

Test Weights and Boxes

Class M1



Milligram weights,
flat polygonal sheet



Individual weights/weight sets,
knob shape, finely turned
stainless steel



Hook weights, finely turned
stainless steel



Slotted weights, finely turned
stainless steel



Plastic box, for individual
weights ≤ 200 g, for hook
weights and slotted weights
 ≤ 50 g



Plastic box, lined, for
individual weights ≥ 500 g,
for hook weights and
slotted weights ≥ 100 g



Aluminium protected box,
lined, for individual weights



Wooden box, not lined,
for individual weights ≤ 500 g



Wooden box, not lined,
for individual weights ≥ 1 kg



Milligram weight
set in plastic case
(348-22)



Milligram weight
set in aluminium
protected case,
lined (348-226)



Plastic case, lined, for weight sets,
knob shape, finely turned
stainless steel



Aluminium protected case, lined,
for weight sets, knob shape,
finely turned stainless steel



Wooden case, for weight sets,
knob shape, finely turned
stainless steel



Test weights (10 – 50 kg), finely turned
stainless steel KERN 347-141 ff,
optional: Wooden box



Beam bars, aluminium or
stainless steel






Block weights, lacquered cast iron/stainless steel glass bead blasted,
optional: Aluminium protected box, lined






Class M1 · Milligram weights, flat polygonal sheet

Test weight material: stainless steel

Weight	Tol +/- mg	Milligram weight, flat polygonal sheet		Plastic box		Aluminium protected box		Wooden box		DAkkS certificate	
		KERN	€	KERN 	€	KERN 	€	KERN 	€	KERN	€
1 mg	0,20	348-01	5,10	347-009-400	2,-	317-009-600	14,-	338-090-200	34,-	962-651	17,-
2 mg	0,20	348-02	5,10	347-009-400	2,-	317-009-600	14,-	338-090-200	34,-	962-652	17,-
5 mg	0,20	348-03	5,10	347-009-400	2,-	317-009-600	14,-	338-090-200	34,-	962-653	17,-
10 mg	0,25	348-04	5,10	347-009-400	2,-	317-009-600	14,-	338-090-200	34,-	962-654	17,-
20 mg	0,30	348-05	5,10	347-009-400	2,-	317-009-600	14,-	338-090-200	34,-	962-655	17,-
50 mg	0,40	348-06	5,10	347-009-400	2,-	317-009-600	14,-	338-090-200	34,-	962-656	17,-
100 mg	0,50	348-07	5,10	347-009-400	2,-	317-009-600	14,-	338-090-200	34,-	962-657	17,-
200 mg	0,60	348-08	5,10	347-009-400	2,-	317-009-600	14,-	338-090-200	34,-	962-658	17,-
500 mg	0,80	348-09	5,10	347-009-400	2,-	317-009-600	14,-	338-090-200	34,-	962-659	17,-


Class M1 · Individual weights, knob shape

Test weights material: stainless steel

Weight	Tol +/- mg	Individual weight		Plastic box		Aluminium protected box		Wooden box		DAkkS certificate	
		KERN	€	KERN 	€	KERN 	€	KERN 	€	KERN	€
1 g	1,0	347-01	8,40	347-030-400	2,-	317-010-600	14,-	337-010-200	21,-	962-631	17,-
2 g	1,2	347-02	8,80	347-030-400	2,-	317-020-600	17,-	337-020-200	17,-	962-632	17,-
5 g	1,6	347-03	8,90	347-030-400	2,-	317-030-600	15,-	337-030-200	18,-	962-633	17,-
10 g	2,0	347-04	9,60	347-050-400	2,-	317-040-600	15,-	337-040-200	18,-	962-634	17,-
20 g	2,5	347-05	15,-	347-050-400	2,-	317-050-600	15,-	337-050-200	18,-	962-635	17,-
50 g	3,0	347-06	16,-	347-070-400	2,-	317-060-600	14,-	337-060-200	20,-	962-636	17,-
100 g	5,0	347-07	19,-	347-070-400	2,-	317-070-600	14,-	337-070-200	24,-	962-637	19,-
200 g	10	347-08	24,-	347-080-400	2,10	317-080-600	14,-	337-080-200	25,-	962-638	19,-
500 g	25	347-09	37,-	347-090-400	3,-	317-090-600	19,-	337-090-200	29,-	962-639	19,-
1 kg	50	347-11	60,-	347-110-400	3,80	317-110-600	27,-	337-110-200	43,-	962-641	19,-
2 kg	100	347-12	100,-	347-120-400	5,-	317-120-600	32,-	337-120-200	47,-	962-642	19,-
5 kg	250	347-13	220,-	347-130-400	11,-	317-130-600	53,-	337-130-200	92,-	962-643	20,-
10 kg	500	347-14	420,-	347-140-400	16,-	317-140-600	75,-	337-140-200	93,-	962-644	20,-


Class M1 · Block weights

Block weight material: lacquered cast iron, surface and edges machined or unmachined (ECO)

Weight	Tol +/- g	Block weight		ECO Block weight		Aluminium protected box		DAkkS certificate	
		KERN	€	KERN	€	KERN 	€	KERN	€
5 kg	0,25	346-86	72,-	346-76	61,-	346-060-600	80,-	962-643	20,-
10 kg	0,50	346-87	125,-	346-77	97,-	346-070-600	104,-	962-644	20,-
20 kg	1,00	346-88	235,-	346-78	179,-	346-080-600	152,-	962-645	25,-
50 kg	2,50	346-89	530,-	346-79	455,-	346-090-600	171,-	962-646	28,-

Class M1 · Block weights

Block weight material: stainless steel glass bead blasted


Weight	Tol +/- g	Block weight		Aluminium protected box		DAkkS certificate	
		KERN	€	KERN 	€	KERN	€
5 kg	0,25	346-06	455,-	346-060-600	80,-	962-643	20,-
10 kg	0,50	346-07	590,-	346-070-600	104,-	962-644	20,-
20 kg	1,00	346-08	820,-	346-080-600	152,-	962-645	25,-
50 kg	2,50	346-09	2090,-	346-090-600	171,-	962-646	28,-

Bestel via e-mail naar metil@rycobel.com of online via www.metil-industrie.com

Meer informatie: +32 56 78 21 70 (Algemeen), 0800 665 52 22 (Nederland), +33 (0)3 28 40 22 17 (Frankrijk), +49 221 27 799 971 (Duitsland)

Class M1 · Test weights, stackable

Test weight material: finely turned stainless steel

Weight	Tol +/- g	Test weight		Wooden box		DAkkS certificate	
		KERN	€	KERN		€	KERN
10 kg	0,5	347-141	640,-	337-141-200	360,-	962-644	20,-
20 kg	1,0	347-151	810,-	337-151-200	390,-	962-645	25,-
50 kg	2,5	347-161	2050,-	337-161-200	610,-	962-646	28,-

Class M1 · Heavy duty weights, stackable

Heavy duty weight material: lacquered cast iron

Designed to be lifted with forklift trucks or cranes, delivery time is approx. 6-8 weeks

Dimensions: see internet




Weight	Tol +/- g	Heavy duty weight		DAkkS certificate	
		KERN	€	KERN	€
100 kg	5	346-81	1920,-	962-691	74,-
200 kg	10	346-82	2930,-	962-692	74,-
500 kg	25	346-83	5310,-	962-693	74,-
1000 kg	50	346-84	7550,-	962-694	161,-
2000 kg	100	346-85	14000,-	962-695	295,-

Note

We also offer a large range of heavy-duty weights in other materials, (e.g. stainless steel) and in other forms (e.g. discs) or individual weight containers, please ask for details.

Class M1 · Weight sets, knob shape

Test weight material: Milligram weights stainless steel, individual weights finely turned stainless steel

Weight	Knob shape, in plastic case		Knob shape, in aluminium protected case		Knob shape, in wooden case		DAkkS certificate	
	KERN	 €	KERN	 €	KERN	 €	KERN	€
1 mg - 500 mg	348-22	95,-	348-226	159,-	-	-	962-650	74,-
1 mg - 50 g	343-024	285,-	343-026	245,-	343-02	225,-	962-601	125,-
1 mg - 100 g	343-034	305,-	343-036	265,-	343-03	245,-	962-602	131,-
1 mg - 200 g	343-044	350,-	343-046	315,-	343-04	295,-	962-603	148,-
1 mg - 500 g	343-054	390,-	343-056	350,-	343-05	375,-	962-604	154,-
1 mg - 1 kg	343-064	550,-	343-066	450,-	343-06	550,-	962-605	162,-
1 mg - 2 kg	343-074	730,-	343-076	680,-	343-07	740,-	962-606	178,-
1 mg - 5 kg	343-084	920,-	343-086	920,-	343-08	1040,-	962-607	189,-
1 mg - 10 kg	-	-	343-096	1350,-	343-09	1480,-	962-608	197,-
1 g - 50 g	344-024	198,-	344-026	172,-	344-02	153,-	962-615	49,-
1 g - 100 g	344-034	215,-	344-036	191,-	344-03	176,-	962-616	58,-
1 g - 200 g	344-044	265,-	344-046	240,-	344-04	220,-	962-617	71,-
1 g - 500 g	344-054	305,-	344-056	280,-	344-05	295,-	962-618	80,-
1 g - 1 kg	344-064	460,-	344-066	375,-	344-06	435,-	962-619	87,-
1 g - 2 kg	344-074	650,-	344-076	610,-	344-07	640,-	962-620	105,-
1 g - 5 kg	344-084	840,-	344-086	860,-	344-08	930,-	962-621	113,-
1 g - 10 kg	-	-	344-096	1300,-	344-09	1310,-	962-622	122,-

Class M1 · Hook weights

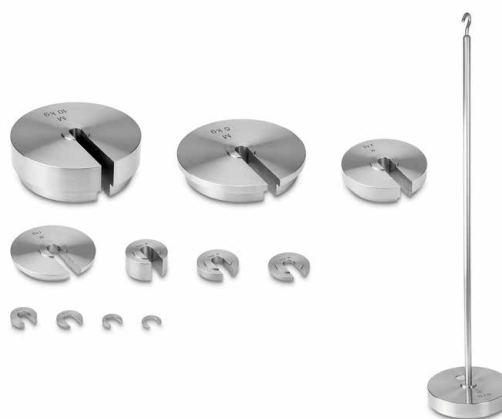
Hook weight material: finely turned stainless steel

Weight	Tol +/- mg	Hook weight		Plastic box, lined		DAkkS certificate	
		KERN	€	KERN	€	KERN	€
1 g	1,0	347-016	26,-	347-030-400	2,-	962-631	17,-
2 g	1,2	347-026	26,-	347-030-400	2,-	962-632	17,-
5 g	1,6	347-036	27,-	347-030-400	2,-	962-633	17,-
10 g	2,0	347-046	27,-	347-050-400	2,-	962-634	17,-
20 g	2,5	347-056	28,-	347-050-400	2,-	962-635	17,-
50 g	3,0	347-066	33,-	347-070-400	2,-	962-636	17,-
100 g	5,0	347-076	37,-	347-090-400	3,-	962-637	19,-
200 g	10,0	347-086	46,-	347-090-400	3,-	962-638	19,-
500 g	25,0	347-096	80,-	347-110-400	3,80	962-639	19,-
1 kg	50,0	347-116	103,-	347-120-400	5,-	962-641	19,-
2 kg	100,0	347-126	168,-	347-130-400	11,-	962-642	20,-
5 kg	250,0	347-136	295,-	347-140-400	16,-	962-643	20,-
10 kg	500,0	347-146	485,-	-	-	962-644	20,-

Class M1 · Slotted weights

Slotted weight material: finely turned stainless steel (only compatible with the 347-...7-100 series supporting bars)

Weight	Tol +/- mg	Slotted weight		DAkkS certificate	
		KERN	€	KERN	€
5 g	1,6	347-037	27,-	962-633	17,-
10 g	2,0	347-047	29,-	962-634	17,-
20 g	2,5	347-057	31,-	962-635	17,-
50 g	3,0	347-067	36,-	962-636	17,-
100 g	5,0	347-077	63,-	962-637	19,-
200 g	10	347-087	70,-	962-638	19,-
500 g	25	347-097	79,-	962-639	19,-
1 kg	50	347-117	170,-	962-641	19,-
2 kg	100	347-127	200,-	962-642	20,-
5 kg	250	347-137	385,-	962-643	20,-
10 kg	500	347-147	480,-	962-644	20,-



Class M1 · Beam bars, for fixing slotted weights

Beam bars material: 10 g: aluminium, 100 g-1 kg: finely turned stainless steel (only compatible with the 347-...7 series supporting bars)

Own weight beam bar	Maximum total load ⁽¹⁾	Largest slotted weight possible	Material	Length	Tol +/- mg	Beam bar		DAkkS certificate	
						KERN	€	KERN	€
1 kg	161 kg	10 kg	Stainless steel	300 mm	50	347-117-100	35,-	962-641	19,-
5 kg	125 kg	10 kg	Stainless steel	600 mm	250	347-137-100	405,-	962-643	20,-
10 kg	180 kg	10 kg	Stainless steel	800 mm	500	347-147-100	530,-	962-644	20,-

⁽¹⁾ is exclusive of the own weight of the beam bar, e.g. the maximum possible total weight is calculated from "Maximum total load" + "own weight beam bar"

Newton weights (N)

All hook and slotted weights as well as beam bars are available with N adjustment according to **M1 tolerances**, additional price € 8,-/pc.

We need to know the exact location of use of the newton weights (street, postcode, city and country).

DAkkS calibration certificate for N weights: identical to DAkkS prices for individual weights M1, additional price € 8,-

Class M1 · Slotted weights

Slotted weight material: finely turned stainless steel

Weight	Tol +/- mg	Slotted weight		Plastic box, lined		DAkkS certificate	
		KERN	€	KERN	€	KERN	€
1 g	1,0	347-015	28,-	347-030-400	2,-	962-631	17,-
2 g	1,2	347-025	28,-	347-030-400	2,-	962-632	17,-
5 g	1,6	347-035	30,-	347-030-400	2,-	962-633	17,-
10 g	2,0	347-045	33,-	347-030-400	2,-	962-634	17,-
20 g	2,5	347-055	35,-	347-080-400	2,10	962-635	17,-
50 g	3,0	347-065	37,-	347-080-400	2,10	962-636	17,-
100 g	5,0	347-075	43,-	347-090-400	3,-	962-637	19,-
200 g	10	347-085	53,-	347-090-400	3,-	962-638	19,-
500 g	25	347-095	73,-	347-110-400	3,80	962-639	19,-
1 kg	50	347-115	130,-	347-130-400	11,-	962-641	19,-
2 kg	100	347-125	161,-	347-130-400	11,-	962-642	20,-
5 kg	250	347-135	290,-	347-140-400	16,-	962-643	20,-
10 kg	500	347-145	430,-	347-140-400	16,-	962-644	20,-

Class M1 · Beam bars, for fixing slotted weights

Beam bars material: 10 g: aluminium, 100 g-1 kg: finely turned stainless steel

Own weight beam bar	Maximum total load ⁽¹⁾	Largest slotted weight possible	Material	Length	Beam bar		DAkkS certificate	
					KERN	€	KERN	€
10 g	200 g	100 g	Aluminium	117,5	347-445-100*	56,-	962-634	17,-
100 g	2 kg	1 kg	Stainless steel	238	347-075-100**	77,-	962-637	19,-
500 g	20 kg	10 kg	Stainless steel	639	347-095-100***	127,-	962-639	19,-
1 kg	40 kg	10 kg	Stainless steel	1020	347-115-100***	160,-	962-641	19,-

⁽¹⁾ is exclusive of the own weight of the beam bar, e.g. the maximum possible total weight is calculated from "Maximum total load" + "own weight beam bar"

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