



## 1 to 60 Bar - 0.2 to 158.8 Lpm

Nozzle Size	Flow rate (LPM) at Pressure (Bar)																	
	Bar	1	2	3	4	5	6	7	8	9	10	15	20	25	30	40	50	60
01		0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.8
015		0.3	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.3	1.5	1.7	1.9	2.2	2.4	2.6
02		0.5	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.8	2.1	2.3	2.5	2.9	3.3	3.6
023		0.5	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.9	2.2	2.5	2.7	3.2	3.5	3.9
025		0.6	0.8	1.0	1.1	1.3	1.4	1.5	1.6	1.7	1.8	2.2	2.5	2.8	3.1	3.5	4.0	4.3
027		0.6	0.9	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.4	2.7	3.1	3.3	3.9	4.3	4.7
03		0.7	1.0	1.2	1.4	1.5	1.7	1.8	1.9	2.0	2.2	2.6	3.0	3.4	3.7	4.3	4.8	5.3
032		0.7	1.0	1.2	1.4	1.6	1.7	1.9	2.0	2.1	2.2	2.7	3.2	3.6	3.9	4.5	5.0	5.5
035		0.8	1.1	1.4	1.6	1.8	2.0	2.1	2.3	2.4	2.5	3.1	3.6	4.0	4.4	5.1	5.7	6.2
037		0.8	1.2	1.5	1.7	1.9	2.1	2.2	2.4	2.5	2.7	3.3	3.8	4.2	4.6	5.3	5.9	6.5
04		0.9	1.3	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.9	3.5	4.1	4.6	5.0	5.8	6.4	7.0
043		1.0	1.4	1.7	1.9	2.2	2.4	2.6	2.7	2.9	3.1	3.8	4.3	4.9	5.3	6.1	6.9	7.5
045		1.0	1.5	1.8	2.1	2.3	2.5	2.7	2.9	3.1	3.3	4.0	4.6	5.2	5.6	6.5	7.3	8.0
05		1.1	1.6	2.0	2.3	2.5	2.8	3.0	3.2	3.4	3.6	4.4	5.1	5.7	6.2	7.2	8.1	8.8
053		1.2	1.7	2.1	2.4	2.7	2.9	3.2	3.4	3.6	3.8	4.6	5.4	6.0	6.6	7.6	8.5	9.3
055		1.3	1.8	2.2	2.5	2.8	3.1	3.3	3.5	3.8	4.0	4.8	5.6	6.3	6.8	7.9	8.8	9.7
06		1.4	1.9	2.4	2.7	3.1	3.4	3.6	3.9	4.1	4.3	5.3	6.1	6.9	7.5	8.7	9.7	10.6
065		1.5	2.1	2.6	3.0	3.3	3.6	3.9	4.2	4.4	4.7	5.7	6.6	7.4	8.1	9.4	10.5	11.5
07		1.6	2.3	2.8	3.2	3.6	3.9	4.2	4.5	4.8	5.1	6.2	7.2	8.0	8.8	10.1	11.3	12.4
075		1.7	2.4	3.0	3.4	3.8	4.2	4.5	4.8	5.1	5.4	6.6	7.6	8.6	9.4	10.8	12.1	13.2
08		1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.1	5.5	5.8	7.0	8.1	9.1	10.0	11.5	12.9	14.1
085		1.9	2.7	3.4	3.9	4.3	4.8	5.1	5.5	5.8	6.1	7.5	8.7	9.7	10.6	12.3	13.7	15.0
09		2.1	3.0	3.6	4.2	4.7	5.1	5.6	5.9	6.3	6.6	8.1	9.4	10.5	11.5	13.3	14.8	16.3
095		2.2	3.1	3.8	4.4	4.9	5.4	5.8	6.2	6.6	7.0	8.5	9.8	11.0	12.0	13.9	15.6	17.0
10		2.3	3.3	4.0	4.6	5.1	5.6	6.1	6.5	6.9	7.3	8.9	10.3	11.5	12.6	14.5	16.3	17.8
11		2.5	3.5	4.3	5.0	5.6	6.1	6.6	7.1	7.5	7.9	9.7	11.2	12.5	13.7	15.8	17.7	19.4
115		2.6	3.7	4.5	5.2	5.8	6.4	6.9	7.4	7.8	8.2	10.1	11.6	13.0	14.2	16.4	18.4	20.1
12		2.7	3.8	4.7	5.4	6.0	6.6	7.1	7.6	8.1	8.5	10.5	12.1	13.5	14.8	17.1	19.1	20.9
125		2.8	4.0	4.8	5.6	6.3	6.9	7.4	7.9	8.4	8.9	10.8	12.5	14.0	15.3	17.7	19.8	21.7
13		3.0	4.2	5.2	6.0	6.7	7.3	7.9	8.5	9.0	9.5	11.6	13.4	15.0	16.4	19.0	21.2	23.2
14		3.2	4.5	5.5	6.4	7.2	7.8	8.5	9.1	9.6	10.1	12.4	14.3	16.0	17.5	20.2	22.6	24.8
15		3.4	4.8	5.9	6.8	7.6	8.3	9.0	9.6	10.2	10.8	13.2	15.2	17.0	18.6	21.5	24.0	26.3
16		3.6	5.1	6.2	7.2	8.0	8.8	9.5	10.2	10.8	11.4	13.9	16.1	18.0	19.7	22.8	25.5	27.9
18		4.1	5.8	7.1	8.2	9.2	10.0	10.8	11.6	12.3	13.0	15.9	18.3	20.5	22.5	25.9	29.0	31.8
19		4.3	6.1	7.4	8.6	9.6	10.5	11.4	12.2	12.9	13.6	16.7	19.2	21.5	23.6	27.2	30.4	33.3
20		4.6	6.5	8.0	9.2	10.3	11.3	12.2	13.0	13.8	14.5	17.8	20.6	23.0	25.2	29.1	32.5	35.6
25		5.7	8.1	9.9	11.4	12.7	14.0	15.1	16.1	17.1	18.0	22.1	25.5	28.5	31.2	36.0	40.3	44.2
30		6.8	9.6	11.8	13.6	15.2	16.7	18.0	19.2	20.4	21.5	26.3	30.4	34.0	37.2	43.0	48.1	52.7
35		8.0	11.3	13.9	16.0	17.9	19.6	21.2	22.6	24.0	25.3	31.0	35.8	40.0	43.8	50.6	56.6	62.0
40		9.1	12.9	15.8	18.2	20.3	22.3	24.1	25.7	27.3	28.8	35.2	40.7	45.5	49.8	57.6	64.3	70.5
50		11.4	16.1	19.7	22.8	25.5	27.9	30.2	32.2	34.2	36.0	44.2	51.0	57.0	62.4	72.1	80.6	88.3
60		13.7	19.4	23.7	27.4	30.6	33.6	36.2	38.7	41.1	43.3	53.1	61.3	68.5	75.0	86.6	96.9	106.1
70		16.0	22.6	27.7	32.0	35.8	39.2	42.3	45.3	48.0	50.6	62.0	71.6	80.0	87.6	101.2	113.1	123.9
80		18.2	25.7	31.5	36.4	40.7	44.6	48.2	51.5	54.6	57.6	70.5	81.4	91.0	99.7	115.1	128.7	141.0
90		20.5	29.0	35.5	41.0	45.8	50.2	54.2	58.0	61.5	64.8	79.4	91.7	102.5	112.3	129.7	145.0	158.8

# Nozzle Chart

## 70 to 230 Bar - 1.9 to 310.9 Lpm

Nozzle Size	Flow rate (LPM) at Pressure (Bar)																	
	bar	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230
01		1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.5
015		2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.4	4.6	4.7	4.8	4.9	5.0	5.2
02		3.8	4.1	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.8	7.0
023		4.2	4.5	4.7	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4	7.6
025		4.7	5.0	5.3	5.6	5.9	6.1	6.4	6.6	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5
027		5.1	5.5	5.8	6.1	6.4	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.4	8.6	8.8	9.0	9.3
03		5.7	6.1	6.5	6.8	7.1	7.4	7.8	8.0	8.3	8.6	8.9	9.1	9.4	9.6	9.9	10.1	10.3
032		5.9	6.4	6.7	7.1	7.4	7.8	8.1	8.4	8.7	9.0	9.3	9.5	9.8	10.0	10.3	10.5	10.8
035		6.7	7.2	7.6	8.0	8.4	8.8	9.1	9.5	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.1
037		7.0	7.5	8.0	8.4	8.8	9.2	9.6	9.9	10.3	10.6	11.0	11.3	11.6	11.9	12.2	12.5	12.7
04		7.6	8.1	8.6	9.1	9.5	10.0	10.4	10.8	11.1	11.5	11.9	12.2	12.5	12.9	13.2	13.5	13.8
043		8.1	8.7	9.2	9.7	10.2	10.6	11.1	11.5	11.9	12.3	12.6	13.0	13.4	13.7	14.1	14.4	14.7
045		8.6	9.2	9.8	10.3	10.8	11.3	11.7	12.2	12.6	13.0	13.4	13.8	14.2	14.6	14.9	15.3	15.6
05		9.5	10.2	10.8	11.4	12.0	12.5	13.0	13.5	14.0	14.4	14.9	15.3	15.7	16.1	16.5	16.9	17.3
053		10.0	10.7	11.4	12.0	12.6	13.1	13.7	14.2	14.7	15.2	15.6	16.1	16.5	17.0	17.4	17.8	18.2
055		10.5	11.2	11.9	12.5	13.1	13.7	14.3	14.8	15.3	15.8	16.3	16.8	17.2	17.7	18.1	18.5	19.0
06		11.5	12.3	13.0	13.7	14.4	15.0	15.6	16.2	16.8	17.3	17.9	18.4	18.9	19.4	19.9	20.3	20.8
065		12.4	13.2	14.0	14.8	15.5	16.2	16.9	17.5	18.1	18.7	19.3	19.9	20.4	20.9	21.4	22.0	22.4
07		13.4	14.3	15.2	16.0	16.8	17.5	18.2	18.9	19.6	20.2	20.9	21.5	22.1	22.6	23.2	23.7	24.3
075		14.3	15.3	16.2	17.1	17.9	18.7	19.5	20.2	20.9	21.6	22.3	22.9	23.6	24.2	24.8	25.4	25.9
08		15.2	16.3	17.3	18.2	19.1	19.9	20.8	21.5	22.3	23.0	23.7	24.4	25.1	25.7	26.4	27.0	27.6
085		16.2	17.4	18.4	19.4	20.3	21.3	22.1	23.0	23.8	24.5	25.3	26.0	26.7	27.4	28.1	28.8	29.4
09		17.6	18.8	19.9	21.0	22.0	23.0	23.9	24.8	25.7	26.6	27.4	28.2	28.9	29.7	30.4	31.1	31.8
095		18.4	19.7	20.9	22.0	23.1	24.1	25.1	26.0	26.9	27.8	28.7	29.5	30.3	31.1	31.9	32.6	33.4
10		19.2	20.6	21.8	23.0	24.1	25.2	26.2	27.2	28.2	29.1	30.0	30.9	31.7	32.5	33.3	34.1	34.9
11		20.9	22.4	23.7	25.0	26.2	27.4	28.5	29.6	30.6	31.6	32.6	33.5	34.5	35.4	36.2	37.1	37.9
115		21.8	23.3	24.7	26.0	27.3	28.5	29.6	30.8	31.8	32.9	33.9	34.9	35.8	36.8	37.7	38.6	39.4
12		22.6	24.1	25.6	27.0	28.3	29.6	30.8	31.9	33.1	34.2	35.2	36.2	37.2	38.2	39.1	40.0	40.9
125		23.4	25.0	26.6	28.0	29.4	30.7	31.9	33.1	34.3	35.4	36.5	37.6	38.6	39.6	40.6	41.5	42.5
13		25.1	26.8	28.5	30.0	31.5	32.9	34.2	35.5	36.7	37.9	39.1	40.2	41.4	42.4	43.5	44.5	45.5
14		26.8	28.6	30.4	32.0	33.6	35.1	36.5	37.9	39.2	40.5	41.7	42.9	44.1	45.3	46.4	47.5	48.5
15		28.4	30.4	32.3	34.0	35.7	37.2	38.8	40.2	41.6	43.0	44.3	45.6	46.9	48.1	49.3	50.4	51.6
16		30.1	32.2	34.2	36.0	37.8	39.4	41.0	42.6	44.1	45.5	46.9	48.3	49.6	50.9	52.2	53.4	54.6
18		34.3	36.7	38.9	41.0	43.0	44.9	46.7	48.5	50.2	51.9	53.5	55.0	56.5	58.0	59.4	60.8	62.2
19		36.0	38.5	40.8	43.0	45.1	47.1	49.0	50.9	52.7	54.4	56.1	57.7	59.3	60.8	62.3	63.8	65.2
20		38.5	41.1	43.6	46.0	48.2	50.4	52.4	54.4	56.3	58.2	60.0	61.7	63.4	65.1	66.7	68.2	69.8
25		47.7	51.0	54.1	57.0	59.8	62.4	65.0	67.4	69.8	72.1	74.3	76.5	78.6	80.6	82.6	84.5	86.4
30		56.9	60.8	64.5	68.0	71.3	74.5	77.5	80.5	83.3	86.0	88.7	91.2	93.7	96.2	98.5	100.9	103.1
35		66.9	71.6	75.9	80.0	83.9	87.6	91.2	94.7	98.0	101.2	104.3	107.3	110.3	113.1	115.9	118.7	121.3
40		76.1	81.4	86.3	91.0	95.4	99.7	103.8	107.7	111.5	115.1	118.6	122.1	125.4	128.7	131.9	135.0	138.0
50		95.4	102.0	108.1	114.0	119.6	124.9	130.0	134.9	139.6	144.2	148.6	152.9	157.1	161.2	165.2	169.1	172.9
60		114.6	122.5	130.0	137.0	143.7	150.1	156.2	162.1	167.8	173.3	178.6	183.8	188.8	193.7	198.5	203.2	207.8
70		133.9	143.1	151.8	160.0	167.8	175.3	182.4	189.3	196.0	202.4	208.6	214.7	220.5	226.3	231.9	237.3	242.7
80		152.3	162.8	172.7	182.0	190.9	199.4	207.5	215.3	222.9	230.2	237.3	244.2	250.9	257.4	263.7	269.9	276.0
90		171.5	183.4	194.5	205.0	215.0	224.6	233.7	242.6	251.1	259.3	267.3	275.0	282.6	289.9	297.1	304.1	310.9



## 240 to 410 Bar - 3.6 to 415.1 Lpm

Nozzle Size	Flow rate (LPM) at Pressure (Bar)																		
	bar	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410
01		3.6	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.6	4.7
015		5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.9
02		7.1	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.4	8.5	8.6	8.7	8.8	9.0	9.1	9.2	9.3
023		7.7	7.9	8.1	8.2	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.4	9.5	9.6	9.7	9.9	10.0	10.1
025		8.7	8.9	9.0	9.2	9.4	9.5	9.7	9.9	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.3
027		9.5	9.6	9.8	10.0	10.2	10.4	10.6	10.7	10.9	11.1	11.2	11.4	11.6	11.7	11.9	12.0	12.2	12.4
03		10.5	10.8	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.5	12.7	12.9	13.1	13.3	13.4	13.6	13.8
032		11.0	11.2	11.4	11.7	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.8	14.0	14.2	14.4
035		12.4	12.6	12.9	13.1	13.4	13.6	13.9	14.1	14.3	14.5	14.8	15.0	15.2	15.4	15.6	15.8	16.0	16.2
037		13.0	13.3	13.5	13.8	14.1	14.3	14.5	14.8	15.0	15.3	15.5	15.7	15.9	16.2	16.4	16.6	16.8	17.0
04		14.1	14.4	14.7	15.0	15.2	15.5	15.8	16.0	16.3	16.5	16.8	17.0	17.3	17.5	17.7	18.0	18.2	18.4
043		15.0	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.6	17.9	18.1	18.4	18.7	18.9	19.2	19.4	19.6
045		16.0	16.3	16.6	16.9	17.2	17.5	17.8	18.1	18.4	18.7	19.0	19.3	19.5	19.8	20.1	20.3	20.6	20.9
05		17.7	18.0	18.4	18.7	19.1	19.4	19.7	20.1	20.4	20.7	21.0	21.3	21.6	21.9	22.2	22.5	22.8	23.1
053		18.6	19.0	19.3	19.7	20.1	20.4	20.8	21.1	21.5	21.8	22.1	22.4	22.8	23.1	23.4	23.7	24.0	24.3
055		19.4	19.8	20.2	20.5	20.9	21.3	21.7	22.0	22.4	22.7	23.0	23.4	23.7	24.0	24.4	24.7	25.0	25.3
06		21.2	21.7	22.1	22.5	22.9	23.3	23.7	24.1	24.5	24.9	25.3	25.6	26.0	26.4	26.7	27.1	27.4	27.7
065		22.9	23.4	23.9	24.3	24.8	25.2	25.6	26.1	26.5	26.9	27.3	27.7	28.1	28.5	28.9	29.2	29.6	30.0
07		24.8	25.3	25.8	26.3	26.8	27.2	27.7	28.2	28.6	29.1	29.5	29.9	30.4	30.8	31.2	31.6	32.0	32.4
075		26.5	27.0	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.5	32.0	32.4	32.9	33.3	33.8	34.2	34.6
08		28.2	28.8	29.3	29.9	30.5	31.0	31.5	32.0	32.6	33.1	33.6	34.0	34.5	35.0	35.5	35.9	36.4	36.9
085		30.1	30.7	31.3	31.9	32.5	33.0	33.6	34.2	34.7	35.2	35.8	36.3	36.8	37.3	37.8	38.3	38.8	39.3
09		32.5	33.2	33.9	34.5	35.1	35.8	36.4	37.0	37.6	38.1	38.7	39.3	39.8	40.4	40.9	41.5	42.0	42.5
095		34.1	34.8	35.5	36.1	36.8	37.5	38.1	38.7	39.4	40.0	40.6	41.2	41.7	42.3	42.9	43.4	44.0	44.5
10		35.6	36.4	37.1	37.8	38.5	39.2	39.8	40.5	41.1	41.8	42.4	43.0	43.6	44.2	44.8	45.4	46.0	46.6
11		38.7	39.5	40.3	41.1	41.8	42.6	43.3	44.0	44.7	45.4	46.1	46.8	47.4	48.1	48.7	49.4	50.0	50.6
115		40.3	41.1	41.9	42.7	43.5	44.3	45.0	45.8	46.5	47.2	47.9	48.6	49.3	50.0	50.7	51.3	52.0	52.6
12		41.8	42.7	43.5	44.4	45.2	46.0	46.8	47.5	48.3	49.0	49.8	50.5	51.2	51.9	52.6	53.3	54.0	54.7
125		43.4	44.3	45.1	46.0	46.9	47.7	48.5	49.3	50.1	50.9	51.6	52.4	53.1	53.9	54.6	55.3	56.0	56.7
13		46.5	47.4	48.4	49.3	50.2	51.1	52.0	52.8	53.7	54.5	55.3	56.1	56.9	57.7	58.5	59.2	60.0	60.7
14		49.6	50.6	51.6	52.6	53.5	54.5	55.4	56.3	57.2	58.1	59.0	59.9	60.7	61.6	62.4	63.2	64.0	64.8
15		52.7	53.8	54.8	55.9	56.9	57.9	58.9	59.9	60.8	61.8	62.7	63.6	64.5	65.4	66.3	67.1	68.0	68.8
16		55.8	56.9	58.0	59.2	60.2	61.3	62.4	63.4	64.4	65.4	66.4	67.3	68.3	69.2	70.2	71.1	72.0	72.9
18		63.5	64.8	66.1	67.4	68.6	69.8	71.0	72.2	73.3	74.5	75.6	76.7	77.8	78.9	79.9	81.0	82.0	83.0
19		66.6	68.0	69.3	70.7	72.0	73.2	74.5	75.7	76.9	78.1	79.3	80.4	81.6	82.7	83.8	84.9	86.0	87.1
20		71.3	72.7	74.2	75.6	77.0	78.3	79.7	81.0	82.3	83.6	84.8	86.1	87.3	88.5	89.7	90.8	92.0	93.1
25		88.3	90.1	91.9	93.7	95.4	97.1	98.7	100.4	102.0	103.5	105.1	106.6	108.1	109.6	111.1	112.6	114.0	115.4
30		105.3	107.5	109.6	111.7	113.8	115.8	117.8	119.7	121.6	123.5	125.4	127.2	129.0	130.8	132.6	134.3	136.0	137.7
35		123.9	126.5	129.0	131.5	133.9	136.2	138.6	140.9	143.1	145.3	147.5	149.7	151.8	153.9	155.9	158.0	160.0	162.0
40		141.0	143.9	146.7	149.5	152.3	155.0	157.6	160.2	162.8	165.3	167.8	170.2	172.7	175.0	177.4	179.7	182.0	184.3
50		176.6	180.2	183.8	187.3	190.8	194.1	197.5	200.7	203.9	207.1	210.2	213.3	216.3	219.3	222.2	225.1	228.0	230.8
60		212.2	216.6	220.9	225.1	229.2	233.3	237.3	241.2	245.1	248.9	252.6	256.3	259.9	263.5	267.1	270.6	274.0	277.4
70		247.9	253.0	258.0	262.9	267.7	272.5	277.1	281.7	286.2	290.7	295.0	299.3	303.6	307.8	311.9	316.0	320.0	324.0
80		282.0	287.8	293.5	299.1	304.5	309.9	315.2	320.4	325.6	330.6	335.6	340.5	345.3	350.1	354.8	359.4	364.0	368.5
90		317.6	324.1	330.6	336.8	343.0	349.1	355.1	360.9	366.7	372.4	378.0	383.5	389.0	394.3	399.6	404.8	410.0	415.1

# Nozzle Chart

## 420 to 600 Bar - 4.7 to 502.1 Lpm

Nozzle Size	Flow rate (LPM) at Pressure (Bar)																			
	bar	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600
01		4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6
015		7.0	7.1	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0	8.0	8.1	8.2	8.3	8.3
02		9.4	9.5	9.6	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3
023		10.2	10.4	10.5	10.6	10.7	10.8	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2
025		11.5	11.6	11.7	11.9	12.0	12.1	12.3	12.4	12.5	12.6	12.8	12.9	13.0	13.1	13.3	13.4	13.5	13.6	13.7
027		12.5	12.6	12.8	12.9	13.1	13.2	13.4	13.5	13.6	13.8	13.9	14.0	14.2	14.3	14.4	14.6	14.7	14.8	14.9
03		13.9	14.1	14.3	14.4	14.6	14.7	14.9	15.1	15.2	15.4	15.5	15.7	15.8	15.9	16.1	16.2	16.4	16.5	16.7
032		14.6	14.7	14.9	15.1	15.2	15.4	15.6	15.7	15.9	16.0	16.2	16.3	16.5	16.7	16.8	17.0	17.1	17.2	17.4
035		16.4	16.6	16.8	17.0	17.2	17.3	17.5	17.7	17.9	18.1	18.2	18.4	18.6	18.8	18.9	19.1	19.3	19.4	19.6
037		17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.3	19.5	19.7	19.9	20.1	20.2	20.4	20.6
04		18.6	18.9	19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.6	20.8	20.9	21.1	21.3	21.5	21.7	21.9	22.1	22.3
043		19.9	20.1	20.3	20.6	20.8	21.0	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	23.0	23.2	23.4	23.6	23.8
045		21.1	21.4	21.6	21.8	22.1	22.3	22.6	22.8	23.0	23.3	23.5	23.7	23.9	24.2	24.4	24.6	24.8	25.0	25.2
05		23.4	23.6	23.9	24.2	24.5	24.7	25.0	25.2	25.5	25.7	26.0	26.2	26.5	26.7	27.0	27.2	27.5	27.7	27.9
053		24.6	24.9	25.2	25.5	25.7	26.0	26.3	26.6	26.8	27.1	27.4	27.6	27.9	28.1	28.4	28.6	28.9	29.1	29.4
055		25.6	25.9	26.2	26.5	26.8	27.1	27.4	27.7	28.0	28.2	28.5	28.8	29.0	29.3	29.6	29.8	30.1	30.4	30.6
06		28.1	28.4	28.7	29.1	29.4	29.7	30.0	30.3	30.6	30.9	31.2	31.5	31.8	32.1	32.4	32.7	33.0	33.3	33.6
065		30.3	30.7	31.0	31.4	31.7	32.1	32.4	32.8	33.1	33.4	33.7	34.1	34.4	34.7	35.0	35.3	35.6	35.9	36.3
07		32.8	33.2	33.6	33.9	34.3	34.7	35.1	35.4	35.8	36.1	36.5	36.8	37.2	37.5	37.9	38.2	38.5	38.9	39.2
075		35.0	35.5	35.9	36.3	36.7	37.1	37.5	37.9	38.2	38.6	39.0	39.4	39.7	40.1	40.5	40.8	41.2	41.5	41.9
08		37.3	37.7	38.2	38.6	39.0	39.5	39.9	40.3	40.7	41.1	41.5	41.9	42.3	42.7	43.1	43.5	43.8	44.2	44.6
085		39.8	40.2	40.7	41.2	41.6	42.1	42.5	42.9	43.4	43.8	44.2	44.7	45.1	45.5	45.9	46.3	46.7	47.1	47.5
09		43.0	43.5	44.0	44.5	45.0	45.5	46.0	46.5	47.0	47.4	47.9	48.3	48.8	49.2	49.7	50.1	50.6	51.0	51.4
095		45.1	45.6	46.1	46.7	47.2	47.7	48.2	48.7	49.2	49.7	50.2	50.6	51.1	51.6	52.1	52.5	53.0	53.4	53.9
10		47.1	47.7	48.2	48.8	49.3	49.9	50.4	50.9	51.4	51.9	52.4	52.9	53.4	53.9	54.4	54.9	55.4	55.9	56.3
11		51.2	51.8	52.4	53.0	53.6	54.2	54.8	55.3	55.9	56.5	57.0	57.6	58.1	58.6	59.2	59.7	60.2	60.7	61.2
115		53.3	53.9	54.5	55.2	55.8	56.4	57.0	57.6	58.1	58.7	59.3	59.9	60.4	61.0	61.5	62.1	62.6	63.2	63.7
12		55.3	56.0	56.6	57.3	57.9	58.5	59.2	59.8	60.4	61.0	61.6	62.2	62.7	63.3	63.9	64.5	65.0	65.6	66.1
125		57.4	58.1	58.7	59.4	60.1	60.7	61.3	62.0	62.6	63.2	63.8	64.5	65.1	65.7	66.3	66.8	67.4	68.0	68.6
13		61.5	62.2	62.9	63.6	64.3	65.0	65.7	66.4	67.1	67.7	68.4	69.1	69.7	70.4	71.0	71.6	72.2	72.9	73.5
14		65.6	66.4	67.1	67.9	68.6	69.4	70.1	70.8	71.6	72.3	73.0	73.7	74.4	75.0	75.7	76.4	77.1	77.7	78.4
15		69.7	70.5	71.3	72.1	72.9	73.7	74.5	75.3	76.0	76.8	77.5	78.3	79.0	79.7	80.5	81.2	81.9	82.6	83.3
16		73.8	74.7	75.5	76.4	77.2	78.0	78.9	79.7	80.5	81.3	82.1	82.9	83.7	84.4	85.2	85.9	86.7	87.4	88.2
18		84.0	85.0	86.0	87.0	87.9	88.9	89.8	90.8	91.7	92.6	93.5	94.4	95.3	96.2	97.0	97.9	98.7	99.6	100.4
19		88.1	89.2	90.2	91.2	92.2	93.2	94.2	95.2	96.2	97.1	98.1	99.0	99.9	100.8	101.8	102.7	103.6	104.4	105.3
20		94.3	95.4	96.5	97.6	98.7	99.7	100.8	101.8	102.9	103.9	104.9	105.9	106.9	107.9	108.9	109.8	110.8	111.7	112.7
25		116.8	118.2	119.6	120.9	122.3	123.6	124.9	126.2	127.5	128.7	130.0	131.2	132.5	133.7	134.9	136.1	137.3	138.5	139.6
30		139.4	141.0	142.6	144.2	145.8	147.4	149.0	150.5	152.1	153.6	155.1	156.5	158.0	159.5	160.9	162.3	163.8	165.2	166.6
35		164.0	165.9	167.8	169.7	171.6	173.4	175.3	177.1	178.9	180.7	182.4	184.2	185.9	187.6	189.3	191.0	192.7	194.3	196.0
40		186.5	188.7	190.9	193.0	195.2	197.3	199.4	201.4	203.5	205.5	207.5	209.5	211.5	213.4	215.3	217.3	219.2	221.0	222.9
50		233.6	236.4	239.1	241.8	244.5	247.1	249.8	252.3	254.9	257.4	260.0	262.4	264.9	267.4	269.8	272.2	274.5	276.9	279.2
60		280.8	284.1	287.4	290.6	293.8	297.0	300.2	303.3	306.3	309.4	312.4	315.4	318.4	321.3	324.2	327.1	329.9	332.8	335.6
70		327.9	331.8	335.6	339.4	343.2	346.9	350.5	354.2	357.8	361.3	364.9	368.3	371.8	375.2	378.6	382.0	385.3	388.6	391.9
80		373.0	377.4	381.8	386.1	390.3	394.6	398.7	402.9	407.0	411.0	415.0	419.0	422.9	426.8	430.7	434.5	438.3	442.1	445.8
90		420.1	425.1	430.0	434.9	439.7	444.4	449.1	453.8	458.4	463.0	467.5	471.9	476.4	480.8	485.1	489.4	493.7	497.9	502.1