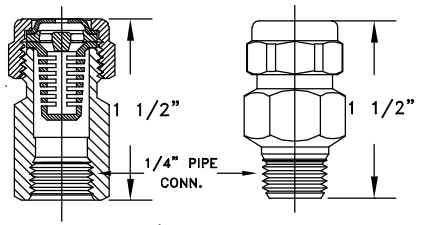
NOZZLE NO. TYPE T FEMALE CONN.	NOZZLE NO. TYPE TT MALE CONN.	ORIFICE NO.	CORE NO.	ORIFICE DIA. INCHES	CAPACITY G.P.M. (Gallons Per Minute) AND SPRAY ANGLE AT p.s.i. (Lbs. per sq. inch) 10	15	20	25	30	40	60	80	100	150	200	300	400
1/8T D1-13	1/8TT D1-13	D1	13	.031				.055 42°	.059 46°	.066 51°	.078 58°	.088 62°	.097 64°	.115 66°	.128 67°	.152 68°	.172 68°
1/4T D1-13	1/4TT D1-13																
1/8T D1.5-13	1/8TT D1.5-13	D1.5	13	.036			.057 38°	.062 44°	.067 49°	.075 55°	.088 62°	.098 66°	.110 68°	.127 70°	.142 71°	.167 72°	.187 72°
1/4T D1.5-13	1/4TT D1.5-13																
1/8T D2-13	1/8TT D2-13	D2	13	.041		.058 41°	.064 49°	.070 55°	.075 60°	.08 67°	.10 71°	.11 72°	.12 74°	.14 74°	.16 75°	.18 75°	.21 75°
1/4T D2-13	1/4TT D2-13																
1/8T D3-13	1/8TT D3-13	D3	13	.047		.064 45°	.071 53°	.077 59°	.08 64°	.09 70°	.11 73°	.12 75°	.13 77°	.16 77°	.18 78°	.20 78°	.23 78°
1/4T D3-13	1/4TT D3-13																
1/8T D4-13	1/8TT D4-13	D4	13	.063	.070 52°	.082 64°	.09 69°	.10 74°	.11 77°	.12 79°	.14 81°	.16 83°	.17 84°	.20 84°	.23 85°	.27 85°	.30 85°
1/4T D4-13	1/4TT D4-13																
1/8T D1-23	1/8TT D1-23	D1	23	.031					.064 41°	.072 47°	.080 54°	.096 58°	.107 60°	.124 63°	.139 64°	.164 65°	.184 65°
1/4T D1-23	1/4TT D1-23																
1/8T D1.5-23	1/8TT D1.5-23	D1.5	23	.036			.064 34°	.070 40°	.076 45°	.086 51°	.103 58°	.117 62°	.130 64°	.155 66°	.175 67°	.210 67°	.238 67°
1/4T D1.5-23	1/4TT D1.5-23																
1/8T D2-23	1/8TT D2-23	D2	23	.041		.070 43°	.078 51°	.085 55°	.092 59°	.10 63°	.13 68°	.14 70°	.16 71°	.19 72°	.21 72°	.25 72°	.28 72°
1/4T D2-23	1/4TT D2-23																
1/8T D3-23	1/8TT D3-23	D3	23	.047	.065 39°	.078 56°	.087 58°	.096 62°	.10 65°	.12 69°	.14 73°	.16 75°	.18 76°	.21 77°	.24 77°	.28 77°	.32 77°
1/4T D3-23	1/4TT D3-23																
1/8T D4-23	1/8TT D4-23	D4	23	.063	.082 54°	.100 62°	.113 68°	.13 74°	.14 77°	.15 82°	.19 85°	.21 87°	.23 88°	.28 88°	.32 88°	.38 88°	.44 88°
1/4T D4-23	1/4TT D4-23																
1/8T D5-23	1/8TT D5-23	D5	23	.078	.095 62°	.117 73°	.13 79°	.15 83°	.16 85°	.18 89°	.22 92°	.25 94°	.28 95°	.34 96°	.38 96°	.46 95°	.53 95°
1/4T D5-23	1/4TT D5-23																
1/8T D6-23	1/8TT D6-23	D6	23	.094	.112 70°	.136 79°	.15 84°	.17 87°	.19 89°	.21 93°	.26 96°	.29 98°	.32 99°	.39 100°	.45 100°	.54 99°	.62 99°
1/4T D6-23	1/4TT D6-23																
1/8T D1-25	1/8TT D1-25	D1	25	.031					.088 22°	.101 27°	.122 38°	.138 43°	.156 46°	.185 49°	.210 50°	.255 51°	.290 51°
1/4T D1-25	1/4TT D1-25																
1/8T D1.5-25	1/8TT D1.5-25	D1.5	25	.036				.110 24°	.118 30°	.135 38°	.162 45°	.185 49°	.205 51°	.245 54°	.280 55°	.33 55°	.38 55°
1/4T D1.5-25	1/4TT D1.5-25																
1/8T D2-25	1/8TT D2-25	D2	25	.041		.10 32°	.12 39°	.13 43°	.14 46°	.16 51°	.19 56°	.22 58°	.25 60°	.29 61°	.34 61°	.41 61°	.46 60°
1/4T D2-25	1/4TT D2-25																
1/8T D3-25	1/8TT D3-25	D3	25	.047	.10 41°	.12 47°	.14 52°	.15 55°	.17 58°	.19 61°	.23 65°	.26 67°	.29 68°	.35 69°	.40 69°	.48 69°	.55 68°
1/4T D3-25	1/4TT D3-25																
1/8T D4-25	1/8TT D4-25	D4	25	.063	.15 58°	.18 63°	.21 67°	.23 70°	.25 72°	.29 74°	.35 78°	.40 80°	.45 81°	.54 82°	.62 82°	.75 82°	.86 81°
1/4T D4-25	1/4TT D4-25																
1/8T D5-25	1/8TT D5-25	D5	25	.078	.18 65°	.22 70°	.25 73°	.28 75°	.30 77°	.35 79°	.42 83°	.48 84°	.54 85°	.65 85°	.75 84°	.90 84°	1.04 84°
1/4T D5-25	1/4TT D5-25																
1/8T D6-25	1/8TT D6-25	D6	25	.094	.23 73°	.28 77°	.32 79°	.35 81°	.39 83°	.44 85°	.54 88°	.62 89°	.70 89°	.85 89°	.97 89°	1.19 88°	1.37 88°
1/4T D6-25	1/4TT D6-25																
1/8T D7-25	1/8TT D7-25	D7	25	.109	.26 79°	.32 83°	.37 85°	.41 87°	.45 89°	.52 91°	.63 92°	.73 93°	.81 93°	.98 92°	1.18 92°	1.37 91°	1.59 91°
1/4T D7-25	1/4TT D7-25																
1/8T D8-25	1/8TT D8-25	D8	25	.125	.31 85°	.38 89°	.43 91°	.48 93°	.53 94°	.61 96°	.75 97°	.89 97°	.97 97°	1.19 96°	1.36 96°	1.68 95°	1.94 95°
1/4T D8-25	1/4TT D8-25																
1/8T D10-25	1/8TT D10-25	D10	25	.156	.38 90°	.46 94°	.54 97°	.60 98°	.65 100°	.76 102°	.93 103°	1.07 103°	1.21 103°	1.48 102°	1.71 102°	2.1 101°	2.4 101°
1/4T D10-25	1/4TT D10-25																
1/8T D12-25	1/8TT D12-25	D12	25	.188	.46 96°	.57 101°	.61 103°	.73 105°	.80 107°	.93 109°	1.15 111°	1.32 112°	1.47 112°	1.81 111°	2.09 111°	2.55 110°	2.95 110°
1/4T D12-25	1/4TT D12-25																
1/8T D14-25	1/8TT D14-25	D14	25	.219	.51 102°	.62 105°	.72 108°	.81 110°	.88 111°	1.03 113°	1.26 114°	1.47 114°	1.65 114°	2.02 113°	2.34 113°	2.89 112°	3.31 112°
1/4T D14-25	1/4TT D14-25																
1/8T D1-45	1/8TT D1-45	D1	45	.031						.125 22°	.148 29°	.170 34°	.190 36°	.225 39°	.257 40°	.310 40°	.350 40°
1/4T D1-45	1/4TT D1-45																
1/8T D1.5-45	1/8TT D1.5-45	D1.5	45	.036				.13 20°	.14 25°	.16 33°	.20 41°	.23 44°	.25 46°	.31 48°	.35 49°	.43 50°	.49 50°
1/4T D1.5-45	1/4TT D1.5-45																
1/8T D2-45	1/8TT D2-45	D2	45	.041		.13 26°	.14 32°	.16 36°	.18 40°	.20 46°	.25 52°	.28 55°	.32 57°	.38 58°	.44 58°	.53 58°	.61 57°
1/4T D2-45	1/4TT D2-45																
1/8T D3-45	1/8TT D3-45	D3	45	.047		.14 34°	.17 40°	.18 45°	.20 48°	.23 53°	.28 57°	.33 60°	.36 61°	.44 62°	.51 62°	.62 62°	.71 61°
1/4T D3-45	1/4TT D3-45																
1/8T D4-45	1/8TT D4-45	D4	45	.063	.18 52°	.22 59°	.25 62°	.28 65°	.31 67°	.36 69°	.43 71°	.50 72°	.56 73°	.68 73°	.78 73°	.95 72°	1.11 72°
1/4T D4-45	1/4TT D4-45																
1/8T D5-45	1/8TT D5-45	D5	45	.078	.23 57°	.28 63°	.32 67°	.36 70°	.39 71°	.45 73°	.55 75°	.64 76°	.71 76°	.86 76°	.99 76°	1.22 75°	1.4 75°
1/4T D5-45	1/4TT D5-45																
1/8T D6-45	1/8TT D6-45	D6	45	..094	.29 65°	.35 70°	.41 73°	.45 75°	.50 77°	.58 79°	.72 80°	.83 81°	.93 81°	1.15 80°	1.33 80°	1.64 79°	1.9 79°
1/4T D6-45	1/4TT D6-45																
1/8T D7-45	1/8TT D7-45	D7	45	.109	.33 73°	.41 78°	.48 81°	.54 83°	.59 84°	.68 86°	.84 87°	.97 87°	1.11 87°	1.35 86°	1.57 86°	1.94 85°	2.25 85°
1/4T D7-45	1/4TT D7-45																

NOTE: FOR NOZZLES USING ORIFICE DISC NOS. 1, 1.5 AND 2 OR CORE NOS. 13 AND 23...
STRAINER NO. 4514-20, EQUIVALENT TO 25 MESH SCREEN, IS SUPPLIED.
FOR OTHER SIZES STRAINER NO. 4514-32, EQUIVALENT TO 16 MESH SCREEN, IS SUPPLIED.

NOZZLE NO. TYPE T FEMALE CONN.	NOZZLE NO. TYPE TT MALE CONN.	ORIFICE NO.	CORE NO.	ORIFICE DIA. INCHES	CAPACITY G.P.M. (Gallons Per Minute) AND SPRAY ANGLE AT p.s.i. (Lbs. per sq. inch) 10	15	20	25	30	40	60	80	100	150	200	300	400
1/8T D8-45	1/8TT D8-45	D8	45	.125	.41 80°	.51 84°	.59 86°	.66 88°	.72 89°	.84 90°	1.04 90°	1.21 90°	1.35 90°	1.68 89°	1.94 89°	2.40 88°	2.78 88°
1/4T D8-45	1/4TT D8-45																
1/8T D10-45	1/8TT D10-45	D10	45	.156	.54 86°	.66 88°	.77 90°	.86 91°	.94 92°	1.10 93°	1.35 93°	1.57 93°	1.77 93°	2.18 92°	2.50 92°	3.10 91°	3.60 91°
1/4T D10-45	1/4TT D10-45																
1/8T D12-45	1/8TT D12-45	D12	45	.188	.67 93°	.82 95°	.95 97°	1.07 98°	1.17 99°	1.36 100°	1.68 101°	1.95 102°	2.20 102°	2.69 101°	3.11 101°	3.80 100°	4.40 100°
1/4T D12-45	1/4TT D12-45																
1/8T D14-45	1/8TT D14-45	D14	45	.219	.75 96°	.92 99°	1.07 101°	1.20 102°	1.32 103°	1.53 104°	1.89 105°	2.19 105°	2.45 105°	3.00 104°	3.49 104°	4.30 103°	4.98 103°
1/4T D14-45	1/4TT D14-45																
1/8T D16-45	1/8TT D16-45	D16	45	.250	.86 103°	1.08 106°	1.25 108°	1.40 109°	1.54 110°	1.79 111°	2.20 112°	2.57 112°	2.89 112°	3.54 111°	4.11 111°	5.20 110°	5.88 110°
1/4T D16-45	1/4TT D16-45																
1/8T D1-46	1/8TT D1-46	D1	46	.031						.145 13°	.178 14°	.205 15°	.23 16°	.28 17°	.32 17°	.39 17°	.45 16°
1/4T D1-46	1/4TT D1-46																
1/8T D1.5-46	1/8TT D1.5-46	D1.5	46	.036						.213 15°	.260 16°	.300 17°	.33 18°	.41 18°	.46 18°	.56 18°	.64 17°
1/4T D1.5-46	1/4TT D1.5-46																
1/8T D2-46	1/8TT D2-46	D2	46	.041				.22 14°	.24 15°	.27 18°	.33 20°	.37 21°	.42 21°	.50 20°	.57 19°	.68 18°	.78 18°
1/4T D2-46	1/4TT D2-46																
1/8T D3-46	1/8TT D3-46	D3	46	.047			.23 14°	.25 16°	.28 18°	.32 20°	.39 23°	.45 24°	.51 24°	.61 23°	.70 22°	.86 21°	.99 21°
1/4T D3-46	1/4TT D3-46																
1/8T D4-46	1/8TT D4-46	D4	46	.063	.28 16°	.34 20°	.39 23°	.44 25°	.48 26°	.56 29°	.68 32°	.78 33°	.88 33°	1.07 32°	1.23 32°	1.52 31°	1.76 31°
1/4T D4-46	1/4TT D4-46																
1/8T D5-46	1/8TT D5-46	D5	46	.078	.38 22°	.47 28°	.54 33°	.60 35°	.66 37°	.77 39°	.94 41°	1.10 42°	1.25 42°	1.50 41°	1.73 41°	2.13 40°	2.47 40°
1/4T D5-46	1/4TT D5-46																
1/8T D6-46	1/8TT D6-46	D6	46	.094	.55 31°	.67 38°	.78 42°	.87 45°	.95 47°	1.10 48°	1.35 49°	1.58 50°	1.73 50°	2.16 49°	2.50 48°	3.06 47°	3.52 47°
1/4T D6-46	1/4TT D6-46																
1/8T D7-46	1/8TT D7-46	D7	46	.109			.98 48°	1.10 50°	1.22 51°	1.39 53°	1.72 55°	1.97 56°	2.22 56°	2.73 55°	3.15 54°	3.85 53°	4.42 53°
1/4T D7-46	1/4TT D7-46																
1/8T D8-46	1/8TT D8-46	D8	46	.125				1.45 57°	1.59 58°	1.84 60°	2.25 61°	2.62 62°	2.93 62°	3.60 61°	4.17 60°	5.05 59°	5.88 58°
1/4T D8-46	1/4TT D8-46																
1/8T D10-46	1/8TT D10-46	D10	46	.156					2.15 65°	2.48 66°	3.05 67°	3.53 68°	3.96 68°	4.83 66°	5.59 65°	6.8 64°	7.9 64°
1/4T D10-46	1/4TT D10-46																
1/8T D1-56	1/8TT D1-56	D1	56	.031							.180 12°	.208 13°	.23 14°	.28 14°	.33 14°	.40 14°	.46 13°
1/4T D1-56	1/4TT D1-56																
1/8T D1.5-56	1/8TT D1.5-56	D1.5	56	.036							.262 14°	.302 15°	.33 16°	.41 16°	.47 16°	.57 16°	.65 15°
1/4T D1.5-56	1/4TT D1.5-56																



TYPE 1/4T TYPE 1/4TT

TABULATION IS BASED ON WATER AT A TEMPERATURE OF 70° F.

NOZZLE CAPS AND BODIES ARE THE SAME AS USED ON OTHER TEEJET NOZZLES. THEREFORE, REGULAR TEEJET TIPS AND STRAINERS ARE INTERCHANGEABLE WITH THOSE OF THE DISC TYPE.

THE ORIFICE DISCS ARE INTERCHANGEABLE AS ARE THE CORES.

BRASS CONSTRUCTION WITH ORIFICE DISC MADE OF HARDENED STAINLESS STEEL.

DESCRIPTION:
DISC TYPE TEEJET NOZZLES

Spraying Systems Co.®
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, Il. 60189-7900

Rev. No.	Data Sheet No. 4498
Ref.	SHEET OF

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