

Capacities of Spuds and Orifices (continued)																					
Drill Designation	Diameter, Inches	Area, Square Inches	Capacities in CFH of 0.6 Gravity High Pressure Natural Gas and an Orifice Coefficient of 1.0																		
			Upstream Pressure, Psi Gauge																		
			1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	25	30	40	50
I	0.2720	0.005811	653	916	1120	1290	1430	1560	1680	1790	1890	1980	2160	2300	2450	2620	2780	3180	3580	4380	5180
J	0.2770	0.006026	677	957	1170	1340	1490	1620	1750	1860	1960	2060	2240	2390	2560	2720	2880	3300	3710	4540	5370
K	0.2810	0.006102	697	983	1200	1380	1530	1670	1800	1910	2020	2120	2300	2450	2630	2800	2970	3390	3820	4680	5530
9/32"	0.2812	0.006113	698	984	1200	1380	1530	1670	1800	1910	2020	2120	2310	2460	2630	2800	2970	3400	3830	4680	5540
L	0.2900	0.006605	742	1050	1280	1460	1630	1780	1910	2030	2150	2250	2450	2610	2800	2980	3160	3610	4070	4980	5890
M	0.2930	0.006835	768	1090	1320	1520	1680	1840	1980	2100	2220	2330	2540	2710	2890	3080	3270	3740	4210	5150	6090
19/64"	0.2969	0.006922	778	1100	1340	1530	1710	1860	2000	2130	2250	2360	2570	2740	2930	3120	3310	3790	4260	5220	6170
N	0.3020	0.007163	805	1140	1380	1590	1760	1930	2070	2210	2330	2440	2660	2830	3030	3230	3430	3920	4410	5400	6390
5/16"	0.3125	0.007670	862	1220	1480	1700	1890	2060	2220	2360	2490	2620	2850	3030	3250	3460	3670	4200	4720	5780	6840
O	0.3160	0.007843	881	1250	1520	1740	1930	2110	2270	2410	2550	2660	2910	3100	3320	3540	3750	4290	4830	5910	6990
P	0.3230	0.008194	920	1300	1580	1820	2020	2200	2370	2520	2660	2800	3040	3240	3470	3690	3920	4480	5050	6180	7300
21/64"	0.3281	0.008456	950	1340	1630	1870	2080	2270	2450	2600	2750	2890	3140	3350	3580	3810	4040	4630	5210	6370	7540
Q	0.3320	0.008657	972	1370	1670	1920	2130	2330	2500	2660	2810	2950	3210	3420	3660	3900	4140	4740	5330	6520	7720
R	0.3390	0.009026	1020	1430	1740	2000	2220	2430	2607	2780	2930	3080	3350	3570	3820	4070	4320	4940	5560	6800	8040
11/32"	0.3437	0.009281	1050	1470	1790	2060	2290	2500	2690	2860	3020	3170	3450	3670	3930	4180	4440	5080	5720	6990	8270
S	0.3480	0.09511	1070	1510	1840	2110	2340	2530	2750	2930	3090	3240	3530	3760	4020	4290	4550	5200	5860	7170	8480
T	0.3580	0.1006	1130	1600	1940	2230	2480	2710	2910	3100	3270	3430	3740	4000	4260	4530	4810	5500	6200	7580	8970
23/64"	0.3594	0.1014	1140	1610	1960	2250	2500	2730	2930	3120	3300	3460	3770	4010	4290	4570	4850	5550	6240	7640	9040
U	0.3680	0.1065	1200	1690	2050	2360	2620	2860	3080	3270	3460	3630	3950	4210	4500	4790	5050	5820	6550	8020	9480
3/8"	0.3750	0.1105	1240	1750	2130	2450	2720	2970	3200	3400	3590	3770	4100	4370	4670	4980	5280	6040	6800	8330	9850
V	0.3770	0.1116	1260	1770	2150	2470	2750	3000	3230	3430	3630	3810	4140	4410	4720	5030	5340	6100	6870	8410	9950
W	0.3860	0.1170	1320	1860	2260	2590	2900	3200	3380	3600	3800	3990	4340	4630	5000	5270	5590	6350	7200	8820	10,400
25/64"	0.3960	0.1198	1350	1900	2310	2650	2950	3220	3460	3680	3890	4090	4450	4740	5100	5400	5730	6550	7380	9030	10,700
X	0.3970	0.1238	1390	1960	2390	2740	3050	3330	3580	3810	4020	4220	4600	4900	5240	5580	5920	6770	7620	9330	11,100
Y	0.4040	0.1282	1440	2030	2470	2840	3150	3450	3710	3940	4160	4370	4760	5070	5420	5780	6130	7010	7890	9660	11,500
Z	0.4062	0.1295	1460	2060	2500	2870	3190	3480	3750	3990	4210	4420	4810	5120	5480	5840	6200	7090	7980	9760	11,600
13/32"	0.4130	0.1340	1510	2130	2590	2970	3300	3600	3870	4130	4350	4570	4970	5300	5670	6040	6400	7330	8250	10100	12,000
27/64"	0.4219	0.1398	1570	2220	2700	3100	3440	3760	4040	4300	4540	4770	5190	5530	5910	6300	6680	7650	8610	10600	12,500
7/16"	0.4375	0.1503	1690	2380	2900	3330	3700	4040	4350	4620	4880	5120	5580	5940	6360	6770	7200	8220	9250	11400	13,400
29/64"	0.4531	0.1613	1820	2560	3110	3570	4000	4230	4660	5000	5140	5500	5990	6380	6820	7270	7700	8820	9930	12200	14,400
15/32"	0.4687	0.1726	1940	2740	3330	3820	4250	4640	4990	5310	5610	5880	6410	6820	7300	7770	8300	9440	10,700	1300	15,400
31/64"	0.4844	0.1843	2070	3280	3550	4080	4530	4950	5330	5670	5990	6280	6840	7280	7790	8300	8800	10,100	11,400	13900	16,400
1/2"	0.5000	0.1964	2210	3110	3790	4350	4830	5280	5680	6340	6380	6690	7290	7760	8310	8850	9400	10,800	12,100	14800	17,500
33/64"	0.5156	0.2088	2350	3310	4030	4620	5140	5610	6040	6420	6780	7120	7750	8250	8890	9400	10,000	11,500	12,900	15800	18,800
17/32"	0.5313	0.2217	2490	3510	4280	4910	5450	5960	6410	6820	7200	7560	8230	8760	9370	9980	10,600	12,200	13,700	16700	19,800
35/64"	0.5469	0.2349	2640	3720	4530	5200	5780	6310	6790	7220	7630	8010	8720	9290	9930	10,600	11,300	12,900	14,500	17700	21,000
9/16"	0.5625	0.2485	2790	3940	4770	5500	6110	6680	7180	7640	8070	8470	9220	9820	10,500	11,200	11,900	13,600	15,300	18800	22,000
37/64"	0.5781	0.2625	2950	4160	5060	5810	6450	7050	7590	8070	8520	8950	9740	10,370	11,100	11,900	12,600	14,400	16,200	19800	23,400
19/32"	0.5938	0.2769	3110	4390	5340	6130	6810	7440	8000	8510	8990	9440	10,300	10,940	11,700	12,500	13,300	15,200	17,100	20900	24,700
39/64"	0.6094	0.2917	3280	4620	5620	6450	7170	7830	8430	8970	9470	9940	10,900	11,600	12,400	13,200	14,000	16,000	18,000	22000	26,000
5/8"	0.6250	0.3068	3450	4860	5910	6790	7540	8260	8870	9430	9960	10,500	11,400	12,200	12,700	13,900	14,700	16,800	18,900	23100	27,400
41/64"	0.6406	0.3223	3620	5110	6210	7130	7920	8640	9310	9910	10,500	11,000	12,000	12,800	13,700	14,600	15,400	17,700	19,900	24300	28,800
21/32"	0.6562	0.3382	3800	5360	6520	7480	8320	9080	9770	10,400	11,000	11,600	12,600	13,400	14,300	15,300	16,200	18,500	20,900	25500	30,200
43/64"	0.6719	0.3545	3980	5620	6830	7840	8720	9520	10,300	10,900	11,500	12,100	13,200	14,000	15,000	16,000	17,000	19,400	21,900	26700	31,600
11/16"	0.6875	0.3712	4170	5880	7150	8210	9130	9970	10,600	11,500	12,100	12,700	13,800	14,700	15,700	16,800	17,800	20,300	22,900	28000	33,100
23/32"	0.7188	0.4057	4560	6430	7820	8970	9970	10,900	11,800	12,500	13,200	13,900	15,100	16,100	17,200	18,300	19,400	22,200	25,000	30600	36,200
3/4"	0.7500	0.4418	4960	7000	8510	9770	10,900	11,900	12,800	13,600	14,400	15,100	16,400	17,500	18,700	19,900	21,200	24,200	27,200	33300	39,400
25/32"	0.7812	0.4794	5390	7590	9240	10,600	11,800	12,900	13,900	14,800	15,600	16,400	17,800	19,000	20,300	21,600	22,900	26,200	29,500	36100	42,800
13/16"	0.8125	0.5185	5830	8210	9990	11,500	12,800	14,000	15,000	16,000	16,900	17,700	19,300	20,500	22,000	23,400	24,800	28,400	32,000	39100	46,200
27/32"	0.8438	0.5591	6280	8850	10,800	12,400	13,800	15,000	16,200	17,200	18,200	19,100	20,800	22,100	23,700	25,200	26,700	30,600	34,400	42100	49,800
7/8"	0.8750	0.6013	6760	9520	11,600	13,300	14,800	16,200	17,400	18,500	19,600	20,500	22,300	23,800	25,500	27,100	28,800	32,900	37,000	45300	53,600
29/32"	0.9062	0.6450	7250	10,200	12,400	14,300	15,900	17,400	18,700	19,900	21,000	22,000	24,000	25,500	26,400	29,100	30,900	35,300	39,700	48600	57,500
15/16"	0.9375	0.6903	7750	10,900	13,300	15,300	17,000	18,600	20,000	21,200	22,400	23,600	25,600	27,500	29,200	31,100	33,000	37,800	42,500	52000	61,500
31/32"	0.9688	0.7371	8280	11,700	14,200	16,300	18,200	19,800	21,300	22,700	24,000	25,100	27,400	29,200	31,200	33,200	35,300	40,300	45,400	55600	65,700
1.0"	1.0000	0.7854	8820	12,400	15,100	17,400	19,300	21,100	22,700	24,200	25,500	26,800	29,200	31,100	33,200	35,400	37,600	43,000	48,400	59200	70,000