

Metering Rod and Jet Chart for Carter AFB Carburetors

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		METERING RODS																		
<i>ECONOMY STEP</i>		16-690	16P-241	16P-442	16P-118	16P-121	16P-243	16P-485	16P-543	16-691	16-98	16P-330	16P-328	16-544	16-388	16P-136	16P-270	16P-225	16P-227	16P-555
JETS	SIZE	0.0745	0.0705	0.0560	0.0600	0.0615	0.0710	0.0650	0.0690	0.0760	0.0680	0.0680	0.0690	0.0715	0.0730	0.0710	0.0720	0.0730	0.0740	0.0760
120P-368	0.068			116.9	80.4	66.1		31.3												
120P-371	0.071		5.6	149.6	113.2	98.9		64.1	22.0		32.8	32.8	22.0							
120P-374	0.074		39.7	183.8	147.3	133.0	34.2	98.3	56.2		66.9	66.9	56.2	28.6	11.5	34.2	22.9	11.5		
120P-377	0.077	29.7	75.3	219.4	182.9	168.6	69.7	133.8	91.7	12.0	102.5	102.5	91.7	64.1	47.1	69.7	58.5	47.1	35.6	12.0
120P-380	0.080	66.7	112.3	256.4	219.9	205.6	106.7	170.8	128.7	49.0	139.5	139.5	128.7	101.1	84.1	106.7	95.5	84.1	72.6	49.0
120P-383	0.083	105.1	150.7	294.8	258.3	244.0	145.1	209.2	167.1	87.4	177.9	177.9	167.1	139.5	122.5	145.1	133.9	122.5	111.0	87.4
120P-386	0.086	145.0	190.5	334.6	298.1	283.8	185.0	249.0	207.0	127.2	217.7	217.7	207.0	179.4	162.3	185.0	173.7	162.3	150.8	127.2
120P-389	0.089	186.2	231.8	375.8	339.4	325.1	226.2	290.3	248.2	168.5	258.9	258.9	248.2	220.6	203.6	226.2	215.0	203.6	192.0	168.5
120P-392	0.092	228.8	274.4	418.5	382.0	367.7	268.8	332.9	290.8	211.1	301.6	301.6	290.8	263.2	246.2	268.8	257.6	246.2	234.7	211.1
120P-395	0.095	272.9	318.5	462.5	426.1	411.8	312.9	377.0	334.9	255.2	345.7	345.7	334.9	307.3	290.3	312.9	301.7	290.3	278.7	255.2
120P-398	0.098	318.4	363.9	508.0	471.6	457.2	358.4	422.5	380.4	300.7	391.1	391.1	380.4	352.8	335.8	358.4	347.1	335.8	324.2	300.7
120P-401	0.101	365.3	410.8	554.9	518.4	504.1	405.3	469.4	427.3	347.5	438.0	438.0	427.3	399.7	382.6	405.3	394.0	382.6	371.1	347.5
120P-404	0.104	413.6	459.1	603.2	566.7	552.4	453.6	517.7	475.6	395.8	486.3	486.3	475.6	448.0	430.9	453.6	442.3	430.9	419.4	395.8
120P-407	0.107	463.3	508.8	652.9	616.5	602.1	503.3	567.4	525.3	445.6	536.0	536.0	525.3	497.7	480.7	503.3	492.1	480.7	469.1	445.6
120P-410	0.110	514.4	560.0	704.0	667.6	653.3	554.4	618.5	576.4	496.7	587.2	587.2	576.4	548.8	531.8	554.4	543.2	531.8	520.2	496.7
120P-413	0.113	567.0	612.5	756.6	720.1	705.8	607.0	671.0	628.9	549.2	639.7	639.7	628.9	601.4	584.3	607.0	595.7	584.3	572.8	549.2

		METERING RODS																		
<i>POWER STEP</i>		16-690	16P-241	16P-442	16P-118	16P-121	16P-243	16P-485	16P-543	16-691	16-98	16P-330	16P-328	16-544	16-388	16P-136	16P-270	16P-225	16P-227	16P-555
JETS	SIZE	0.0470	0.0475	0.0480	0.0490	0.0500	0.0500	0.0520	0.0540	0.0550	0.0555	0.0570	0.0580	0.0580	0.0600	0.0610	0.0620	0.0630	0.0650	0.0650
120P-368	0.068			182.2	174.6	166.8		150.8												
120P-371	0.071		218.7	215.0	207.3	199.6		183.5	166.9		154.0	140.7	131.7							
120P-374	0.074		252.9	249.1	241.5	233.7	233.7	217.7	201.1		188.2	174.9	165.9	165.9	147.3	137.8	128.2	118.4		
120P-377	0.077	292.2	288.5	284.7	277.1	269.3	269.3	253.3	236.6	228.1	223.7	210.5	201.5	201.5	182.9	173.4	163.8	153.9	133.8	133.8
120P-380	0.080	329.2	325.4	321.7	314.1	306.3	306.3	290.3	273.6	265.1	260.7	247.5	238.4	238.4	219.9	210.4	200.7	190.9	170.8	170.8
120P-383	0.083	367.6	363.9	360.1	352.5	344.7	344.7	328.7	312.0	303.5	299.1	285.9	276.9	276.9	258.3	248.8	239.2	229.3	209.2	209.2
120P-386	0.086	407.4	403.7	399.9	392.3	384.5	384.5	368.5	351.9	343.3	339.0	325.7	316.7	316.7	298.1	288.6	279.0	269.2	249.0	249.0
120P-389	0.089	448.6	444.9	441.2	433.5	425.8	425.8	409.7	393.1	384.5	380.2	366.9	357.9	357.9	339.4	329.9	320.2	310.4	290.3	290.3
120P-392	0.092	491.3	487.6	483.8	476.2	468.4	468.4	452.4	435.7	427.2	422.8	409.6	400.6	400.6	382.0	372.5	362.9	353.0	332.9	332.9
120P-395	0.095	535.3	531.6	527.9	520.2	512.5	512.5	496.5	479.8	471.2	466.9	453.6	444.6	444.6	426.1	416.6	406.9	397.1	377.0	377.0
120P-398	0.098	580.8	577.1	573.3	565.7	557.9	557.9	541.9	525.3	516.7	512.4	499.1	490.1	490.1	471.6	462.0	452.4	442.6	422.5	422.5
120P-401	0.101	627.7	624.0	620.2	612.6	604.8	604.8	588.8	572.2	563.6	559.3	546.0	537.0	537.0	518.4	508.9	499.3	489.5	469.4	469.4
120P-404	0.104	676.0	672.3	668.5	660.9	653.1	653.1	637.1	620.5	611.9	607.6	594.3	585.3	585.3	566.7	557.2	547.6	537.8	517.7	517.7
120P-407	0.107	725.7	722.0	718.2	710.6	702.9	702.9	686.8	670.2	661.6	657.3	644.0	635.0	635.0	616.5	607.0	597.3	587.5	567.4	567.4
120P-410	0.110	776.8	773.1	769.4	761.8	754.0	754.0	738.0	721.3	712.7	708.4	695.2	686.1	686.1	667.6	658.1	648.4	638.6	618.5	618.5
120P-413	0.113	829.4	825.7	821.9	814.3	806.5	806.5	790.5	773.9	765.3	761.0	747.7	738.7	738.7	720.1	710.6	701.0	691.2	671.0	671.0

Meter Rod Size Difference	16-690	16P-241	16P-442	16P-118	16P-121	16P-243	16P-485	16P-543	16-691	16-98	16P-330	16P-328	16-544	16-388	16P-136	16P-270	16P-225	16P-227	16P-555
	0.0275	0.0230	0.0080	0.0110	0.0115	0.0210	0.0130	0.0150	0.0210	0.0125	0.0110	0.0110	0.0135	0.0130	0.0100	0.0100	0.0100	0.0090	0.0110

BLUE ITALICISED PN's AVAILABLE ONLY IN STRIP KIT, OTHERS AVAILABLE SEPARATELY

net areas of orifices in square inches x 10⁵