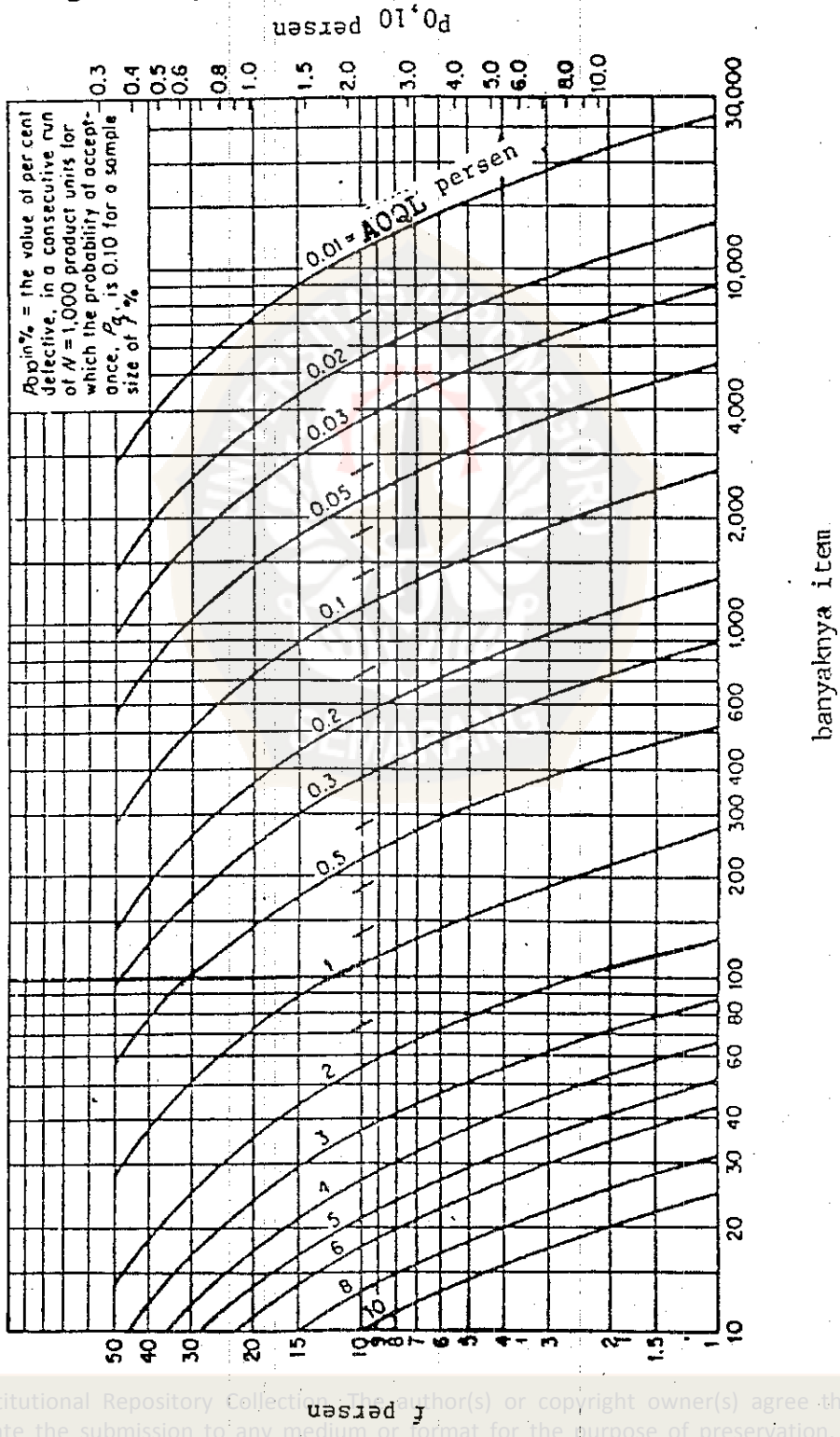
LAMPIRAN

* Kurva untuk menentukan f dan i jika suatu harga AOQL dalam rancangan Dodge untuk produksi kontinu CSP-1.



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Tabel 2. Harga-harga i untuk rancangan penyampelan kontinu multipel.

AOQL % cacat	$f = 1/2$					$f = 1/3$					$f = 3/5$		
	$k = 1$	$k = 2$	$k = 3$	$k = 4$	$k = 5$	$k = 1$	$k = 2$	$k = 3$	$k = 4$	$k = 5$	$k = 1$	$k = 2$	$k = 3$
20.0	•	•	•	•	•	•	•	4	5	6	•	•	•
15.0	•	•	•	4	5	•	4	6	7	8	•	•	•
10.0	•	4	6	8	9	•	7	10	12	13	•	•	•
7.5	•	6	9	11	13	6	11	14	16	18	•	•	•
5.0	5	11	15	18	20	10	18	22	25	27	•	5	8
4.0	7	14	19	22	25	14	23	29	32	34	•	7	11
3.0	11	20	26	31	34	19	32	39	43	46	5	11	16
2.0	18	31	40	47	51	31	48	59	66	71	9	18	25
1.5	25	43	55	63	69	42	66	80	89	95	13	25	34
1.0	39	65	83	95	104	64	100	120	134	142	21	39	52
0.75	54	88	112	128	140	87	134	161	179	191	30	53	71
0.50	82	132	168	193	210	133	202	243	269	287	46	80	107
0.35	119	197	241	275	302	190	290	349	386	408			
0.25	167	269	337	386	422	269	406	488	540	576	96	164	217
0.15	218	446	564	636	706	450	680	815	903	960			
0.10	421	675	847	969	1.059	677	1.022	1.224	1.354	1.443			

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Tabel 3. MIL-STD-1235, harga bilangan i untuk CSP-1.

Huruf kode penyampelan	f	AQL dalam persen													
		0.015	0.035	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10.0
A	3/5	240	180	120	100	75	50	33	25	20	12	9	5	4	2
B	3/5	390	290	200	170	130	80	55	43	34	20	13	9	6	4
C	3/5	500	380	260	220	170	100	75	55	45	27	19	12	8	5
D	3/5	600	450	320	270	200	130	90	70	55	33	23	14	9	6
E	3/5	750	550	390	330	250	150	110	85	65	40	29	17	12	8
F	3/10	920	690	480	410	310	190	140	100	80	50	35	22	15	10
G	3/15	1,110	840	590	500	380	230	170	130	100	65	43	27	18	12
H	3/25	1,380	1,040	730	620	470	290	210	160	130	75	55	34	22	15
I	3/50	1,780	1,340	940	800	600	370	260	200	160	100	70	42	29	19
J	3/100	2,210	1,660	1,150	980	740	450	320	250	200	120	85	55	36	24
K	3/200	2,630	1,970	1,370	1,170	880	530	380	300	240	150	100	65	43	28
		0.12	0.16	0.23	0.27	0.36	0.59	0.83	1.08	1.35	2.20	3.09	4.96	7.24	10.70
		AOQL dalam persen													

Tabel 4. MIL-STD-1235, harga bilangan L untuk CSP-1.

Huruf kode penyampelan	f	AQL dalam persen													
		0.015	0.035	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10.0
A	3/5	575	425	300	250	175	125	80	60	50	30	23	13	11	6
B	3/5	1,075	800	550	475	375	225	150	125	95	60	45	27	19	13
C	3/5	1,550	1,200	800	700	525	325	250	175	150	90	60	40	27	18
D	3/5	1,800	1,350	1,000	800	600	400	275	225	175	100	70	45	30	20
E	3/5	2,350	1,750	1,200	1,050	800	475	350	275	200	125	90	55	40	25
F	3/10	3,450	2,600	1,800	1,550	1,175	725	550	400	300	200	150	90	60	40
G	3/15	5,250	3,950	2,800	2,350	1,800	1,100	800	625	475	325	225	125	90	60
H	3/25	6,800	5,100	3,600	3,050	2,300	1,425	1,050	800	650	375	275	175	110	80
I	3/50	13,600	10,200	7,200	6,100	4,600	2,825	2,000	1,550	1,225	775	550	350	250	150
J	3/100	22,200	16,700	11,500	9,850	7,450	4,525	3,225	2,525	2,025	1,225	875	575	375	275
K	3/200	30,500	25,600	20,600	17,000	13,250	8,000	5,750	4,525	3,625	2,275	1,525	1,000	675	450
		0.12	0.16	0.23	0.27	0.36	0.59	0.83	1.08	1.35	2.20	3.09	4.96	7.24	10.70
		AOQL dalam persen													

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Tabel 5. MIL-STD-1235, harga bilangan i untuk CSP-2

Huruf kode penyampelan	f	AQL dalam persen													
		0.015	0.035	0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10.0
A	3/5	360	270	190	160	120	75	50	39	31	19	13	8	5	3
B	3/5	590	500	310	260	200	120	90	65	50	31	22	13	9	6
C	3/4	730	550	380	320	240	150	110	80	65	39	27	17	11	7
D	3/5	850	640	440	380	280	170	120	95	75	45	32	20	13	9
E	3/5	1,020	760	530	450	340	210	150	110	90	55	39	24	16	11
F	3/10	1,220	920	640	540	410	250	180	140	110	70	47	29	19	13
G	3/15	1,440	1,090	760	650	490	300	210	170	130	80	55	35	23	16
H	3/25	1,750	1,320	920	780	590	360	260	200	160	95	65	42	28	19
I	3/50	2,200	1,650	1,150	980	730	450	320	250	200	120	85	55	35	23
J	3/100	2,650	2,000	1,380	1,180	880	540	380	290	230	150	110	65	42	27
K	3/200	3,200	2,400	1,660	1,410	1,060	640	460	360	290	180	130	75	55	33
		0.12	0.16	0.23	0.27	0.36	0.59	0.83	1.08	1.35	2.20	3.09	4.96	7.24	10.70
		AOQL dalam persen													

Tabel 6. MIL-STD-1235, harga bilangan L untuk CSP-2.

Huruf kode penyampelan	f	AQL dalam persen													
		0.015	0.035	0065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10.0
A	3/5	1,300	975	700	600	450	275	200	150	125	75	50	32	21	14
B	3/5	2,700	2,275	1,400	1,175	900	550	425	300	250	150	105	70	44	31
C	3/4	3,675	2,775	1,925	1,625	1,225	775	575	425	350	200	150	90	60	40
D	3/5	3,400	2,575	1,775	1,525	1,125	700	500	400	325	200	150	90	55	40
E	3/5	5,125	3,825	2,675	2,275	1,725	1,075	775	575	475	300	200	125	85	60
F	3/10	7,200	5,450	3,800	3,200	2,425	1,475	1,075	850	650	425	300	175	125	86
G	3/15	10,950	8,300	5,800	4,950	3,725	2,300	1,600	1,300	1,000	625	425	275	175	125
H	3/25	14,000	10,600	7,400	6,250	4,725	3,000	2,100	1,600	1,300	775	525	350	225	175
I	3/50	28,600	21,450	14,950	12,750	9,500	5,850	4,175	3,250	2,600	1,575	1,125	725	475	300
J	3/100	39,800	30,050	20,750	17,750	13,250	8,125	5,725	4,375	3,475	2,275	1,675	1,080	675	450
K	3/200	80,100	60,100	41,600	35,300	26,600	16,100	11,600	9,050	7,250	4,550	3,300	1,925	1,425	875
		0.12	0.16	0.23	0.27	0.36	0.59	0.83	1.08	1.35	2.20	3.09	4.96	7.24	10.7
		AOQL dalam persen													

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Tabel 7. MIL-STD-1235, harga bilangan i dan a untuk CSP-A.

Huruf kode penyampelan	f	AQL dalam persen																							
		0.015		0.10		0.15		0.25		0.40		0.65		1.0		1.5		2.5		4.0		6.5		10.0	
		i	a	i	a	i	a	i	a	i	a	i	a	i	a	i	a	i	a	i	a	i	a	i	a
A'	3/1	100%	0	←		←		←		←		100%	0	←		←		←		←		100%	0	←	
B'	3/1	100%	0	←		←		←		←		100%	0	←		←		←		100%	1	100%	2	100%	3
C'	3/1	100%	0	←		←		←		25	0	25	0	←		20	1	10	1	4	1	3	2	3	3
D'	3/10	100%	0	←		65	0	35	0	25	0	25	0	30	1	20	1	8	1	6	2	4	2	4	3
E'	3/10	105	0	80	0	50	0	25	0	15	0	15	0	20	1	10	1	8	2	6	3	4	3	4	5
F'	3/10	100	0	60	0	40	0	20	0			30	1	14	1	10	2	10	3	8	4	6	5	4	7
G'	3/10	80	0	50	0	20	0			40	1	20	1	15	2	15	3	10	4	8	6	6	8	4	11
H'	3/10	80	0	30	0			40	1	20	1	20	2	15	3	15	4	10	6	8	8	6	12	4	16
I'	3/10	80	0			50	1	35	1	25	2	25	3	20	4	15	5	10	7	8	11	6	17	4	24
J'	3/5	100	0	135	1	50	1	40	2	40	3	30	4	25	5	20	7	10	9	9	15	7	25	5	37
K'	3/5	120	0	100	1	60	2	50	3	40	4	30	5	30	8	25	11	15	17	9	24	7	34	5	53
L'	3/10	160	0	80	1	90	2	80	3	50	5	40	7	30	10	20	14	16	20	12	32	9	57	9	108
M'	3/100	200	0	110	3	100	4	80	5	65	7	50	13	35	18	25	25	20	43	12	62	15	180	12	300
N'	3/100	240	0	120	6	100	8	80	11	60	15	45	26	30	35	25	53	15	81	10	126	7	207	5	326
		0.12		0.27		0.36		0.59		0.83		1.08		1.35		2.20		3.09		4.96		7.24		10.70	
		AOQL dalam persen																							

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Tabel 8. MIL-STD-1235, harga bilangan i dan k, f = 1/2 CSP-M

N		AOQL dalam persen												
Penyampelan unit dalam interval produksi		0.10	0.15	0.25	0.35	0.50	0.75	1.0	1.5	2.0	3.0	5.0	7.5	10.0
4-65	i													4
	k											5		2
66-135	i									18	11			
	k									1	1			
136-200	i								25				6	
	k								1				2	
201-300	i							39				11		
	k							1				2		
301-400	i										20			
	k										2			
401-500	i						54			31				6
	k						1			2				3
501-700	i					82			43				9	
	k					1			2				3	
701-1,100	i				110			65				16		
	k				1			2				3		
1,101-1,500	i			167							26			8
	k			1							3			4
1,501-2,700	i		218				88			40		18	11	
	k		1				2			3		4	4	
2,701-4,000	i	421			197	132			55		31			
	k	1			2	2			3		4			
4,001-5,500	i			269						47				
	k			2						4				
5,501-8,500	i		446					83	63					
	k		2					3	4					
8,501-10,500	i					108	112							
	k					3	3							
10,501-15,000	i	675			241			95						
	k	2			3			4						
15,001-21,000	i			337		193	128							
	k			3		4	4							
21,000-32,000	i		564		275									
	k		3		4									
32,001-50,000	i	847		356										
	k	3		4										
50,001-80,000	i		636											
	k		4											
80,001-150,000	i	969												
	k	4												
150,001 ke atas	i	1,050	706	422	302	210	140	104	69	51	34	20	13	9
	k	5	5	5	5	5	5	5	5	5	5	5	5	5
		0.015	0.035	0.065 .10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10.0
		AQL dalam persen												

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Tabel 9. MIL-STD-1235, harga bilangan i dan k, f=1/3 CSP-M.

N	AQQL dalam persen												
Penyampelan unit dalam interval produksi	0.10	0.15	0.25	0.33	0.50	0.75	1.0	1.5	2.0	3.0	5.0	7.5	10.0
4-75											10 1	6 1	
76-200										19 1			7 2
201-325								42 1	31 1				
326-450												11 2	
451-600							64 1						
601-750											18 2		
751-1,000						87 1				32 2			
1,001-1,300	677 1	450 1	200 1	190 1	133 1	134 2	100 2	66 2	48 2	39 3	22 3	14 3	10 3
1,301-1,900				190 1				66 2				14 3	
1,901-2,700							100 2			39 3	22 3		
2,701-3,500			200 1						59 3				12 4
3,501-4,500								80 3				16 4	
4,501-6,000		450 1				134 2	120 3						
6,001-7,500											25 4		
7,501-9,000	677 1				202 2					43 4			
9,001-12,000				290 2					66 4				
12,001-15,000	1,022 2	680 2	400 2	349 3	243 3	161 3	134 4	89 4	71 5	46 5	27 5	15 5	13 5
15,001-22,000		680 2			213 3		134 4						
22,001-30,000	1,022 2			349 3									
30,001-40,000			488 3			179 4							
40,001-55,000		815 3			269 4								
55,001-75,000	1,224 3		540 4	386 4									
75,001-120,000		903 4											
120,001-200,000	1,354 4												
200,001-350,000	1,443 5	960 5	570 5	408 5	267 5	191 5	142 5	95 5	71 5	46 5	27 5	15 5	13 5
350,001 ke atas	0.015	0.035	0.065 0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10.0

AQL dalam persen

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Tabel 10. Resiko Produsen dan Resiko Konsumen untuk rencana sampel tunggal.

c	$np_{c,99}$	$np_{0,99}$	$np_{0,90}$	$np_{0,10}$	$np_{0,10}$	$np_{0,05}$	$np_{0,01}$	$\frac{p_{0,10}}{p_{0,99}}$
0	0.010	0.051	0.105	0.693	2.303	2.996	4.605	44.890
1	0.149	0.355	0.532	1.678	3.890	4.744	6.638	10.946
2	0.436	0.818	1.102	2.674	5.322	6.296	8.406	6.509
3	0.823	1.366	1.745	3.672	6.681	7.754	10.045	4.890
4	1.279	1.970	2.433	4.671	7.994	9.154	11.605	4.057
5	1.785	2.613	3.152	5.670	9.275	10.513	13.108	3.549
6	2.330	3.286	3.895	6.670	10.532	11.842	14.571	3.206
7	2.906	3.981	4.656	7.669	11.771	13.148	16.000	2.957
8	3.507	4.695	5.432	8.669	12.995	14.434	17.403	2.768
9	4.130	5.426	6.221	9.669	14.206	15.705	18.783	2.618
10	4.771	6.169	7.021	10.668	15.407	16.962	20.145	2.497
11	5.428	6.924	7.829	11.668	16.598	18.208	21.490	2.397
12	6.099	7.690	8.646	12.668	17.782	19.442	22.821	2.312
13	6.782	8.464	9.470	13.668	18.958	20.668	24.139	2.240
14	7.477	9.246	10.300	14.668	20.128	21.886	25.446	2.177
15	8.181	10.035	11.135	15.668	21.292	23.098	26.743	2.122
16	8.895	10.831	11.976	16.668	22.452	24.302	28.031	2.073
17	9.616	11.633	12.822	17.668	23.606	25.500	29.310	2.029
18	10.346	12.442	13.672	18.668	24.756	26.692	30.581	1.990
19	11.082	13.254	14.525	19.668	25.902	27.879	31.845	1.954
20	11.825	14.072	15.383	20.668	27.045	29.062	33.103	1.922
21	12.574	14.894	16.244	21.668	28.184	30.241	34.355	1.892
22	13.329	15.719	17.108	22.668	29.320	31.416	35.601	1.865
23	14.088	16.548	17.975	23.668	30.453	32.586	36.841	1.840
24	14.853	17.382	18.844	24.668	31.584	33.752	38.077	1.817
25	15.623	18.218	19.717	25.667	32.711	34.916	39.308	1.795
30	19.532	22.444	24.113	30.667	38.315	40.690	45.401	1.707
35	23.525	26.731	28.556	35.667	43.872	46.404	51.409	1.641
40	27.587	31.066	33.038	40.667	49.390	52.069	57.347	1.590
45	31.704	35.441	37.550	45.667	54.878	57.695	63.231	1.548
50	35.867	39.849	42.089	50.667	60.339	63.287	69.066	1.515

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Tabel G

c atau np'	c 0	1	2	3	4	5	6	7
0,02	980	1000						
0,04	961	999	1000					
0,06	942	998	1000					
0,08	923	997	1000					
0,10	905	995	1000					
0,15	861	990	999	1000				
0,20	819	982	999	1000				
0,25	779	974	998	1000				
0,30	741	963	996	1000				
0,35	705	951	994	1000				
0,40	670	938	992	999	1000			
0,45	638	925	989	999	1000			
0,50	607	910	986	998	1000			
0,55	577	894	982	998	1000			
0,60	549	878	977	997	1000			
0,65	522	861	972	996	999	1000		
0,70	497	844	966	994	999	1000		
0,75	472	827	959	993	999	1000		

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