

## Basic sampling tables

Lot size N	n	AQL									
		0.1	0.25	0.4	0.65	1.0	1.5	2.5	4.0	6.5	8.0
		Acceptance no. c (= Number of permissible defective units in the sample)									
1 – 500	N or 80	0	1	1	1	2	3	4	6	9	11
501 – 1 200	80	0	1	1	1	2	3	4	6	9	11
1 201 – 3 200	125	0	1	2	2	3	4	6	8	12	15
3 201 – 10 000	200	1	1	2	3	4	6	8	12	18	22
10 001 – 35 000	315	1	2	3	4	6	8	12	18	27	33
35 001 – 150 000	500	1	3	5	6	9	12	18	27	44	55
150 001 – 500 000	800	2	4	6	9	13	17	27	41	63	77
> 500 000	1250	3	6	10	13	18	26	40	61	96	117

Basic sampling table for qualitative tests (Acceptance probability 95 %)

Lot size N	n	AQL									
		0.1	0.25	0.4	0.65	1.0	1.5	2.5	4.0	6.5	8.0
		Acceptance no. c (= Number of permissible defective units in the sample)									
1 – 500	N or 32	0	0	0	0	1	1	2	3	4	5
501 – 1 200	32	0	0	0	0	1	1	2	3	4	5
1 201 – 3 200	50	0	0	0	1	1	2	3	4	6	7
3 201 – 10 000	80	0	1	1	1	2	3	4	6	9	11
10 001 – 25 000	125	0	1	2	2	3	4	6	8	12	14
25 001 – 35 000	200	1	1	2	3	4	6	8	12	18	22
35 001 – 150 000	315	1	2	3	4	6	8	12	18	27	33
150 001 – 500 000	500	1	3	5	6	9	12	18	27	44	55
> 500 000	800	2	4	6	9	13	17	27	41	63	77

Basic sampling table for qualitative testing/reduced sample size (Acceptance probability 95 %)

## 7. Basic scheme for defect evaluation and weighting of defects

## Basic scheme for defect evaluation and weighting of defects

Classification of defect	Effect of defects	Defect class	Consequence
Critical defect (CD)	<p>Critical defects are defects whose presence can have critical consequences, e.g. they can</p> <ul style="list-style-type: none"> <li>• endanger human life and health</li> <li>• or contravene legal requirements</li> <li>• or lead to destruction or alteration of filling material</li> <li>• or seriously impair the reliability of storage</li> <li>• or seriously impaired the efficiency of production tools, filling and packaging equipment</li> </ul>	1	Packaging material not usable
Major defect (MD)	<p>Major defects are defects whose presence can lead to considerable impairment, e.g.</p> <ul style="list-style-type: none"> <li>• inefficient function and so to deficiency of the packaging material/pack</li> <li>• or result in complaints by the user</li> <li>• or lead to reduced efficiency in production</li> <li>• or impair efficiency of production tools and filling and packaging equipment</li> </ul>	2A  2B	Usability of packaging material markedly impaired  Usability of packaging material moderately impaired
Minor defect (MinD)	<p>Minor defects are defects whose presence does not have any serious consequences, i.e. they</p> <ul style="list-style-type: none"> <li>• represent a reduction in general quality</li> </ul>	3	Usability of packaging material slightly impaired

In accordance with the definitions of the DGQ Memo 11-04 (DGQ = German Society for Quality) and the MIL STD 105 E (MIL STD = Military Standard).