



ANSI/ASQ Z 1.4.2003  
 Equivalent of MIL - STD 105 E, ISO 2859, BS 6001,  
 ABC- 105, NFX 06-022, DIN 40.080, UNI 48-42  
 SAMPLE SIZE CODE LETTERS

Lot or Batch Size			Special inspection levels				General inspection levels		
			S-1	S-2	S-3	S-4	I	II	III
2	to	8	A	A	A	A	A	A	B
9	to	15	A	A	A	A	A	B	C
16	to	25	A	A	B	B	B	C	D
26	to	50	A	B	B	C	C	D	E
51	to	90	B	B	C	C	C	E	F
91	to	150	B	B	C	D	D	F	G
151	to	280	B	C	D	E	E	G	H
281	to	500	B	C	D	E	F	H	J
501	to	1200	C	C	E	F	G	J	K
1201	to	3200	C	D	E	G	H	K	L
3201	to	10000	C	D	F	G	J	L	M
10001	to	35000	C	D	F	H	K	M	N
35001	to	150000	D	E	G	J	L	N	P
150001	to	500000	D	E	G	J	M	P	Q
500001	and	Over	D	E	H	K	N	Q	R

### SINGLE SAMPLING PLANS FOR NORMAL INSPECTION

Sample size code letter	Sample size	Acceptance Quality Limits (normal inspection)										
		0.065	0.10	0.15	0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5
		Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A	2											
B	3											
C	5											
D	8											
E	13											
F	20											
G	32											
H	50											
J	80											
K	125											
L	200											
M	315											
N	500											
P	800											
Q	1250											
R	2000											

↓ = Use first sampling plan below arrow. if sample size equals or exceeds lot or batch size, do 100% inspection.

↑ = Use first sampling plan below arrow.

Ac = Acceptance number

Re = Rejection number

### ANSI/ASQ Z1.4 Double Sampling/Normal inspection

Code letter	Sample	Sample size	Total Sample size	Acceptance Quality Limits (normal inspection)													
				0.25	0.40	0.65	1.0	1.5	2.5	4.0	6.5	10	15	25	40	65	
				Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re
A																	
B	First	2	2														
B	Second	2	4														
C	First	3	3														
C	Second	3	6														
D	First	5	5														
D	Second	5	10														
E	First	8	8														
E	Second	8	16														
F	First	13	13														
F	Second	13	26														
G	First	20	20														
G	Second	20	40														
H	First	32	32														
H	Second	32	64														
J	First	50	50														
J	Second	50	100														
K	First	80	80														
K	Second	80	160														
L	First	125	125														
L	Second	125	250														
M	First	200	200														
M	Second	200	400														
N	First	315	315														
N	Second	315	630														
P	First	500	500														
P	Second	500	1000														
Q	First	800	800														
Q	Second	800	1600														
R	First	1250	1250														
R	Second	1250	2500														

▼ = Use first sampling plan below arrow

Ac = Acceptance number

▲ = Use first sampling plan above arrow.

Re = Rejection number

■ = Use corresponding single sampling plan

● = Use corresponding single sampling plan or double sampling plan below