

✓ Determinação do tamanho amostral e do valor crítico para o teste de $H_0: C_p = C_{p0}$

■ **TABLE 8.4**

Sample Size and Critical Value Determination for Testing $H_0: C_p = C_{p0}$

Sample Size, n	(a)		(b)	
	$\alpha = \beta = 0.10$		$\alpha = \beta = 0.05$	
	$C_p(\text{High})/$ $C_p(\text{Low})$	$C/C_p(\text{Low})$	$C_p(\text{High})/$ $C_p(\text{Low})$	$C/C_p(\text{Low})$
10	1.88	1.27	2.26	1.37
20	1.53	1.20	1.73	1.26
30	1.41	1.16	1.55	1.21
40	1.34	1.14	1.46	1.18
50	1.30	1.13	1.40	1.16
60	1.27	1.11	1.36	1.15
70	1.25	1.10	1.33	1.14
80	1.23	1.10	1.30	1.13
90	1.21	1.10	1.28	1.12
100	1.20	1.09	1.26	1.11

Source: Adapted from Kane (1986), with permission of the American Society for Quality Control.