

FACTORS USED IN \bar{x} CHARTS

Sample size n	Warning factor $A'_{0.025}$	Action factor $A'_{0.001}$
2	1.229	1.937
3	0.668	1.054
4	0.476	0.750
5	0.377	0.594
6	0.316	0.498
7	0.274	0.432
8	0.244	0.384
9	0.220	0.347
10	0.202	0.317

TABLE 1

FACTORS USED IN w CHARTS (Range)

Sample size n	Upper action factor $D'_{0.999}$	Upper warning factor $D'_{0.975}$ *	Lower warning factor $D'_{0.025}$	Lower action factor $D'_{0.001}$
2	4.12	2.81	0.04	0.00
3	2.98	2.17	0.18	0.04
4	2.57	1.93	0.29	0.10
5	2.34	1.81	0.37	0.16
6	2.21	1.72	0.42	0.21
7	2.11	1.66	0.46	0.26
8	2.04	1.62	0.50	0.29
9	1.99	1.58	0.52	0.32
10	1.93	1.56	0.54	0.35

TABLE 2 The two control lines used in Range charts

* Normally taken as the action limit itself and only that line is used.

FACTORS USED TO CALCULATE \bar{c} ($=\frac{\bar{w}}{d_n}$)

TABLE 3

n	2	3	4	5	6
d_n	1.13	1.69	2.06	2.33	2.53

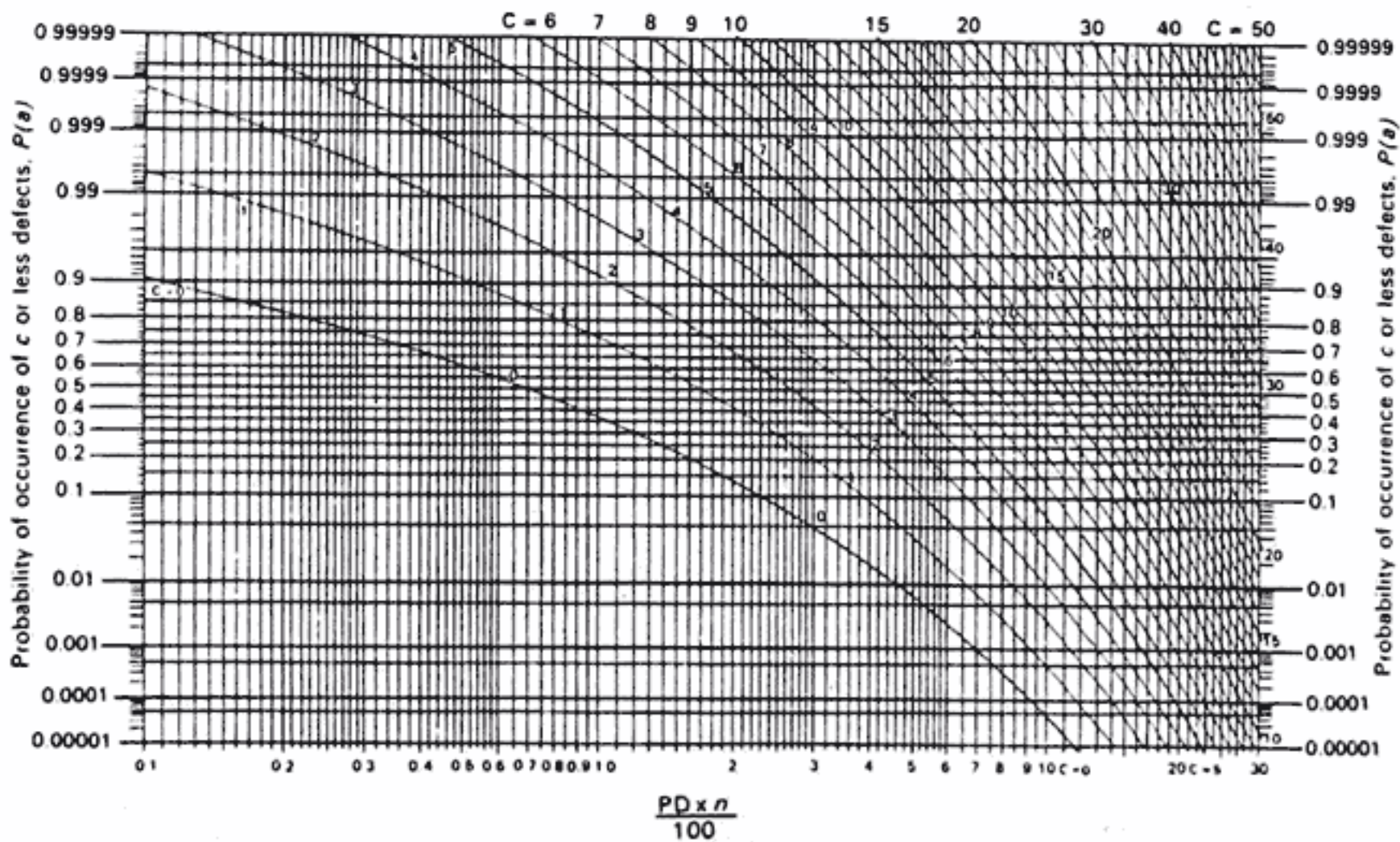


Figure 1. Thorndike chart [Adapted by permission, H. F. Dodge and H. G. Romig, *Sampling Inspection Tables*, Wiley, London, 1959]