

**AI 110° / AI UB 85° 18" 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	11.5	12.0	
psi gpm																			
AI110015VS	30	0.130	10.7	9.5	8.6	7.8	7.1	6.6	6.1	5.7	5.4	5.0	4.8	4.5	4.3	4.1	3.9	3.7	3.6
	40	0.15	12.4	11.0	9.9	9.0	8.3	7.6	7.1	6.6	6.2	5.8	5.5	5.2	5.0	4.7	4.5	4.3	4.1
	50	0.168	13.8	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5	6.1	5.8	5.5	5.3	5.0	4.8	4.6
100 MESH	60	0.184	15.2	13.5	12.1	11.0	10.1	9.3	8.7	8.1	7.6	7.1	6.7	6.4	6.1	5.8	5.5	5.3	5.1
	70	0.198	16.4	14.6	13.1	11.9	10.9	10.1	9.4	8.7	8.2	7.7	7.3	6.9	6.5	6.2	6.0	5.7	5.5
	80	0.212	17.5	15.6	14.0	12.7	11.7	10.8	10.0	9.3	8.8	8.2	7.8	7.4	7.0	6.7	6.4	6.1	5.8
GREEN	90	0.225	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	6.5	6.2
	100	0.237	19.6	17.4	15.7	14.2	13.0	12.0	11.2	10.4	9.8	9.2	8.7	8.2	7.8	7.5	7.1	6.8	6.5
	110	0.249	20.5	18.2	16.4	14.9	13.7	12.6	11.7	10.9	10.3	9.7	9.1	8.6	8.2	7.8	7.5	7.1	6.8
AI11002VS	30	0.173	14.3	12.7	11.4	10.4	9.5	8.8	8.2	7.6	7.1	6.7	6.4	6.0	5.7	5.4	5.2	5.0	4.8
	40	0.200	16.5	14.7	13.2	12.0	11.0	10.2	9.4	8.8	8.3	7.8	7.3	6.9	6.6	6.3	6.0	5.7	5.5
	50	0.224	18.4	16.4	14.8	13.4	12.3	11.4	10.5	9.8	9.2	8.7	8.2	7.8	7.4	7.0	6.7	6.4	6.1
50 MESH	60	0.245	20.2	18.0	16.2	14.7	13.5	12.4	11.5	10.8	10.1	9.5	9.0	8.5	8.1	7.7	7.3	7.0	6.7
	70	0.265	21.8	19.4	17.5	15.9	14.6	13.4	12.5	11.6	10.9	10.3	9.7	9.2	8.7	8.3	7.9	7.6	7.3
	80	0.283	23.3	20.7	18.7	17.0	15.6	14.4	13.3	12.4	11.7	11.0	10.4	9.8	9.3	8.9	8.5	8.1	7.8
YELLOW	90	0.300	24.8	22.0	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6	11.0	10.4	9.9	9.4	9.0	8.6	8.3
	100	0.316	26.1	23.2	20.9	19.0	17.4	16.1	14.9	13.9	13.0	12.3	11.6	11.0	10.4	9.9	9.5	9.1	8.7
	110	0.332	27.4	24.3	21.9	19.9	18.2	16.8	15.6	14.6	13.7	12.9	12.2	11.5	10.9	10.4	9.9	9.5	9.1
AI110025VS AIUB85025VS	30	0.217	17.9	15.9	14.3	13.0	11.9	11.0	10.2	9.5	8.9	8.4	7.9	7.5	7.1	6.8	6.5	6.2	6.0
	40	0.250	20.6	18.3	16.5	15.0	13.8	12.7	11.8	11.0	10.3	9.7	9.2	8.7	8.3	7.9	7.5	7.2	6.9
	50	0.280	23.1	20.5	18.4	16.8	15.4	14.2	13.2	12.3	11.5	10.9	10.2	9.7	9.2	8.8	8.4	8.0	7.7
50 MESH	60	0.306	25.3	22.5	20.2	18.4	16.8	15.5	14.4	13.5	12.6	11.9	11.2	10.6	10.1	9.6	9.2	8.8	8.4
	70	0.331	27.3	24.3	21.8	19.8	18.2	16.8	15.6	14.6	13.6	12.8	12.1	11.5	10.9	10.4	9.9	9.5	9.1
	80	0.354	29.2	25.9	23.3	21.2	19.4	17.9	16.7	15.6	14.6	13.7	13.0	12.3	11.7	11.1	10.6	10.1	9.7
TURQUOISE	90	0.375	30.9	27.5	24.8	22.5	20.6	19.0	17.7	16.5	15.5	14.6	13.8	13.0	12.4	11.8	11.3	10.8	10.3
	100	0.395	32.6	29.0	26.1	23.7	21.7	20.1	18.6	17.4	16.3	15.3	14.5	13.7	13.0	12.4	11.9	11.3	10.9
	110	0.415	34.2	30.4	27.4	24.9	22.8	21.0	19.5	18.2	17.1	16.1	15.2	14.4	13.7	13.0	12.4	11.9	11.4
AI11003VS AIUB8503VS	30	0.260	21.4	19.1	17.1	15.6	14.3	13.2	12.2	11.4	10.7	10.1	9.5	9.0	8.6	8.2	7.8	7.5	7.1
	40	0.300	24.8	22.0	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6	11.0	10.4	9.9	9.4	9.0	8.6	8.3
	50	0.335	27.7	24.6	22.1	20.1	18.4	17.0	15.8	14.8	13.8	13.0	12.3	11.7	11.1	10.5	10.1	9.6	9.2
50 MESH	60	0.367	30.3	26.9	24.2	22.0	20.2	18.7	17.3	16.2	15.2	14.3	13.5	12.8	12.1	11.5	11.0	10.5	10.1
	70	0.397	32.7	29.1	26.2	23.8	21.8	20.1	18.7	17.5	16.4	15.4	14.6	13.8	13.1	12.5	11.9	11.4	10.9
	80	0.424	35.0	31.1	28.0	25.5	23.3	21.5	20.0	18.7	17.5	16.5	15.6	14.7	14.0	13.3	12.7	12.2	11.7
BLUE	90	0.450	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	12.9	12.4
	100	0.474	39.1	34.8	31.3	28.5	26.1	24.1	22.4	20.9	19.6	18.4	17.4	16.5	15.7	14.9	14.2	13.6	13.0
	110	0.497	41.0	36.5	32.8	29.8	27.4	25.3	23.5	21.9	20.5	19.3	18.2	17.3	16.4	15.6	14.9	14.3	13.7
AI11004VS AIUB8504VS	30	0.346	28.6	25.4	22.9	20.8	19.1	17.6	16.3	15.2	14.3	13.4	12.7	12.0	11.4	10.9	10.4	9.9	9.5
	40	0.400	33.0	29.3	26.4	24.0	22.0	20.3	18.9	17.6	16.5	15.5	14.7	13.9	13.2	12.6	12.0	11.5	11.0
	50	0.447	36.9	32.8	29.5	26.8	24.6	22.7	21.1	19.7	18.4	17.4	16.4	15.5	14.8	14.1	13.4	12.8	12.3
50 MESH	60	0.490	40.4	35.9	32.3	29.4	26.9	24.9	23.1	21.6	20.2	19.0	18.0	17.0	16.2	15.4	14.7	14.1	13.5
	70	0.529	43.7	38.8	34.9	31.7	29.1	26.9	24.9	23.3	21.8	20.5	19.4	18.4	17.5	16.6	15.9	15.2	14.6
	80	0.566	46.7	41.5	37.3	33.9	31.1	28.7	26.7	24.9	23.3	22.0	20.7	19.7	18.7	17.8	17.0	16.2	15.6
RED	90	0.600	49.5	44.0	39.6	36.0	33.0	30.5	28.3	26.4	24.8	23.3	22.0	20.8	19.8	18.9	18.0	17.2	16.5
	100	0.632	52.2	46.4	41.7	37.9	34.8	32.1	29.8	27.8	26.1	24.6	23.2	22.0	20.9	19.9	19.0	18.1	17.4
	110	0.663	54.7	48.6	43.8	39.8	36.5	33.7	31.3	29.2	27.4	25.8	24.3	23.0	21.9	20.8	19.9	19.0	18.2

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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		
																	gpm	
																	psi	
3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.1	0.130	30	AI110015VS  100 MESH  GREEN
4.0	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	0.150	40	
4.4	4.3	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.8	0.168	50	
4.8	4.7	4.5	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	0.184	60	
5.2	5.0	4.9	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.4	3.3	0.198	70	
5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	0.212	80	
5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	3.8	3.7	0.225	90	
6.3	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	4.0	3.9	0.237	100	
6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.7	4.6	4.4	4.3	4.2	4.1	0.249	110	
4.6	4.4	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	0.173	30	AI11002VS  50 MESH  YELLOW
5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	0.200	40	
5.9	5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	0.224	50	
6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.1	4.0	0.245	60	
7.0	6.7	6.5	6.2	6.0	5.8	5.6	5.5	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.4	0.265	70	
7.5	7.2	6.9	6.7	6.4	6.2	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.9	4.8	4.7	0.283	80	
7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	5.0	0.300	90	
8.3	8.0	7.7	7.5	7.2	7.0	6.7	6.5	6.3	6.1	6.0	5.8	5.6	5.5	5.4	5.2	0.316	100	
8.8	8.4	8.1	7.8	7.5	7.3	7.1	6.8	6.6	6.4	6.3	6.1	5.9	5.8	5.6	5.5	0.332	110	
5.7	5.5	5.3	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	0.217	30	AI110025VS AIUB85025VS  50 MESH  TURQUOISE
6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.7	4.6	4.5	4.3	4.2	4.1	0.250	40	
7.4	7.1	6.8	6.6	6.4	6.1	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.9	4.7	4.6	0.280	50	
8.1	7.8	7.5	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.5	5.3	5.2	5.1	0.306	60	
8.7	8.4	8.1	7.8	7.5	7.3	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.7	5.6	5.5	0.331	70	
9.3	9.0	8.6	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	6.0	5.8	0.354	80	
9.9	9.5	9.2	8.8	8.5	8.3	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.2	0.375	90	
10.4	10.0	9.7	9.3	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.2	7.1	6.9	6.7	6.5	0.395	100	
10.9	10.5	10.1	9.8	9.4	9.1	8.8	8.6	8.3	8.0	7.8	7.6	7.4	7.2	7.0	6.8	0.415	110	
6.9	6.6	6.4	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.3	0.260	30	AI11003VS AIUB8503VS  50 MESH  BLUE
7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	5.0	0.300	40	
8.9	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.3	6.1	6.0	5.8	5.7	5.5	0.335	50	
9.7	9.3	9.0	8.7	8.4	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.1	0.367	60	
10.5	10.1	9.7	9.4	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	0.397	70	
11.2	10.8	10.4	10.0	9.7	9.3	9.0	8.8	8.5	8.2	8.0	7.8	7.6	7.4	7.2	7.0	0.424	80	
11.9	11.4	11.0	10.6	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.3	8.0	7.8	7.6	7.4	0.450	90	
12.5	12.0	11.6	11.2	10.8	10.4	10.1	9.8	9.5	9.2	8.9	8.7	8.5	8.2	8.0	7.8	0.474	100	
13.1	12.6	12.2	11.7	11.3	10.9	10.6	10.3	9.9	9.7	9.4	9.1	8.9	8.6	8.4	8.2	0.497	110	
9.1	8.8	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.4	6.2	6.0	5.9	5.7	0.346	30	AI11004VS AIUB8504VS  50 MESH  RED
10.6	10.2	9.8	9.4	9.1	8.8	8.5	8.3	8.0	7.8	7.5	7.3	7.1	6.9	6.8	6.6	0.400	40	
11.8	11.4	10.9	10.5	10.2	9.8	9.5	9.2	8.9	8.7	8.4	8.2	8.0	7.8	7.6	7.4	0.447	50	
12.9	12.4	12.0	11.5	11.1	10.8	10.4	10.1	9.8	9.5	9.2	9.0	8.7	8.5	8.3	8.1	0.490	60	
14.0	13.4	12.9	12.5	12.0	11.6	11.3	10.9	10.6	10.3	10.0	9.7	9.4	9.2	9.0	8.7	0.529	70	
14.9	14.4	13.8	13.3	12.9	12.4	12.0	11.7	11.3	11.0	10.7	10.4	10.1	9.8	9.6	9.3	0.566	80	
15.8	15.2	14.7	14.1	13.7	13.2	12.8	12.4	12.0	11.6	11.3	11.0	10.7	10.4	10.2	9.9	0.600	90	
16.7	16.1	15.5	14.9	14.4	13.9	13.5	13.0	12.6	12.3	11.9	11.6	11.3	11.0	10.7	10.4	0.632	100	
17.5	16.8	16.2	15.6	15.1	14.6	14.1	13.7	13.3	12.9	12.5	12.2	11.8	11.5	11.2	10.9	0.663	110	

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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	11.5	12.0		
AI11005VS	30	0.433	35.7	31.8	28.6	26.0	23.8	22.0	20.4	19.1	17.9	16.8	15.9	15.0	14.3	13.6	13.0	12.4	11.9	
	40	0.500	41.3	36.7	33.0	30.0	27.5	25.4	23.6	22.0	20.6	19.4	18.3	17.4	16.5	15.7	15.0	14.3	13.8	
	50	0.559	46.1	41.0	36.9	33.5	30.7	28.4	26.4	24.6	23.1	21.7	20.5	19.4	18.4	17.6	16.8	16.0	15.4	
	50 MESH	60	0.612	50.5	44.9	40.4	36.7	33.7	31.1	28.9	26.9	25.3	23.8	22.5	21.3	20.2	19.2	18.4	17.6	16.8
		70	0.661	54.6	48.5	43.7	39.7	36.4	33.6	31.2	29.1	27.3	25.7	24.3	23.0	21.8	20.8	19.8	19.0	18.2
		80	0.707	58.3	51.9	46.7	42.4	38.9	35.9	33.3	31.1	29.2	27.5	25.9	24.6	23.3	22.2	21.2	20.3	19.4
	BROWN	90	0.750	61.9	55.0	49.5	45.0	41.3	38.1	35.4	33.0	30.9	29.1	27.5	26.1	24.8	23.6	22.5	21.5	20.6
		100	0.791	65.2	58.0	52.2	47.4	43.5	40.1	37.3	34.8	32.6	30.7	29.0	27.5	26.1	24.8	23.7	22.7	21.7
		110	0.829	68.4	60.8	54.7	49.7	45.6	42.1	39.1	36.5	34.2	32.2	30.4	28.8	27.4	26.1	24.9	23.8	22.8
	AI11006VS	30	0.520	42.9	38.1	34.3	31.2	28.6	26.4	24.5	22.9	21.4	20.2	19.1	18.0	17.1	16.3	15.6	14.9	14.3
		40	0.600	49.5	44.0	39.6	36.0	33.0	30.5	28.3	26.4	24.8	23.3	22.0	20.8	19.8	18.9	18.0	17.2	16.5
50		0.671	55.3	49.2	44.3	40.2	36.9	34.1	31.6	29.5	27.7	26.0	24.6	23.3	22.1	21.1	20.1	19.2	18.4	
50 MESH		60	0.735	60.6	53.9	48.5	44.1	40.4	37.3	34.6	32.3	30.3	28.5	26.9	25.5	24.2	23.1	22.0	21.1	20.2
		70	0.794	65.5	58.2	52.4	47.6	43.7	40.3	37.4	34.9	32.7	30.8	29.1	27.6	26.2	24.9	23.8	22.8	21.8
		80	0.849	70.0	62.2	56.0	50.9	46.7	43.1	40.0	37.3	35.0	32.9	31.1	29.5	28.0	26.7	25.5	24.3	23.3
GRAY		90	0.900	74.3	66.0	59.4	54.0	49.5	45.7	42.4	39.6	37.1	34.9	33.0	31.3	29.7	28.3	27.0	25.8	24.8
		100	0.949	78.3	69.6	62.6	56.9	52.2	48.2	44.7	41.7	39.1	36.8	34.8	33.0	31.3	29.8	28.5	27.2	26.1
		110	0.995	82.1	73.0	65.7	59.7	54.7	50.5	46.9	43.8	41.0	38.6	36.5	34.6	32.8	31.3	29.8	28.6	27.4
AI11008VS		30	0.693	57.2	50.8	45.7	41.6	38.1	35.2	32.7	30.5	28.6	26.9	25.4	24.1	22.9	21.8	20.8	19.9	19.1
		40	0.800	66.0	58.7	52.8	48.0	44.0	40.6	37.7	35.2	33.0	31.1	29.3	27.8	26.4	25.1	24.0	23.0	22.0
	50	0.894	73.8	65.6	59.0	53.7	49.2	45.4	42.2	39.4	36.9	34.7	32.8	31.1	29.5	28.1	26.8	25.7	24.6	
	50 MESH	60	0.980	80.8	71.9	64.7	58.8	53.9	49.7	46.2	43.1	40.4	38.0	35.9	34.0	32.3	30.8	29.4	28.1	26.9
		70	1.058	87.3	77.6	69.8	63.5	58.2	53.7	49.9	46.6	43.7	41.1	38.8	36.8	34.9	33.3	31.7	30.4	29.1
		80	1.131	93.3	83.0	74.7	67.9	62.2	57.4	53.3	49.8	46.7	43.9	41.5	39.3	37.3	35.6	33.9	32.5	31.1
	WHITE	90	1.200	99.0	88.0	79.2	72.0	66.0	60.9	56.6	52.8	49.5	46.6	44.0	41.7	39.6	37.7	36.0	34.4	33.0
		100	1.265	104.4	92.8	83.5	75.9	69.6	64.2	59.6	55.7	52.2	49.1	46.4	43.9	41.7	39.8	37.9	36.3	34.8
		110	1.327	109.4	97.3	87.6	79.6	73.0	67.4	62.5	58.4	54.7	51.5	48.6	46.1	43.8	41.7	39.8	38.1	36.5
	AI11010VS	30	0.866	71.4	63.5	57.2	52.0	47.6	44.0	40.8	38.1	35.7	33.6	31.8	30.1	28.6	27.2	26.0	24.9	23.8
		40	1.000	82.5	73.3	66.0	60.0	55.0	50.8	47.1	44.0	41.3	38.8	36.7	34.7	33.0	31.4	30.0	28.7	27.5
50		1.118	92.2	82.0	73.8	67.1	61.5	56.8	52.7	49.2	46.1	43.4	41.0	38.8	36.9	35.1	33.5	32.1	30.7	
50 MESH		60	1.225	101.0	89.8	80.8	73.5	67.4	62.2	57.7	53.9	50.5	47.5	44.9	42.5	40.4	38.5	36.7	35.1	33.7
		70	1.323	109.1	97.0	87.3	79.4	72.8	67.2	62.4	58.2	54.6	51.4	48.5	46.0	43.7	41.6	39.7	38.0	36.4
		80	1.414	116.7	103.7	93.3	84.9	77.8	71.8	66.7	62.2	58.3	54.9	51.9	49.1	46.7	44.4	42.4	40.6	38.9
LIGHT BLUE		90	1.500	123.8	110.0	99.0	90.0	82.5	76.2	70.7	66.0	61.9	58.2	55.0	52.1	49.5	47.1	45.0	43.0	41.3
		100	1.581	130.4	116.0	104.4	94.9	87.0	80.3	74.5	69.6	65.2	61.4	58.0	54.9	52.2	49.7	47.4	45.4	43.5
		110	1.658	136.8	121.6	109.4	99.5	91.2	84.2	78.2	73.0	68.4	64.4	60.8	57.6	54.7	52.1	49.7	47.6	45.6

**AI 110°/ AI UB 85° 18" TIP SPACING**

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

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	
11.4	11.0	10.6	10.2	9.9	9.5	9.2	8.9	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	0.433	30
13.2	12.7	12.2	11.8	11.4	11.0	10.6	10.3	10.0	9.7	9.4	9.2	8.9	8.7	8.5	8.3	0.500	40
14.8	14.2	13.7	13.2	12.7	12.3	11.9	11.5	11.2	10.9	10.5	10.2	10.0	9.7	9.5	9.2	0.559	50
16.2	15.5	15.0	14.4	13.9	13.5	13.0	12.6	12.2	11.9	11.5	11.2	10.9	10.6	10.4	10.1	0.612	60
17.5	16.8	16.2	15.6	15.1	14.6	14.1	13.6	13.2	12.8	12.5	12.1	11.8	11.5	11.2	10.9	0.661	70
18.7	17.9	17.3	16.7	16.1	15.6	15.1	14.6	14.1	13.7	13.3	13.0	12.6	12.3	12.0	11.7	0.707	80
19.8	19.0	18.3	17.7	17.1	16.5	16.0	15.5	15.0	14.6	14.1	13.8	13.4	13.0	12.7	12.4	0.750	90
20.9	20.1	19.3	18.6	18.0	17.4	16.8	16.3	15.8	15.3	14.9	14.5	14.1	13.7	13.4	13.0	0.791	100
21.9	21.0	20.3	19.5	18.9	18.2	17.7	17.1	16.6	16.1	15.6	15.2	14.8	14.4	14.0	13.7	0.829	110

13.7	13.2	12.7	12.2	11.8	11.4	11.1	10.7	10.4	10.1	9.8	9.5	9.3	9.0	8.8	8.6	0.520	30
15.8	15.2	14.7	14.1	13.7	13.2	12.8	12.4	12.0	11.6	11.3	11.0	10.7	10.4	10.2	9.9	0.600	40
17.7	17.0	16.4	15.8	15.3	14.8	14.3	13.8	13.4	13.0	12.6	12.3	12.0	11.7	11.4	11.1	0.671	50
19.4	18.7	18.0	17.3	16.7	16.2	15.6	15.2	14.7	14.3	13.9	13.5	13.1	12.8	12.4	12.1	0.735	60
21.0	20.1	19.4	18.7	18.1	17.5	16.9	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.4	13.1	0.794	70
22.4	21.5	20.7	20.0	19.3	18.7	18.1	17.5	17.0	16.5	16.0	15.6	15.1	14.7	14.4	14.0	0.849	80
23.8	22.8	22.0	21.2	20.5	19.8	19.2	18.6	18.0	17.5	17.0	16.5	16.1	15.6	15.2	14.9	0.900	90
25.0	24.1	23.2	22.4	21.6	20.9	20.2	19.6	19.0	18.4	17.9	17.4	16.9	16.5	16.1	15.7	0.949	100
26.3	25.3	24.3	23.5	22.6	21.9	21.2	20.5	19.9	19.3	18.8	18.2	17.7	17.3	16.8	16.4	0.995	110

18.3	17.6	16.9	16.3	15.8	15.2	14.8	14.3	13.9	13.4	13.1	12.7	12.4	12.0	11.7	11.4	0.693	30
21.1	20.3	19.6	18.9	18.2	17.6	17.0	16.5	16.0	15.5	15.1	14.7	14.3	13.9	13.5	13.2	0.800	40
23.6	22.7	21.9	21.1	20.4	19.7	19.0	18.4	17.9	17.4	16.9	16.4	16.0	15.5	15.1	14.8	0.894	50
25.9	24.9	24.0	23.1	22.3	21.6	20.9	20.2	19.6	19.0	18.5	18.0	17.5	17.0	16.6	16.2	0.980	60
27.9	26.9	25.9	24.9	24.1	23.3	22.5	21.8	21.2	20.5	20.0	19.4	18.9	18.4	17.9	17.5	1.058	70
29.9	28.7	27.7	26.7	25.7	24.9	24.1	23.3	22.6	22.0	21.3	20.7	20.2	19.7	19.1	18.7	1.131	80
31.7	30.5	29.3	28.3	27.3	26.4	25.5	24.8	24.0	23.3	22.6	22.0	21.4	20.8	20.3	19.8	1.200	90
33.4	32.1	30.9	29.8	28.8	27.8	26.9	26.1	25.3	24.6	23.9	23.2	22.6	22.0	21.4	20.9	1.265	100
35.0	33.7	32.4	31.3	30.2	29.2	28.2	27.4	26.5	25.8	25.0	24.3	23.7	23.0	22.5	21.9	1.327	110

22.9	22.0	21.2	20.4	19.7	19.1	18.4	17.9	17.3	16.8	16.3	15.9	15.4	15.0	14.7	14.3	0.866	30
26.4	25.4	24.4	23.6	22.8	22.0	21.3	20.6	20.0	19.4	18.9	18.3	17.8	17.4	16.9	16.5	1.000	40
29.5	28.4	27.3	26.4	25.4	24.6	23.8	23.1	22.4	21.7	21.1	20.5	19.9	19.4	18.9	18.4	1.118	50
32.3	31.1	29.9	28.9	27.9	26.9	26.1	25.3	24.5	23.8	23.1	22.5	21.8	21.3	20.7	20.2	1.225	60
34.9	33.6	32.3	31.2	30.1	29.1	28.2	27.3	26.5	25.7	24.9	24.3	23.6	23.0	22.4	21.8	1.323	70
37.3	35.9	34.6	33.3	32.2	31.1	30.1	29.2	28.3	27.5	26.7	25.9	25.2	24.6	23.9	23.3	1.414	80
39.6	38.1	36.7	35.4	34.1	33.0	31.9	30.9	30.0	29.1	28.3	27.5	26.8	26.1	25.4	24.8	1.500	90
41.7	40.1	38.7	37.3	36.0	34.8	33.7	32.6	31.6	30.7	29.8	29.0	28.2	27.5	26.8	26.1	1.581	100
43.8	42.1	40.5	39.1	37.7	36.5	35.3	34.2	33.2	32.2	31.3	30.4	29.6	28.8	28.1	27.4	1.658	110