

Wire weights for calibration

Class: E1

Weights intended to ensure traceability between the national weight standards (the values of which are derived from the International Prototype of the Kilogram) and E2 class weights and lower.

These are also used for microbalances.. The Class E1 weights or weight sets are always accompanied by a calibration certificate.



Driehoekige vorm Triangular shape Dreieckige Form	Vierkante vorm Square shape Quadratische Form	Dubbele vierkante vorm* Doubled square shape* Doppelte quadratische Form*	Vijfhoekige vorm Pentagonal shape Fünfeckige Form

Triangular Square Double square* Pentagonal

* A fold of 2 mm to 45 ° is achieved on the double square shape (segment b).



	Nominal value	a	b	wire Ø	MPE** in mg
	1 mg	4,5	6,5	0,1	3
	2 mg	4,2	6,3	0,13	3
	2 mg	4,2	6,3	0,13	3
	5 mg	3,8	5,5	0,2	3
	10 mg	5,2	7,8	0,3	3
	20 mg	4,6	6,7	0,4	3
	20 mg	4,6	6,7	0,4	3
	50 mg	3,9	5,4	0,6	4
	100 mg	7,4	9,7	0,8	5
	200 mg	8	9,8	1,0	6
	200 mg	8	9,8	1,0	6
	500 mg	8,3	10,5	1,35	8

** MPE = Maximum Permissible Error (tolerance)



Wire weights for calibration

Class: E2

Weights intended for use in the verification or calibration of Class F1 weights and for use with weighing instruments of special accuracy class I.

The Class E2 weights or weight sets are always accompanied by a calibration certificate.



Driehoekige vorm Triangular shape Dreieckige Form	Vierkante vorm Square shape Quadratische Form	Dubbele vierkante vorm* Doubled square shape* Doppelte quadratische Form*	Vijfhoekige vorm Pentagonal shape Fünfeckige Form

Triangular Square Double square* Pentagonal

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	1 mg	4,5	6,5	0,1	6
	2 mg	4,2	6,3	0,13	6
	2 mg	4,2	6,3	0,13	6
	5 mg	3,8	5,5	0,2	6
	10 mg	5,2	7,8	0,3	8
	20 mg	4,6	6,7	0,4	10
	20 mg	4,6	6,7	0,4	10
	50 mg	3,9	5,4	0,6	12
	100 mg	7,4	9,7	0,8	16
	200 mg	8	9,8	1,0	20
	200 mg	8	9,8	1,0	20
	500 mg	8,3	10,5	1,35	25

** MPE = Maximum Permissible Error (tolerance)

