	(5)	TC06-0726-03	.050		
	.750	.049/.083	TC06-0701-03	.050		1.900 (1 1/2" pipe)	(10-40)	TC09-0706-04	.070		
	.750	.095/.120	TC09-0681-04	.070		2.000	.049/.083	TC06-0676-03	.050		
	.840 (1/2" pipe)	(5-10)	TC06-0656-03	.050		2.000	.095/.120	TC09-0656-04	.070		
	.840 (1/2" pipe)	(40)	TC09-0636-04	.070		9-2500	.750	.049/.083	TC06-1765-03	.050	
	1.000	.049/.083	TC06-0576-03	.050			.750	.095/.120	TC09-1745-04	.070	
	1.000	.095/.120	TC09-0556-04	.070			.840 (1/2" pipe)	(5-10)	TC06-1720-03	.050	
	1.050 (3/4" pipe)	(5-10)	TC06-0551-03	.050			.840 (1/2" pipe)	(40)	TC09-1700-04	.070	
	1.050 (3/4" pipe)	(40)	TC09-0531-04	.070			1.000	.049/.083	TC06-1640-03	.050	
	9E-1500	.250	.022/.035	TC06-1188-02			.030	1.000	.095/.120	TC09-1620-04	.070
		.250	.049/.065	TC06-1168-03			.050	1.050 (3/4" pipe)	(5-10)	TC06-1615-03	.050
		.375	.022/.035	TC06-1125-02			.030	1.050 (3/4" pipe)	(40)	TC09-1595-04	.070
.375		.049/.065	TC06-1105-03	.050	1.250		.049/.083	TC06-1515-03	.050		
.500		.022/.035	TC06-1063-02	.030	1.315 (1" pipe)		(5)	TC06-1482-03	.050		
.500		.049/.083	TC06-1043-03	.050	1.315 (1" pipe)		(10-40)	TC09-1462-04	.070		
.500		.095/.120	TC09-1023-04	.070	1.500		.049/.083	TC06-1390-03	.050		
.540 (1/4" pipe)		(5-40)	TC06-1023-03	.050	1.500		.095/.120	TC09-1370-04	.070		
.625		.022/.035	TC06-1001-02	.030	1.660 (1 1/4" pipe)		(5)	TC06-1310-03	.050		
.625		.049/.083	TC06-0981-03	.050	1.660 (1 1/4" pipe)		(10-40)	TC09-1290-04	.070		
.675 (3/8" pipe)		(5-10)	TC06-0956-03	.050	1.900 (1 1/2" pipe)		(5)	TC06-1190-03	.050		
.675 (3/8" pipe)		(40)	TC09-0936-04	.070	1.900 (1 1/2" pipe)		(10-40)	TC09-1170-04	.070		
.750		.028/.035	TC06-0938-02	.030	2.000		.049/.083	TC06-1140-03	.050		
.750		.049/.083	TC06-0918-03	.050	2.000		.095/.120	TC09-1120-04	.070		
.750		.095/.120	TC09-0898-04	.070	2.375 (2" pipe)		(5)	TC06-0952-03	.050		
.840 (1/2" pipe)		(5-10)	TC06-0873-03	.050	2.375 (2" pipe)	(10-40)	TC09-0932-04	.070			
.840 (1/2" pipe)		(40)	TC09-0853-04	.070	2.500	.049/.083	TC06-0870-03	.070			
1.000		.049/.083	TC06-0793-03	.050	2.500	.095/.120	TC09-0870-04	.070			
1.000		.095/.120	TC09-0773-04	.070	9E-2500	.750	.049/.083	TC06-1715-03	.050		
1.050 (3/4" pipe)		(5-10)	TC06-0768-03	.050		.750	.095/.120	TC09-1695-04	.070		
1.050 (3/4" pipe)	(40)	TC09-0748-04	.070	.840 (1/2" pipe)		(5-10)	TC06-1670-03	.050			
1.250	.049/.083	TC06-0668-03	.050	.840 (1/2" pipe)		(40)	TC09-1650-04	.070			
1.315 (1" pipe)	(5)	TC06-0636-03	.050	1.000		.049/.083	TC06-1590-03	.050			
1.315 (1" pipe)	(10-40)	TC09-0616-04	.070	1.000		.095/.120	TC09-1570-04	.070			
8-2000	.500	.022/.035	TC06-1446-02	.030		1.050 (3/4" pipe)	(5-10)	TC06-1565-03	.050		
	.500	.049/.083	TC06-1426-03	.050		1.050 (3/4" pipe)	(40)	TC09-1545-04	.070		
	.500	.095/.120	TC09-1406-04	.070		1.250	.049/.083	TC06-1465-03	.050		
	.540 (1/4" pipe)	(5-40)	TC06-1406-03	.050		1.315 (1" pipe)	(5)	TC06-1432-03	.050		
	.625	.028/.035	TC06-1383-03	.030		1.315 (1" pipe)	(10-40)	TC09-1412-04	.070		
	.625	.049/.083	TC06-1363-03	.050		1.500	.049/.083	TC06-1340-03	.050		
	.675 (3/8" pipe)	(5-10)	TC06-1338-03	.050		1.500	.095/.120	TC09-1320-04	.070		
	.675 (3/8" pipe)	(40)	TC09-1318-04	.070		1.660 (1 1/4" pipe)	(5)	TC06-1260-03	.050		
	.750	.049/.083	TC06-1301-03	.050		1.660 (1 1/4" pipe)	(10-40)	TC09-1240-04	.070		
	.750	.095/.120	TC09-1281-04	.070		1.900 (1 1/2" pipe)	(5)	TC06-1140-03	.050		
	.840 (1/2" pipe)	(5-10)	TC06-1256-03	.050		1.900 (1 1/2" pipe)	(10-40)	TC09-1120-04	.070		
	.840 (1/2" pipe)	(40)	TC09-1236-04	.070		2.000	.049/.083	TC06-1090-03	.050		
	1.000	.049/.083	TC06-1176-03	.050		2.000	.095/.120	TC09-1070-04	.070		
	1.000	.095/.120	TC09-1156-04	.070		2.375 (2" pipe)	(5)	TC06-0902-03	.050		
	1.050 (3/4" pipe)	(5-10)	TC06-1151-03	.050	2.375 (2" pipe)	(10-40)	TC09-0882-04	.070			

* Except Parker ** Except 9E-3500

ELECTRODE SELECTOR FOR INCH (OD) TUBE AND IPS PIPE SIZES

All dimensions shown in inches

Weld Head Model	Tube O.D.	Wall Thickness (Schedule)	Part Number	Arc Gap	Weld Head Model	Tube O.D.	Wall Thickness (Schedule)	Part Number	Arc Gap
9AF-2500	5/8" ABW/ATW	.028/.065	TC06-1190-03	.050	9E-3500 & 8-4000 <i>Continued</i>	1.315 (1" pipe)	(10-40)	TC09-1927-04	.070
	3/4" ABW/ATW	.035/.065	TC06-1120-03	.050		1.500	.049/.083	TC06-1855-03	.050
	3/4" ABW/ATW	.072/.095	TC09-1100-04	.070		1.500	.095/.120	TC09-1835-04	.070
	1" ABW/ATW	.035/.065	TC06-0995-03	.050		1.660 (1 1/4" pipe)	(5)	TC06-1775-03	.050
	1" ABW/ATW	.083/.109	TC09-0975-04	.070		1.660 (1 1/4" pipe)	(10-40)	TC09-1755-04	.070
	1-1/4" ABW/ATW	.035/.065	TC06-0863-03	.050		1.900 (1 1/2" pipe)	(5)	TC06-1655-03	.050
	1-1/4" ABW/ATW	.072/.095	TC09-0843-04	.070		1.900 (1 1/2" pipe)	(10-40)	TC09-1635-04	.070
	1-1/2" ABW/ATW	.049/.095	TC09-0705-04	.070		2.000	.049/.083	TC06-1605-03	.050
	2" ABW/ATW	.072/.095	TC09-0455-04	.070		2.000	.095/.120	TC09-1585-04	.070
	.750	.049/.083	TC06-1153-03	.050		2.375 (2" pipe)	(5)	TC06-1417-03	.050
	.750	.095/.120	TC09-1133-04	.070		2.375 (2" pipe)	(10-40)	TC09-1397-04	.070
	840 (1/2" pipe)	(5-10)	TC06-1108-03	.050		2.500	.065/.083	TC06-1335-03	.070
	.840 (1/2" pipe)	(40)	TC09-1088-04	.070		2.500	.095/.120	TC09-1335-04	.070
	1.000	.049/.083	TC06-1028-03	.050		2.875 (2 1/2" pipe)	(5)	TC06-1147-03	.070
	1.000	.095/.120	TC09-1008-04	.070		2.875 (2 1/2" pipe)	(10)	TC09-1147-04	.070
	1.050 (3/4" pipe)	(5-10)	TC06-1003-03	.050		3.000	.065/.083	TC06-1085-03	.070
	1.050 (3/4" pipe)	(40)	TC09-0983-04	.070		3.000	.095/.120	TC09-1085-04	.070
	1.250	.049/.083	TC06-0903-03	.050		3.500 (3" pipe)	(5-10)	TC09-0835-04	.070
	1.315 (1" pipe)	(5)	TC06-0870-03	.050		**4.000	.065/.083	TC06-0585-03	.070
	1.315 (1" pipe)	(10-40)	TC09-0850-04	.070		**4.000	.095/.120	TC09-0585-04	.070
	1.500	.049/.083	TC06-0778-03	.050	**4.000 (3 1/2" pipe)	(5-10)	TC09-0585-04	.070	
	1.500	.095/.120	TC09-0758-04	.070					
	1.660 (1 1/4" pipe)	(5)	TC06-0698-03	.050					
	1.660 (1 1/4" pipe)	(10-40)	TC09-0678-04	.070	9-4500	1.500	.049/.083	TC06-2637-03	.050
	1.900 (1 1/2" pipe)	(5)	TC06-0578-03	.050		1.500	.095/.120	TC09-2617-04	.070
	1.900 (1 1/2" pipe)	(10-40)	TC09-0558-04	.070	1.660 (1 1/4" pipe)	(5)	TC06-2557-03	.050	
	2.000	.049/.083	TC06-0528-03	.050	1.660 (1 1/4" pipe)	(10-40)	TC09-2537-04	.070	
	2.000	.095/.120	TC09-0508-04	.070	1.900 (1 1/2" pipe)	(5)	TC06-2437-03	.050	
					1.900 (1 1/2" pipe)	(10-40)	TC09-2417-04	.070	
					2.000	.049/.083	TC06-2387-03	.050	
					2.000	.095/.120	TC09-2367-04	.070	
					2.375 (2" pipe)	(5)	TC06-2200-03	.050	
					2.375 (2" pipe)	(10-40)	TC09-2180-03	.070	
					2.500	.065/.083	TC06-2117-03	.070	
					2.500	.095/.120	TC09-2117-04	.070	
					2.875 (2 1/2" pipe)	(5)	TC06-1910-03	.070	
					2.875 (2 1/2" pipe)	(10)	TC09-1910-04	.070	
					3.000	.065/.083	TC06-1867-03	.070	
					3.000	.095/.120	TC09-1867-04	.070	
					3.500	.065/.083	TC06-1617-03	.070	
					3.500	.095/.120	TC09-1617-04	.070	
					3.500 (3" pipe)	(5)	TC06-1617-03	.070	
					3.500 (3" pipe)	(10)	TC09-1617-04	.070	
					4.000	.065/.083	TC06-1367-03	.070	
					4.000	.095/.120	TC09-1367-04	.070	
					4.000 (3 1/2" pipe)	(5)	TC06-1367-03	.070	
					4.000 (3 1/2" pipe)	(10)	TC09-1367-04	.070	
				4.500	.095/.120	TC09-1117-04	.070		
				4.500 (4" pipe)	(5)	TC06-1117-03	.070		
				4.500 (4" pipe)	(10)	TC09-1117-04	.070		
				9E-4500	1.500	.049/.083	TC06-2340-03	.050	
					1.500	.095/.120	TC09-2320-04	.070	
				1.660 (1 1/4" pipe)	(5)	TC06-2260-03	.050		
				1.660 (1 1/4" pipe)	(10-40)	TC09-2240-04	.070		
				1.900 (1 1/2" pipe)	(5)	TC06-2140-03	.050		
				1.900 (1 1/2" pipe)	(10-40)	TC09-2120-04	.070		
				2.000	.049/.083	TC06-2090-03	.050		
				2.000	.095/.120	TC09-2070-04	.070		
				2.375 (2" pipe)	(5)	TC06-1902-03	.050		
				2.375 (2" pipe)	(10-40)	TC09-1882-04	.070		
9E-3500 & 8-4000	1.000	.049/.083	TC06-2140-03	.050					
	1.000	.095/.120	TC09-2120-04	.070					
	1.050 (3/4" pipe)	(5-10)	TC06-2115-03	.050					
	1.050 (3/4" pipe)	(40)	TC09-2095-04	.070					
	1.315 (1" pipe)	(5)	TC06-1982-03	.050					

* Except Parker ** Except 9E-3500

