

# Nitrous to Fuel Flow Chart



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<b>Customer Name</b>	Stinger 4 Deep Break Bracket
<b>System Type</b>	Stinger 4 Deep Break Bracket
<b>Bottle Configuration</b>	Single 15 LB With .508 ID Valve
<b>N20 Pressure</b>	950 PSI
<b>Solenoids</b>	.122 Nitrous & .177 Fuel
<b>Nozzles/ Dist.</b>	Stinger 4 Plate
<b>Feed Line Size/Length</b>	6ft 6 AN
<b>Flow Jet in Flow tool</b>	Set Flowing Fuel Pressure With Fuel Jet That Is In Plate

Stage	N20 Jet	PSI Drop	lbs 5 Sec.	N20 lbs Hour	Horse Power	Fuel Jet	Fuel PPH	Fuel PSI	N20:Fuel Ratio	Notes
	0.035	16	0.3	216	60	0.027	22	5	9.82:1	
	0.035	16	0.3	216	60	0.027	25	6	8.64:1	
	0.035	16	0.3	216	60	0.027	27	7	8:1	Start Here
	0.035	16	0.3	216	60	0.027	28	8	7.71:1	
	0.035	16	0.3	216	60	0.027	30	9	7.2:1	
	0.035	16	0.3	216	60	0.027	32	10	6.75:1	
	0.052	21	0.53	381.6	106	0.036	39	5	9.78:1	
	0.052	21	0.53	381.6	106	0.036	43	6	8.87:1	
	0.052	21	0.53	381.6	106	0.036	46	7	8.3:1	Start at 7.5 psi = 48 PPH (7.95:1)
	0.052	21	0.53	381.6	106	0.036	50	8	7.63:1	
	0.052	21	0.53	381.6	106	0.036	52	9	7.34:1	
	0.052	21	0.53	381.6	106	0.036	54	10	7.07:1	
	0.062	23	0.66	475.2	132	0.039	50	5	9.5:1	
	0.062	23	0.66	475.2	132	0.039	55	6	8.64:1	
	0.062	23	0.66	475.2	132	0.039	60	7	7.92:1	Start Here
	0.062	23	0.66	475.2	132	0.039	64	8	7.43:1	
	0.062	23	0.66	475.2	132	0.039	68	9	6.99:1	

	0.062	23	0.66	475.2	132	0.039	70	10	6.79:1	
	0.064	27	0.75	540	150	0.042	57	5	9.47:1	
	0.064	27	0.75	540	150	0.042	63	6	8.57:1	
	0.064	27	0.75	540	150	0.042	68	7	7.94:1	Start Here
	0.064	27	0.75	540	150	0.042	72	8	7.5:1	
	0.064	27	0.75	540	150	0.042	75	9	7.2:1	
	0.064	27	0.75	540	150	0.042	78	10	6.92:1	
	0.072	28	0.89	640.8	178	0.045	67	5	9.56:1	
	0.072	28	0.89	640.8	178	0.045	75	6	8.54:1	
	0.072	28	0.89	640.8	178	0.045	80	7	8.01:1	Start Here
	0.072	28	0.89	640.8	178	0.045	82	8	7.81:1	
	0.072	28	0.89	640.8	178	0.045	84	9	7.63:1	
	0.072	28	0.89	640.8	178	0.045	86	10	7.45:1	
	0.078	34	1.04	748.8	208	0.050	82	5	9.13:1	
	0.078	34	1.04	748.8	208	0.050	89	6	8.41:1	
	0.078	34	1.04	748.8	208	0.050	96	7	7.8:1	Start at 6.5 psi = 93 PPH (8.05:1)
	0.078	34	1.04	748.8	208	0.050	104	8	7.2:1	
	0.078	34	1.04	748.8	208	0.050	110	9	6.81:1	
	0.078	34	1.04	748.8	208	0.050	113	10	6.63:1	
	0.082	36	1.12	806.4	224	0.050	82	5	9.83:1	
	0.082	36	1.12	806.4	224	0.050	89	6	9.06:1	
	0.082	36	1.12	806.4	224	0.050	96	7	8.4:1	
	0.082	36	1.12	806.4	224	0.050	104	8	7.75:1	Start at 7.5psi = 100 PPH (8.06:1)
	0.082	36	1.12	806.4	224	0.050	110	9	7.33:1	
	0.082	36	1.12	806.4	224	0.050	113	10	7.14:1	
	0.086	42	1.25	900	250	0.054	93	5	9.68:1	

	0.086	42	1.25	900	250	0.054	103	6	8.74:1	
	0.086	42	1.25	900	250	0.054	111	7	8.11:1	Start Here
	0.086	42	1.25	900	250	0.054	120	8	7.5:1	
	0.086	42	1.25	900	250	0.054	123	9	7.32:1	
	0.086	42	1.25	900	250	0.054	127	10	7.09:1	
	0.093	40	1.35	972	270	0.060	107	5	9.08:1	
	0.093	40	1.35	972	270	0.060	117	6	8.31:1	
	0.093	40	1.35	972	270	0.060	127	7	7.65:1	Start at 6.5 psi = 121 PPH (8.03:1)
	0.093	40	1.35	972	270	0.060	138	8	7.04:1	
	0.093	40	1.35	972	270	0.060	145	9	6.7:1	
	0.093	40	1.35	972	270	0.060	154	10	6.31:1	
	0.099	48	1.55	1116	310	0.068	114	5	9.79:1	
	0.099	48	1.55	1116	310	0.068	125	6	8.93:1	
	0.099	48	1.55	1116	310	0.068	136	7	8.21:1	Start at 7.5 psi = 140 PPH (7.97:1)
	0.099	48	1.55	1116	310	0.068	147	8	7.59:1	
	0.099	48	1.55	1116	310	0.068	156	9	7.15:1	
	0.099	48	1.55	1116	310	0.068	164	10	6.8:1	
	0.105	59	1.82	1310.4	364	0.073	132	5	9.93:1	
	0.105	59	1.82	1310.4	364	0.073	145	6	9.04:1	
	0.105	59	1.82	1310.4	364	0.073	155	7	8.45:1	
	0.105	59	1.82	1310.4	364	0.073	167	8	7.85:1	Start at 7.5 psi = 158 PPH (8.29:1)
	0.105	59	1.82	1310.4	364	0.073	179	9	7.32:1	
	0.105	59	1.82	1310.4	364	0.073	188	10	6.97:1	
	0.110	62	1.94	1396.8	388	0.074	145	5	9.63:1	
	0.110	62	1.94	1396.8	388	0.074	160	6	8.73:1	
	0.110	62	1.94	1396.8	388	0.074	172	7	8.12:1	Start Here
	0.110	62	1.94	1396.8	388	0.074	185	8	7.55:1	



	No Jet	78	2.51	1807.2	502	0.099	186	5	9.72:1	Requires Special Plate Fitting
	No Jet	78	2.51	1807.2	502	0.099	206	6	8.77:1	
	No Jet	78	2.51	1807.2	502	0.099	221	7	8.18:1	Start Here
	No Jet	78	2.51	1807.2	502	0.099	239	8	7.56:1	
	No Jet	78	2.51	1807.2	502	0.099	253	9	7.14:1	
	No Jet	78	2.51	1807.2	502	0.099	266	10	6.79:1	