

Specification: NIST HB105-1 (1990) Class F Tolerances for Field Standard Weights: Tables 2, 3, 4, & 5 respectively

Ace Scale Company Cert No. 15825

Nominal Value	Units	Standard Serial/ID	Conventional Mass Correction As Found	Correction If Adjusted	± Tolerance NIST Class F	± Measurement Uncertainty	Uncertainty k factor ¹	Effective Degrees of Freedom ²
250 kg		U483	5.6 g		20 g	2.6 g	2.05	54
250 kg		U481	-2.0 g		20 g	2.6 g	2.05	54
250 kg		U480	11.0 g		20 g	2.6 g	2.05	54
250 kg		U478	12.2 g		20 g	2.6 g	2.05	54
50 lb			0.22 g		2.3 g	0.29 g	2.01	261
50 lb		VDS-250	-0.73 g		2.3 g	0.29 g	2.01	261
50 lb		ACE-C51	-1.30 g	0.07 g	2.3 g	0.29 g	2.01	261
50 lb		ACE-C77	-1.36 g	0.15 g	2.3 g	0.29 g	2.01	261
50 lb		ACE-C9	0.80 g		2.3 g	0.29 g	2.01	261
50 lb		3BUB	-0.92 g		2.3 g	0.29 g	2.01	261
50 lb		17	-1.47 g	-0.05 g	2.3 g	0.29 g	2.01	261
50 lb		ACME-C78	-0.64 g		2.3 g	0.29 g	2.01	261
50 lb		3	6.27 g	0.81 g	2.3 g	0.29 g	2.01	261
50 lb		16	-0.01 g		2.3 g	0.29 g	2.01	261
50 lb		CA 0687	-0.59 g		2.3 g	0.29 g	2.01	261
50 lb			1.14 g		2.3 g	0.29 g	2.01	261
50 lb		ACE-C56	-1.75 g	-0.33 g	2.3 g	0.29 g	2.01	261
50 lb		4DMX	3.85 g	0.03 g	2.3 g	0.29 g	2.01	261
50 lb		1	-1.21 g	0.03 g	2.3 g	0.29 g	2.01	261
50 lb		ACE-C17	-0.67 g		2.3 g	0.29 g	2.01	261
50 lb		11246	-1.11 g		2.3 g	0.29 g	2.01	261
50 lb		11301	0.80 g		2.3 g	0.29 g	2.01	261
50 lb		3BU5	1.66 g		2.3 g	0.29 g	2.01	261
50 lb			-2.11 g	0.75 g	2.3 g	0.29 g	2.01	261
50 lb		3BTL	0.09 g		2.3 g	0.29 g	2.01	261
50 lb		ACME-C61	-0.21 g		2.3 g	0.29 g	2.01	261
50 lb		A503	0.48 g		2.3 g	0.29 g	2.01	261
50 lb		ACME-C3	0.06 g		2.3 g	0.29 g	2.01	261
50 lb		89043	-1.05 g		2.3 g	0.29 g	2.01	261
50 lb		3BTV	0.00 g		2.3 g	0.29 g	2.01	261
50 lb		X610	0.76 g		2.3 g	0.29 g	2.01	261
50 lb		ACME-C67	0.07 g		2.3 g	0.29 g	2.01	261
50 lb		A544	0.00 g		2.3 g	0.29 g	2.01	261
50 lb		ACME080	0.10 g		2.3 g	0.29 g	2.01	261
25 lb		ACS1	-3.61 g	0.88 g	1.1 g	0.13 g	2.02	129
20 kg		97	7.77 g	-0.03 g	2 g	0.26 g	2.01	279
20 kg		64	0.23 g		2 g	0.26 g	2.01	279
20 kg		59	4.58 g	0.00 g	2 g	0.26 g	2.01	279
20 kg		69	0.78 g		2 g	0.26 g	2.01	279
20 kg		72	1.09 g		2 g	0.26 g	2.01	279
20 kg		78	3.13 g	0.15 g	2 g	0.26 g	2.01	279
20 kg		94	3.93 g	-0.11 g	2 g	0.26 g	2.01	279
20 kg		83	1.66 g		2 g	0.26 g	2.01	279
20 kg		81	4.48 g	0.44 g	2 g	0.26 g	2.01	279

Weight
USED