

SMALL K FLOODJET 32" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	
* SEPCIFY MATERIAL																	
	psi gpm																
1/8KSS.50	10	0.05	2.3	2.1	1.9	1.7	1.5	1.4	1.3	1.2	1.2	1.1	1.0	1.0	0.9	0.9	0.8
	20	0.07	3.3	2.9	2.6	2.4	2.2	2.0	1.9	1.8	1.6	1.6	1.5	1.4	1.3	1.3	1.2
	30	0.09	4.0	3.6	3.2	2.9	2.7	2.5	2.3	2.2	2.0	1.9	1.8	1.7	1.6	1.5	1.5
100 MESH	40	0.10	4.6	4.1	3.7	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7
1/8KSS.75	10	0.08	3.5	3.1	2.8	2.5	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.5	1.4	1.3	1.3
	20	0.11	5.1	4.5	4.1	3.7	3.4	3.1	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.9	1.9
	30	0.13	6.0	5.4	4.8	4.4	4.0	3.7	3.4	3.2	3.0	2.8	2.7	2.5	2.4	2.3	2.2
100 MESH	40	0.15	7.0	6.2	5.6	5.1	4.6	4.3	4.0	3.7	3.5	3.3	3.1	2.9	2.8	2.7	2.5
1/8KSS1	10	0.10	4.6	4.1	3.7	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7
	20	0.14	6.5	5.8	5.2	4.7	4.3	4.0	3.7	3.5	3.2	3.1	2.9	2.7	2.6	2.5	2.4
	30	0.17	7.9	7.0	6.3	5.7	5.3	4.9	4.5	4.2	3.9	3.7	3.5	3.3	3.2	3.0	2.9
50 MESH	40	0.20	9.3	8.3	7.4	6.8	6.2	5.7	5.3	5.0	4.6	4.4	4.1	3.9	3.7	3.5	3.4
1/8KSS1.5	10	0.15	7.0	6.2	5.6	5.1	4.6	4.3	4.0	3.7	3.5	3.3	3.1	2.9	2.8	2.7	2.5
	20	0.21	9.7	8.7	7.8	7.1	6.5	6.0	5.6	5.2	4.9	4.6	4.3	4.1	3.9	3.7	3.5
	30	0.26	12.1	10.7	9.7	8.8	8.0	7.4	6.9	6.4	6.0	5.7	5.4	5.1	4.8	4.6	4.4
50 MESH	40	0.30	13.9	12.4	11.1	10.1	9.3	8.6	8.0	7.4	7.0	6.6	6.2	5.9	5.6	5.3	5.1
1/8KSS2 1/4KSS2	10	0.20	9.3	8.3	7.4	6.8	6.2	5.7	5.3	5.0	4.6	4.4	4.1	3.9	3.7	3.5	3.4
	20	0.28	13.0	11.6	10.4	9.5	8.7	8.0	7.4	6.9	6.5	6.1	5.8	5.5	5.2	5.0	4.7
	30	0.35	16.2	14.4	13.0	11.8	10.8	10.0	9.3	8.7	8.1	7.6	7.2	6.8	6.5	6.2	5.9
50 MESH	40	0.40	18.6	16.5	14.9	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.3	7.8	7.4	7.1	6.8
1/8KSS2.5 1/4KSS2.5	10	0.25	11.6	10.3	9.3	8.4	7.7	7.1	6.6	6.2	5.8	5.5	5.2	4.9	4.6	4.4	4.2
	20	0.35	16.2	14.4	13.0	11.8	10.8	10.0	9.3	8.7	8.1	7.6	7.2	6.8	6.5	6.2	5.9
	30	0.43	20.0	17.7	16.0	14.5	13.3	12.3	11.4	10.6	10.0	9.4	8.9	8.4	8.0	7.6	7.3
50 MESH	40	0.50	23.2	20.6	18.6	16.9	15.5	14.3	13.3	12.4	11.6	10.9	10.3	9.8	9.3	8.8	8.4
1/8KSS3 1/4KSS3	10	0.30	13.9	12.4	11.1	10.1	9.3	8.6	8.0	7.4	7.0	6.6	6.2	5.9	5.6	5.3	5.1
	20	0.42	19.5	17.3	15.6	14.2	13.0	12.0	11.1	10.4	9.7	9.2	8.7	8.2	7.8	7.4	7.1
	30	0.52	24.1	21.5	19.3	17.6	16.1	14.9	13.8	12.9	12.1	11.4	10.7	10.2	9.7	9.2	8.8
50 MESH	40	0.60	27.8	24.8	22.3	20.3	18.6	17.1	15.9	14.9	13.9	13.1	12.4	11.7	11.1	10.6	10.1
1/8KSS4 1/4KSS4	10	0.40	18.6	16.5	14.9	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.3	7.8	7.4	7.1	6.8
	20	0.57	26.5	23.5	21.2	19.2	17.6	16.3	15.1	14.1	13.2	12.4	11.8	11.1	10.6	10.1	9.6
	30	0.69	32.0	28.5	25.6	23.3	21.3	19.7	18.3	17.1	16.0	15.1	14.2	13.5	12.8	12.2	11.6
40	0.80	37.1	33.0	29.7	27.0	24.8	22.8	21.2	19.8	18.6	17.5	16.5	15.6	14.9	14.1	13.5	
1/8KSS5 1/4KSS5	10	0.50	23.2	20.6	18.6	16.9	15.5	14.3	13.3	12.4	11.6	10.9	10.3	9.8	9.3	8.8	8.4
	20	0.71	32.9	29.3	26.4	24.0	22.0	20.3	18.8	17.6	16.5	15.5	14.6	13.9	13.2	12.6	12.0
	30	0.87	40.4	35.9	32.3	29.4	26.9	24.8	23.1	21.5	20.2	19.0	17.9	17.0	16.1	15.4	14.7
40	1.00	46.4	41.3	37.1	33.8	30.9	28.6	26.5	24.8	23.2	21.8	20.6	19.5	18.6	17.7	16.9	
1/8KSS7.5 1/4KSS7.5	10	0.75	34.8	30.9	27.8	25.3	23.2	21.4	19.9	18.6	17.4	16.4	15.5	14.7	13.9	13.3	12.7
	20	1.10	51.0	45.4	40.8	37.1	34.0	31.4	29.2	27.2	25.5	24.0	22.7	21.5	20.4	19.4	18.6
	30	1.30	60.3	53.6	48.3	43.9	40.2	37.1	34.5	32.2	30.2	28.4	26.8	25.4	24.1	23.0	21.9
40	1.50	69.6	61.9	55.7	50.6	46.4	42.8	39.8	37.1	34.8	32.8	30.9	29.3	27.8	26.5	25.3	

SMALL K FLOODJET 32" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0		
1/8KSS10 1/4KSS10	10	1.00	46.4	41.3	37.1	33.8	30.9	28.6	26.5	24.8	23.2	21.8	20.6	19.5	18.6	17.7	16.9
	20	1.40	65.0	57.8	52.0	47.3	43.3	40.0	37.1	34.7	32.5	30.6	28.9	27.4	26.0	24.8	23.6
	30	1.70	78.9	70.1	63.1	57.4	52.6	48.5	45.1	42.1	39.4	37.1	35.1	33.2	31.6	30.1	28.7
	40	2.00	92.8	82.5	74.3	67.5	61.9	57.1	53.0	49.5	46.4	43.7	41.3	39.1	37.1	35.4	33.8
1/8KSS12 1/4KSS12	10	1.20	55.7	49.5	44.6	40.5	37.1	34.3	31.8	29.7	27.8	26.2	24.8	23.4	22.3	21.2	20.3
	20	1.70	78.9	70.1	63.1	57.4	52.6	48.5	45.1	42.1	39.4	37.1	35.1	33.2	31.6	30.1	28.7
	30	2.08	96.5	85.8	77.2	70.2	64.4	59.4	55.2	51.5	48.3	45.4	42.9	40.6	38.6	36.8	35.1
	40	2.40	111.4	99.0	89.1	81.0	74.3	68.5	63.6	59.4	55.7	52.4	49.5	46.9	44.6	42.4	40.5
1/8KSS15 1/4KSS15	10	1.50	69.6	61.9	55.7	50.6	46.4	42.8	39.8	37.1	34.8	32.8	30.9	29.3	27.8	26.5	25.3
	20	2.12	98.4	87.5	78.7	71.6	65.6	60.5	56.2	52.5	49.2	46.3	43.7	41.4	39.4	37.5	35.8
	30	2.60	120.7	107.3	96.5	87.8	80.4	74.3	68.9	64.4	60.3	56.8	53.6	50.8	48.3	46.0	43.9
	40	3.00	139.2	123.8	111.4	101.3	92.8	85.7	79.6	74.3	69.6	65.5	61.9	58.6	55.7	53.0	50.6
1/8KSS18 1/4KSS18	10	1.80	83.5	74.3	66.8	60.8	55.7	51.4	47.7	44.6	41.8	39.3	37.1	35.2	33.4	31.8	30.4
	20	2.55	118.3	105.2	94.7	86.1	78.9	72.8	67.6	63.1	59.2	55.7	52.6	49.8	47.3	45.1	43.0
	30	3.12	144.8	128.7	115.8	105.3	96.5	89.1	82.7	77.2	72.4	68.1	64.4	61.0	57.9	55.2	52.7
	40	3.60	167.1	148.5	133.7	121.5	111.4	102.8	95.5	89.1	83.5	78.6	74.3	70.3	66.8	63.6	60.8
1/8KSS20 1/4KSS20	10	2.00	92.8	82.5	74.3	67.5	61.9	57.1	53.0	49.5	46.4	43.7	41.3	39.1	37.1	35.4	33.8
	20	2.83	131.3	116.7	105.1	95.5	87.6	80.8	75.0	70.0	65.7	61.8	58.4	55.3	52.5	50.0	47.8
	30	3.46	160.6	142.7	128.5	116.8	107.0	98.8	91.8	85.6	80.3	75.6	71.4	67.6	64.2	61.2	58.4
	40	4.00	185.6	165.0	148.5	135.0	123.8	114.2	106.1	99.0	92.8	87.4	82.5	78.2	74.3	70.7	67.5
1/4KSS22	10	2.22	103.0	91.6	82.4	74.9	68.7	63.4	58.9	54.9	51.5	48.5	45.8	43.4	41.2	39.2	37.5
	20	3.11	144.3	128.3	115.5	105.0	96.2	88.8	82.5	77.0	72.2	67.9	64.1	60.8	57.7	55.0	52.5
	30	3.81	176.8	157.2	141.4	128.6	117.9	108.8	101.0	94.3	88.4	83.2	78.6	74.4	70.7	67.4	64.3
	40	4.40	204.2	181.5	163.4	148.5	136.1	125.7	116.7	108.9	102.1	96.1	90.8	86.0	81.7	77.8	74.3
1/4KSS24	10	2.40	111.4	99.0	89.1	81.0	74.3	68.5	63.6	59.4	55.7	52.4	49.5	46.9	44.6	42.4	40.5
	20	3.39	157.3	139.8	125.9	114.4	104.9	96.8	89.9	83.9	78.7	74.0	69.9	66.2	62.9	59.9	57.2
	30	4.16	193.1	171.6	154.4	140.4	128.7	118.8	110.3	103.0	96.5	90.8	85.8	81.3	77.2	73.5	70.2
	40	4.80	222.8	198.0	178.2	162.0	148.5	137.1	127.3	118.8	111.4	104.8	99.0	93.8	89.1	84.9	81.0
1/4KSS27	10	2.70	125.3	111.4	100.2	91.1	83.5	77.1	71.6	66.8	62.6	59.0	55.7	52.8	50.1	47.7	45.6
	20	3.82	177.3	157.6	141.8	128.9	118.2	109.1	101.3	94.5	88.6	83.4	78.8	74.6	70.9	67.5	64.5
	30	4.68	217.2	193.1	173.7	158.0	144.8	133.7	124.1	115.8	108.6	102.2	96.5	91.4	86.9	82.7	79.0
	40	5.40	250.6	222.8	200.5	182.3	167.1	154.2	143.2	133.7	125.3	117.9	111.4	105.5	100.2	95.5	91.1

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11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
16.1	15.5	14.9	14.3	13.8	13.3	12.8	12.4	12.0	11.6	11.3	10.9	10.6	10.3	10.0	9.8	9.5	9.3	1.00	10	1/8KSS10 1/4KSS10
22.6	21.7	20.8	20.0	19.3	18.6	17.9	17.3	16.8	16.2	15.8	15.3	14.9	14.4	14.0	13.7	13.3	13.0	1.40	20	
27.4	26.3	25.2	24.3	23.4	22.5	21.8	21.0	20.4	19.7	19.1	18.6	18.0	17.5	17.1	16.6	16.2	15.8	1.70	30	
32.3	30.9	29.7	28.6	27.5	26.5	25.6	24.8	24.0	23.2	22.5	21.8	21.2	20.6	20.1	19.5	19.0	18.6	2.00	40	
19.4	18.6	17.8	17.1	16.5	15.9	15.4	14.9	14.4	13.9	13.5	13.1	12.7	12.4	12.0	11.7	11.4	11.1	1.20	10	1/8KSS12 1/4KSS12
27.4	26.3	25.2	24.3	23.4	22.5	21.8	21.0	20.4	19.7	19.1	18.6	18.0	17.5	17.1	16.6	16.2	15.8	1.70	20	
33.6	32.2	30.9	29.7	28.6	27.6	26.6	25.7	24.9	24.1	23.4	22.7	22.1	21.5	20.9	20.3	19.8	19.3	2.08	30	
38.7	37.1	35.6	34.3	33.0	31.8	30.7	29.7	28.7	27.8	27.0	26.2	25.5	24.8	24.1	23.4	22.8	22.3	2.40	40	
24.2	23.2	22.3	21.4	20.6	19.9	19.2	18.6	18.0	17.4	16.9	16.4	15.9	15.5	15.1	14.7	14.3	13.9	1.50	10	1/8KSS15 1/4KSS15
34.2	32.8	31.5	30.3	29.2	28.1	27.1	26.2	25.4	24.6	23.9	23.1	22.5	21.9	21.3	20.7	20.2	19.7	2.12	20	
42.0	40.2	38.6	37.1	35.8	34.5	33.3	32.2	31.1	30.2	29.3	28.4	27.6	26.8	26.1	25.4	24.8	24.1	2.60	30	
48.4	46.4	44.6	42.8	41.3	39.8	38.4	37.1	35.9	34.8	33.8	32.8	31.8	30.9	30.1	29.3	28.6	27.8	3.00	40	
29.1	27.8	26.7	25.7	24.8	23.9	23.0	22.3	21.6	20.9	20.3	19.7	19.1	18.6	18.1	17.6	17.1	16.7	1.80	10	1/8KSS18 1/4KSS18
41.2	39.4	37.9	36.4	35.1	33.8	32.6	31.6	30.5	29.6	28.7	27.8	27.0	26.3	25.6	24.9	24.3	23.7	2.55	20	
50.4	48.3	46.3	44.6	42.9	41.4	39.9	38.6	37.4	36.2	35.1	34.1	33.1	32.2	31.3	30.5	29.7	29.0	3.12	30	
58.1	55.7	53.5	51.4	49.5	47.7	46.1	44.6	43.1	41.8	40.5	39.3	38.2	37.1	36.1	35.2	34.3	33.4	3.60	40	
32.3	30.9	29.7	28.6	27.5	26.5	25.6	24.8	24.0	23.2	22.5	21.8	21.2	20.6	20.1	19.5	19.0	18.6	2.00	10	1/8KSS20 1/4KSS20
45.7	43.8	42.0	40.4	38.9	37.5	36.2	35.0	33.9	32.8	31.8	30.9	30.0	29.2	28.4	27.6	26.9	26.3	2.83	20	
55.8	53.5	51.4	49.4	47.6	45.9	44.3	42.8	41.4	40.1	38.9	37.8	36.7	35.7	34.7	33.8	32.9	32.1	3.46	30	
64.6	61.9	59.4	57.1	55.0	53.0	51.2	49.5	47.9	46.4	45.0	43.7	42.4	41.3	40.1	39.1	38.1	37.1	4.00	40	
35.8	34.3	33.0	31.7	30.5	29.4	28.4	27.5	26.6	25.8	25.0	24.2	23.5	22.9	22.3	21.7	21.1	20.6	2.22	10	1/4KSS22
50.2	48.1	46.2	44.4	42.8	41.2	39.8	38.5	37.2	36.1	35.0	34.0	33.0	32.1	31.2	30.4	29.6	28.9	3.11	20	
61.5	58.9	56.6	54.4	52.4	50.5	48.8	47.1	45.6	44.2	42.9	41.6	40.4	39.3	38.2	37.2	36.3	35.4	3.81	30	
71.0	68.1	65.3	62.8	60.5	58.3	56.3	54.5	52.7	51.0	49.5	48.0	46.7	45.4	44.1	43.0	41.9	40.8	4.40	40	
38.7	37.1	35.6	34.3	33.0	31.8	30.7	29.7	28.7	27.8	27.0	26.2	25.5	24.8	24.1	23.4	22.8	22.3	2.40	10	1/4KSS24
54.7	52.4	50.3	48.4	46.6	44.9	43.4	42.0	40.6	39.3	38.1	37.0	36.0	35.0	34.0	33.1	32.3	31.5	3.39	20	
67.1	64.4	61.8	59.4	57.2	55.2	53.3	51.5	49.8	48.3	46.8	45.4	44.1	42.9	41.7	40.6	39.6	38.6	4.16	30	
77.5	74.3	71.3	68.5	66.0	63.6	61.4	59.4	57.5	55.7	54.0	52.4	50.9	49.5	48.2	46.9	45.7	44.6	4.80	40	
43.6	41.8	40.1	38.6	37.1	35.8	34.6	33.4	32.3	31.3	30.4	29.5	28.6	27.8	27.1	26.4	25.7	25.1	2.70	10	1/4KSS27
61.7	59.1	56.7	54.5	52.5	50.6	48.9	47.3	45.7	44.3	43.0	41.7	40.5	39.4	38.3	37.3	36.4	35.5	3.82	20	
75.5	72.4	69.5	66.8	64.4	62.1	59.9	57.9	56.0	54.3	52.7	51.1	49.6	48.3	47.0	45.7	44.6	43.4	4.68	30	
87.2	83.5	80.2	77.1	74.3	71.6	69.1	66.8	64.7	62.6	60.8	59.0	57.3	55.7	54.2	52.8	51.4	50.1	5.40	40	