

TEST WEIGHTS

Laboratory | Industry | Food Industry



PROFESSIONAL MEASURING

PROFESSIONAL MEASURING

2025

KERN Pictograms

CAL INT **Internal adjusting**
Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)

CAL EXT **Adjusting program CAL**
For quick setting up of the balance's accuracy. External adjusting weight required

ET **EasyTouch**
Suitable for the connection, data transmission and control through PC or tablet

MEMORY **Memory**
Balance memory capacity, e.g. for internal data, weighing data, tare weights, PLU etc.

ALIBI **Alibi memory**
Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard.

KUP **KERN Universal Port (KUP)**
allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WIFI, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort

RS 232 **RS-232 Data interface**
To connect the balance to a printer, PC or network

RS 485 **RS-485 Data interface**
To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible

USB **USB Data interface**
To connect the balance to a printer, PC or other peripherals

BT **Bluetooth® Data interface**
To transfer data from the balance to a printer, PC or other peripherals

WIFI **WIFI Data interface**
To transfer data from the balance to a printer, PC or other peripherals

SWITCH **Control outputs**
(optocoupler, digital I/O)
To connect relays, signal lamps, valves, etc.

ANALOG **Analogue interface**
to connect a suitable peripheral device for analogue processing of the measurements

DUAL **Interface for second balance**
For direct connection of a second balance

LAN **Network interface**
For connecting the scale to an Ethernet network

KCP PROTOCOL **KERN Communication Protocol (KCP)**
It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems

GLP INTERN **GLP/ISO log intern**
The balance displays weight, date and time, independent of a printer connection

GLP PRINTER **GLP/ISO log Printer**
With weight, date and time. Only with KERN printers.

PCS **Piece counting**
Reference quantities selectable. Display can be switched from piece to weight

RECIPE A **Recipe level A**
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out

RECIPE B **Recipe level B**
Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display

SUM A **Totalising level A**
The weights of similar items can be added together and the total can be printed out

PERCENT **Percentage determination**
Determining the deviation in % from the target value (100 %)

UNIT **Weighing units**
Can be switched to e.g. nonmetric units. See balance model. Please refer to KERN's website for more details

TOL **Weighing with tolerance range (Checkweighing)**
Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model

MOVE **Hold function**
(Animal weighing program)
When the weighing conditions are unstable, a stable weight is calculated as an average value

IP **Protection against dust and water splashes IPxx**
The type of protection is shown in the pictogram

UNDER **Suspended weighing**
Load support with hook on the underside of the balance

BATT **Battery operation**
Ready for battery operation. The battery type is specified for each device

ACCU **Rechargeable battery pack**
Rechargeable set

MULTI A **Universal plug-in power supply**
with universal input and optional input socket adapters for
A) EU, CH, GB
B) EU, CH, GB, US
C) EU, CH, GB, US, AUS

230 V **Plug-in power supply**
230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available

230 V **Integrated power supply unit**
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request

DMS **Weighing principle Strain gauges**
Electrical resistor on an elastic deforming body

T-FORK **Weighing principle Tuning fork**
A resonating body is electromagnetically excited, causing it to oscillate

FORCE **Weighing principle Electromagnetic force compensation**
Coil inside a permanent magnet. For the most accurate weighings

SC TECH **Weighing principle Single cell technology**
Advanced version of the force compensation principle with the highest level of precision

M +3 DAYS **Conformity Assessment**
The time required for conformity assessment is specified in the pictogram

DAkkS +3 DAYS **DAkkS calibration possible (DKD)**
The time required for DAkkS calibration is shown in days in the pictogram

ISO +4 DAYS **Factory calibration (ISO)**
The time required for Factory calibration is shown in days in the pictogram

1 DAY **Package shipment**
The time required for internal shipping preparations is shown in days in the pictogram

2 DAYS **Pallet shipment**
The time required for internal shipping preparations is shown in days in the pictogram

KERN Models A-Z

572	31
A	
ABP	50-51
ABP-A	52
ABT-NM	48
ACS / ACJ	46-47
ADB / ADJ	43
ADS / ADT <small>NEW</small>	49
ALS-A / ALJ-A	44-45
B	
BFC	120-121
BIC	117
BID	118-119
BXC <small>NEW</small>	122
C	
CB Q1 / CB Q2 / CB P1	156
CCA	90-91
CCS	92-93
CDS	89
CE Hx	134
CFS	86
CH	165
CIB	83
CJ P / CJ X	159
CKE	87
CO Y1 / CO Y2 / CO Y5	158
CP P4 / CP Y4 / CP P1 / CP Y1 / CP P3	153
CP P2 / CP P7 / CP P8	154
CR Q1 / CR P1 / CR Y1	155
CT Q1 / CT P1 / CT P2	157
CPB	85
CXB/CXB-NM	84
D	
DAB	54
DBS	55
DE	102-103
DLB	56
DS	111
E	
ECB-N / ECE-N	59
EFS	11
EHA	15
EMB	12
EMB-V	13
EMS	14
EOB	100
EOC	104-105
EOE	99
EOS	101
EW-N / EG-N	34
EWJ	30

F	
FCB	61
FCE-N	60
FCF	67
FES / FEJ	40
FFN	72
FGE	66
FKB	62
FOB-LM	68
FOB-S / FOB-NS	69
FOB / FOB-NL	70
FXN / FXN-M	73

H	
HCB	167
HCD	169
HCN	168
HDB-N / HDB-XL	166
HFA	170
HFC	171
HFD	172-173
HFM	174

I	
IFB	110
IFC	108-109
IFS	88
IOC	106-107
IXC	112-113

K	
KBP-V20 IP65	148
KDP	135
KFA-V20	150
KFB-TM	145
KFC-TM	146
KFD-V20	149
KFD-V40 IP68	151
KFN-TM	145
KFP-V20 IP65	148
KFP-V20 IP67	149
KFP-V30	150
KFP-V40 IP68	151
KFS-TM	144
KFU-V20	150
KFU-V30	150
KGP	132
KIB-TM	145
KIP-V20M	149
KXC-TM	147
KXP-V20 IP65	148

N	
NFC <small>NEW</small>	129
NIB	128
NXC <small>NEW</small>	130

P	
PBJ / PBS	37
PCB	26-27
PCD	24
PCJ	28-29
PDS / PDT	38-39
PEJ / PES	36
PFB	25
PLJ / PLS	32
PNS / PNJ	33
PWS	35

R	
RIB	78
RPB	79

S	
SCD-4.0	179
SCD-4.0-PRO	180
SFB / SFB-H	76
SFE	114
SXC	74-75

T	
TGC	9
TGD	9

U	
UFA	123
UFC <small>NEW</small>	126
UIB	124
UID	125
UXC <small>NEW</small>	127

V	
VHB	161

W	
WTB	71

Y	
YKV	133
YRO-01 / -02 / -03	185



KERN Quick-Finder

How I quickly find the product I am looking for

Ahead of each product group allows you to base the search for a certain target group on weighing data you need such as readout, weighing capacity and main features for each model.

And it's as simple as that – find the product you want in 2 steps:

1. Go to the product group index on page 3
2. Pick the appropriate product group and find the product you want using the Quick-Finder

Just lean back – we have just the right test weight for your measuring device

KERN offers you a large range of OIML test weights, which you can use at any time to quickly and reliably check your measuring instrument. From milligram weights to tonne weights, from the classic OIML design to special weights which are specifically manufactured to your specifications, we can offer you just the right test weight, and naturally the weights have the relevant DAkkS calibration certificate or factory calibration certificate.

On the following pages you will see a selection of standard test weights for OIML error limit classes E1, E2, F1, F2, M1, M2, M3. We will be happy to manufacture special (large) weights, weight containers, Newton weights or weights with special weight values for you on request. Our test weights product specialist will be happy to give you expert, comprehensive advice.

Note: In our webshop you can conveniently select test weights for your scale that have been calculated and matched to your safety requirements and intended use – with or without calibration. We will be happy to determine the minimum sample quantity according to USP Chapter <41> and recommend a KERN Safety Set especially designed for your scale.



PREMIUM⁺ TEST WEIGHTS

Note: Our highly-accurate OIML test weights are also available as **PREMIUM⁺ test weights** for that extra level of safety. Thanks to the most modern manufacturing technology, these test weights can also be adjusted within the specified error limit classes (= tolerances).

I.e. this means that these **PREMIUM⁺ test weights** have a significantly longer service life, thanks this guaranteed positive tolerance. This is of particular benefit with intensive use of the test weights.

For all the details on this **PREMIUM⁺ service** please see www.kern-lab.com/premium+ or look at the weight you want in our online shop at www.kern-sohn.com

Marking – never lose track again!

With the large variety of test equipment used then it is essential that they are identified accurately. We can help you with this and mark your test weights according to your ideas by etching, with impact numbers or laser engraved. Whether it's letters, numbers, your logo, barcodes or something else – it's your choice.

Our product specialist "Test weights" will gladly help you with any questions about this service, prices, etc.



SAFELY LOOKED AFTER

KERN weight boxes made of polyoxymethylene (“POM”) – for the most demanding requirements in highly-sensitive environments such as laboratories and clean rooms

You can rely on the highest quality and safety when storing your KERN test weights for clean room areas. KERN weight boxes made of polyoxymethylene (“POM”) are secure and easy to clean and are essential aids in clean rooms, laboratories or production environments because they protect your test weights perfectly and this enables consistently accurate and reliable measurements.

The robust construction means that there are no edges or padding which could collect dirt. This means that the boxes are particularly easy to clean hygienically.

For test weights in weight classes from E1 to M1, KERN clean room boxes offer further advantages in addition to protection, in order to meet the highest requirements in terms of cleanliness and absence of contamination. They do not require maintenance and are resistant to a range of cleaning products, acids, alkalis, disinfectants and solvents. They can also be cleaned in thermo disinfectors without any problems. In addition, repeated disinfection and cleaning ensures that they meet the highest standards of the clean room environment.

Please note: Our clean room boxes are also available in an antistatic version on request – for additional safety in hazardous areas.



All the advantages of KERN clean room boxes at a glance:

- extremely stable and robust
- can be fully disinfected
- easy to clean
- without padding or edges which could collect dirt
- maintenance-free and long-lasting
- for maximum safety and measurement results

NEW



Convenient screw thread without edges which could trap dirt – KERN clean room boxes in detail

New from KERN: The practical test weight trolley KERN 313-112-400

The KERN transport case is your essential companion for a professional appearance. It offers you direct access at all times to your full set of weights, so that you can work quickly and efficiently. With this case, you can not only increase your productivity, but also leave a lasting impression on your customers. Suitable for all weights in classes E1 – M1, see *Test weights*

NEW



→ Do you have any special requirements?

High-quality weight boxes e.g. on request we can also manufacture boxes for rectangular weights or complete weight sets to suit your individual requirements. We will be happy to advise you.



Product Specialist
Test Weights
Taras Mikitisin
Tel. +49 7433 9933-143
mikitisin@kern-sohn.com

Our KERN weight cases at a glance:

						
for individual weights Plastic box	for individual weights Aluminium protected box	for individual weights Wooden box, lined / unlined	for individual weights Polyoxymethylene boxes POM, unlined	for weight sets Plastic case	for weight sets Aluminium protected case	for weight sets Wooden case, lined / unlined

It's your choice!

To protect your test weights we can offer you an appropriate weight case. Choose the right box for your needs. You have the choice between plastic, aluminium protected, wood or polyoxymethylene. The available weight cases are shown as a symbol in the test weight tables on the following pages. This way you have all the materials, versions, sizes and prices at a glance, listed in a concise way.



On request only:
for weight sets
Clean room boxes POM (polyoxymethylene), unlined



It's so easy to order your suitable test weight



According to your safety requirements or the specifications of your QM system, you select the test weight with the appropriate weight value and the required tolerance.

We offer many test weights in different designs, giving you complete freedom to decide which test weights you want to use for your application. It goes without saying that all our test weights comply with the OIML R111:2004 directive.

To protect your high-quality test equipment, we offer you cases in various designs.

A DAkkS calibration certificate – the auditor's favourite! With this certificate you provide the standard-compliant proof of all important values of your test equipment and are on the safe side when operating and testing your measuring equipment.

Weight	Tol +/- mg	Individual weights, compact shape		Individual weights, knob shape		Plastic box		Aluminium protected box		Wooden box		DAkkS certificate	
		KERN	€	KERN	€	KERN	€	KERN	€	KERN	€	KERN	€
1 g	0,03	316-01	41,-	317-01	59,-	317-020-400	4,80	317-010-600	14,-	317-010-100	30,-	962-331	33,-
2 g	0,04	316-02	41,-	317-02	60,-	317-020-400	4,80	317-020-600	17,-	317-020-100	30,-	962-332	33,-
5 g	0,05	316-03	43,-	317-03	63,-	317-030-400	4,80	317-030-600	15,-	317-030-100	32,-	962-333	33,-
10 g	0,06	316-04	44,-	317-04	67,-	317-040-400	4,80	317-040-600	15,-	317-040-100	33,-	962-334	33,-
20 g	0,08	316-05	47,-	317-05	76,-	317-050-400	4,80	317-050-600	15,-	317-050-100	33,-	962-335	33,-
50 g	0,10	316-06	53,-	317-06	80,-	317-060-400	4,80	317-060-600	15,-	317-060-100	33,-	962-336	33,-

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	338-22	159,-	338-226	200,-	-	-	962-450	118,-
1 mg - 50 g	333-024	390,-	333-026	410,-	333-02	410,-	962-401	197,-
1 mg - 100 g	333-034	435,-	333-036	450,-	333-03	455,-	962-402	210,-
1 mg - 200 g	333-044	510,-	333-046	520,-	333-04	520,-	962-403	235,-
1 mg - 500 g	333-054	580,-	333-056	600,-	333-05	610,-	962-404	245,-
1 mg - 1 kg	333-064	730,-	333-066	750,-	333-06	760,-	962-405	255,-
1 mg - 2 kg	333-074	1030,-	333-076	-	-	-	-	-

Selection of the appropriate test weight for your balance

A balance can never be more accurate than the test weight that is used to adjust it, it all depends on its tolerance. **The accuracy of the test weight should correspond to the readout [d] of the balance, or rather be more precise.**

Nominal test weight value is shown in adjust mode "CAL" in the balance display. Given a choice, the heaviest weight is the most suitable for accurate measurement.

Once accuracy and nominal test weight value are specified, the suitable test weight is selected according to the tolerances "Tol" of the individual accuracy classes E2 – M3, see column "Tol ± mg" at the respective weight.

Example:






Balance with weighing range [Max] 2000 g = 2 kg and readout [d] = 0,01 g = 10 mg

- The accuracy of the required test weight is determined by readout [d]: max. tolerance ± 10 mg.
- Displayed weight size on "CAL" mode: 1000 g or 2000 g. The required test weight has a 2 kg weight size.
- Suitable test weights with ± 10 mg tolerance and 2 kg weight size, can be found in accuracy class F1. KERN-No 326-12 or KERN-No 327-12.

Exception: analytical balances (readout [d] ≤ 0,1 mg):

E1 test weights are recommended. Depending on the safety requirements, E2 test weights with a DAkkS calibration certificate will also be sufficient.

From finely turned to polished stainless steel – the right test weight for every situation

Test weight					
Features	→ Knob shape with lifting knob, polished stainless steel	Compact shape with carrying grip, polished stainless steel	Knob shape with lifting knob, polished stainless steel	ECO shape, polished stainless steel	Knob shape with lifting knob, finely turned stainless steel
Conforms to OIML:R111	↓ yes	yes	yes	yes	yes
Available classes	E1, E2	E2	F1	F1	F2, M1
Upper surface	polished	polished	polished	polished	finely turned
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Adjusting cavity	no	no	yes	yes, from 50 g, readjustment can only be carried out by KERN	yes, from 20 g
Marking (Milligram weights, generally none)	none	none	Nominal value, etched	Nominal value, etched	F2: Class + nominal value, etched; M1: Class + nominal value, adopted
Verification possible	yes (E2)	no	yes	no	yes (M1)
Checking equipment for verification purposes	approved (E2)	approved	approved	approved	approved (M1)
Ideal as checking equipment in QM systems (e.g. ISO 9000 ff)	yes	yes	yes	yes	yes
Benefits	<ul style="list-style-type: none"> • High-quality test weight for analytical and precision balances • Highly-refined surface • Ideal shape of the top for good grip 	<ul style="list-style-type: none"> • Affordable test weight for analytical and precision balances • Highly refined surface 	<ul style="list-style-type: none"> • Ideal, high-quality test weight for precision balances • No visible adjustment chamber • High long-term stability • Ideal shape of the top for good grip 	<ul style="list-style-type: none"> • Affordable test weight for analytical and precision balances • Highly refined surface • Optimum shape of the top for good grip 	<ul style="list-style-type: none"> • Ideal test weight for commercial and industrial scales • Ideal shape of the top for good grip

Composition table, valid for all KERN test weight sets from 1 mg

Individual weights per set	1	2	2	5	10	20	20	50	100	200	200	500	1	2	2	5	10					
Test weight set	mg												g					kg				
1 mg–500 mg	Σ = 1,11 g	-----																				
1 mg–50 g	Σ = 111,11 g	-----												-----								
1 mg–100 g	Σ = 211,11 g	-----												-----					-----			
1 mg–200 g	Σ = 611,11 g	-----												-----					-----			
1 mg–500 g	Σ = 1.111,11 g	-----												-----					-----			
1 mg–1 kg	Σ = 2.111,11 g	-----												-----					-----			
1 mg–2 kg	Σ = 6.111,11 g	-----												-----					-----			
1 mg–5 kg	Σ = 11.111,11 g	-----												-----					-----			
1 mg–10 kg	Σ = 21.111,11 g	-----												-----					-----			

The key points from the OIML norm R111:2004

OIML (Organisation Internationale de Métrologie Légale) has established the exact metrological requirements for weights in verified applications in approx. 100 states all over the world.

The OIML guideline R111 (2004 Edition) for weights relates to sizes 1 mg – 5000 kg. Statements are made on the accuracy, materials, geometric shape, marking and storage of the weights.

Error limits for weights of classes E1 to M3

The error limit classes are in fixed hierarchical levels in the proportion of 1:3, where E1 is the most accurate and M3 is the least accurate weight class. When testing weights with other weights, the correct test class is the next highest class.

Error limit classes (= tolerances)

The values given in the table below (tolerances ± ... mg) are the respective permitted fabrication tolerances.

They are to be equal to the

- ▶ **measuring uncertainty** of the weight, if no
- ▶ **DAkkS calibration certificate** is available.

Conventional mass

The problem is the air buoyancy, which makes the weight appear lighter. In order to avoid this “distortion” in daily use, all weights are adjusted to the unit specifications as given in R111, e.g. it is accepted that: material density of the weights is 8000 kg/m³, air density is 1.2 kg/m³ and measuring temperature is 20 °C.

KERN test weights:

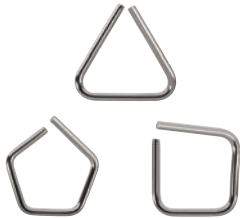
Unless otherwise specified, they conform to OIML R111:2004 in every detail.

▶ **See the Glossary**

Nominal value OIML R111:2004 Maximum permissible errors for weights = permissible tolerances “Tol ± mg”

↓	E1	E2	F1	F2	M1	M2	M3
1 mg	± 0,003 mg	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg	-	-
2 mg	± 0,003 mg	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg	-	-
5 mg	± 0,003 mg	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg	-	-
10 mg	± 0,003 mg	± 0,008 mg	± 0,025 mg	± 0,08 mg	± 0,25 mg	-	-
20 mg	± 0,003 mg	± 0,010 mg	± 0,03 mg	± 0,10 mg	± 0,3 mg	-	-
50 mg	± 0,004 mg	± 0,012 mg	± 0,04 mg	± 0,12 mg	± 0,4 mg	-	-
100 mg	± 0,005 mg	± 0,016 mg	± 0,05 mg	± 0,16 mg	± 0,5 mg	± 1,6 mg	-
200 mg	± 0,006 mg	± 0,020 mg	± 0,06 mg	± 0,20 mg	± 0,6 mg	± 2,0 mg	-
500 mg	± 0,008 mg	± 0,025 mg	± 0,08 mg	± 0,25 mg	± 0,8 mg	± 2,5 mg	-
1 g	± 0,010 mg	± 0,03 mg	± 0,10 mg	± 0,3 mg	± 1,0 mg	± 3,0 mg	± 10 mg
2 g	± 0,012 mg	± 0,04 mg	± 0,12 mg	± 0,4 mg	± 1,2 mg	± 4,0 mg	± 12 mg
5 g	± 0,016 mg	± 0,05 mg	± 0,16 mg	± 0,5 mg	± 1,6 mg	± 5,0 mg	± 16 mg
10 g	± 0,020 mg	± 0,06 mg	± 0,20 mg	± 0,6 mg	± 2,0 mg	± 6,0 mg	± 20 mg
20 g	± 0,025 mg	± 0,08 mg	± 0,25 mg	± 0,8 mg	± 2,5 mg	± 8,0 mg	± 25 mg
50 g	± 0,03 mg	± 0,10 mg	± 0,3 mg	± 1,0 mg	± 3,0 mg	± 10 mg	± 30 mg
100 g	± 0,05 mg	± 0,16 mg	± 0,5 mg	± 1,6 mg	± 5,0 mg	± 16 mg	± 50 mg
200 g	± 0,10 mg	± 0,3 mg	± 1,0 mg	± 3,0 mg	± 10 mg	± 30 mg	± 100 mg
500 g	± 0,25 mg	± 0,8 mg	± 2,5 mg	± 8,0 mg	± 25 mg	± 80 mg	± 250 mg
1 kg	± 0,5 mg	± 1,6 mg	± 5,0 mg	± 16 mg	± 50 mg	± 160 mg	± 500 mg
2 kg	± 1,0 mg	± 3,0 mg	± 10 mg	± 30 mg	± 100 mg	± 300 mg	± 1 000 mg
5 kg	± 2,5 mg	± 8,0 mg	± 25 mg	± 80 mg	± 250 mg	± 800 mg	± 2 500 mg
10 kg	± 5,0 mg	± 16 mg	± 50 mg	± 160 mg	± 500 mg	± 1 600 mg	± 5 000 mg
20 kg	± 10 mg	± 30 mg	± 100 mg	± 300 mg	± 1 000 mg	± 3 000 mg	± 10 g
50 kg	± 25 mg	± 80 mg	± 250 mg	± 800 mg	± 2 500 mg	± 8 000 mg	± 25 g
100 kg	-	± 160 mg	± 500 mg	± 1 600 mg	± 5 000 mg	± 16 g	± 50 g
200 kg	-	± 300 mg	± 1 000 mg	± 3 000 mg	± 10 g	± 30 g	± 100 g
500 kg	-	± 800 mg	± 2 500 mg	± 8 000 mg	± 25 g	± 80 g	± 250 g
1 000 kg	-	± 1 600 mg	± 5 000 mg	± 16 g	± 50 g	± 160 g	± 500 g
2 000 kg	-	-	± 10 g	± 30 g	± 100 g	± 300 g	± 1 000 g
5 000 kg	-	-	± 25 g	± 80 g	± 250 g	± 800 g	± 2 500 g

TEST WEIGHTS AND BOXES CLASS E1



Milligram weights, wire shape



Individual weights, knob shape



Wooden box, for milligram weights



Plastic box, lined,
for individual
weights ≤ 50 g



Plastic box, lined,
for individual
weights ≥ 100 g



Wooden box, lined,
for individual weights ≤ 500 g



Wooden box, lined,
for individual weights ≥ 1 kg



Milligram weight
set in plastic case
(308-42)



Milligram weight
set in aluminium
protected case,
lined (308-426)



Plastic case, lined, for weight sets,
compact shape/knob shape



Aluminium protected case, lined,
for weight sets, knob shape



Wooden case, lined,
for weight sets, knob shape



Class E1 · Milligram weights, wire shape

Test weight material: stainless steel

Weight	Tol +/- mg	Milligram weight, wire shape		Plastic box		Aluminium protected box		Wooden box		DAkkS certificate	
		KERN	€	KERN	€	KERN	€	KERN	€	KERN	€
1 mg	0,003	308-31	89,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-251	69,-
2 mg	0,003	308-32	89,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-252	69,-
5 mg	0,003	308-33	89,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-253	69,-
10 mg	0,003	308-34	89,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-254	69,-
20 mg	0,003	308-35	89,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-255	69,-
50 mg	0,004	308-36	89,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-256	69,-
100 mg	0,005	308-37	89,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-257	69,-
200 mg	0,006	308-38	89,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-258	69,-
500 mg	0,008	308-39	89,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-259	69,-

Class E1 · Individual weights, knob shape

Test weight material: stainless steel polished

Weight	Tol +/- mg	Individual weight, knob shape		Plastic box		Aluminium protected box		Wooden box		DAkkS certificate Initial calibration*		DAkkS certificate Recalibration	
		KERN	€	KERN	€	KERN	€	KERN	€	KERN	€	KERN	€
1 g	0,010	307-01	83,-	317-020-400	4,80	317-010-600	13,-	317-010-100	32,-	963-231	250,-	962-231 R	82,-
2 g	0,012	307-02	89,-	317-020-400	4,80	317-020-600	15,-	317-020-100	30,-	963-232	250,-	962-232 R	82,-
5 g	0,016	307-03	90,-	317-030-400	4,80	317-030-600	14,-	317-030-100	32,-	963-233	250,-	962-233 R	82,-
10 g	0,020	307-04	97,-	317-040-400	4,80	317-040-600	13,-	317-040-100	30,-	963-234	250,-	962-234 R	82,-
20 g	0,025	307-05	100,-	317-050-400	4,80	317-050-600	13,-	317-050-100	31,-	963-235	250,-	962-235 R	82,-
50 g	0,030	307-06	118,-	317-060-400	6,30	317-060-600	12,-	317-060-100	35,-	963-236	250,-	962-236 R	82,-
100 g	0,050	307-07	145,-	317-070-400	7,80	317-070-600	13,-	317-070-100	35,-	963-237	250,-	962-237 R	82,-
200 g	0,100	307-08	186,-	317-080-400	7,20	317-080-600	13,-	317-080-100	39,-	963-238	250,-	962-238 R	82,-
500 g	0,250	307-09	270,-	317-090-400	8,70	317-090-600	17,-	317-090-100	46,-	963-239	250,-	962-239 R	82,-
1 kg	0,500	307-11	395,-	317-110-400	10,-	317-110-600	25,-	317-110-100	61,-	963-241	250,-	962-241 R	82,-
2 kg	1,000	307-12	570,-	317-120-400	13,-	317-120-600	29,-	317-120-100	68,-	963-242	570,-	962-242 R	101,-
5 kg	2,500	307-13	1020,-	317-130-400	27,-	317-130-600	53,-	317-130-100	101,-	963-243	570,-	962-243 R	101,-
10 kg	5,000	307-14	1640,-	317-140-400	25,-	317-140-600	75,-	317-140-100	123,-	963-244	570,-	962-244 R	101,-
20 kg	10,000	307-15	4280,-	-	-	317-150-600	105,-	317-150-100	580,-	963-245	1320,-	962-245 R	760,-
50 kg	25,000	307-16	8190,-	-	-	317-160-600	305,-	317-160-100	710,-	963-246	1540,-	962-246 R	840,-

* For E1 weights > 1g at the point of DAkkS initial calibration, a volume determination will be carried out in accordance with OIML:R111. When recalibrating according to DAkkS, this is not required.

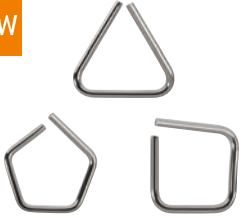
Class E1 · Weight sets, knob shape

Test weight material: stainless steel polished

Weight set	Knob shape in plastic case		Knob shape in aluminium protected case		Knob shape in wooden case		DAkkS certificate Initial calibration*		DAkkS certificate Recalibration	
	KERN	€	KERN	€	KERN	€	KERN	€	KERN	€
1 mg - 500 mg	308-42	1130,-	308-426	1380,-	-	-	962-250	450,-	962-250 R	530,-
1 mg - 50 g	303-024	1930,-	303-026	1830,-	303-02	1970,-	963-201	1440,-	962-201 R	890,-
1 mg - 100 g	303-034	2010,-	303-036	1980,-	303-03	2000,-	963-202	1570,-	962-202 R	900,-
1 mg - 200 g	303-044	2250,-	303-046	2270,-	303-04	2310,-	963-203	1800,-	962-203 R	990,-
1 mg - 500 g	303-054	2590,-	303-056	2610,-	303-05	2650,-	963-204	1920,-	962-204 R	1030,-
1 mg - 1 kg	303-064	3140,-	303-066	3260,-	303-06	3200,-	963-205	2040,-	962-205 R	1110,-
1 mg - 2 kg	303-074	4260,-	303-076	4370,-	303-07	4340,-	963-206	2660,-	962-206 R	1180,-
1 mg - 5 kg	303-084	5270,-	303-086	5660,-	303-08	5460,-	963-207	2980,-	962-207 R	1230,-
1 mg - 10 kg	-	-	303-096	6860,-	303-09	7170,-	963-208	3390,-	962-208 R	1270,-
1 g - 50 g	304-024	840,-	304-026	620,-	304-02	900,-	963-215	1040,-	962-215 R	385,-
1 g - 100 g	304-034	980,-	304-036	1130,-	304-03	1040,-	963-216	1130,-	962-216 R	420,-
1 g - 200 g	304-044	1350,-	304-046	1500,-	304-04	1410,-	963-217	1380,-	962-217 R	500,-
1 g - 500 g	304-054	1610,-	304-056	1780,-	304-05	1740,-	963-218	1500,-	962-218 R	550,-
1 g - 1 kg	304-064	2050,-	304-066	2130,-	304-06	2120,-	963-219	1650,-	962-219 R	590,-
1 g - 2 kg	304-074	3200,-	304-076	3330,-	304-07	3300,-	963-220	2310,-	962-220 R	680,-
1 g - 5 kg	304-084	4210,-	304-086	4620,-	304-08	4420,-	963-221	2700,-	962-221 R	700,-
1 g - 10 kg	-	-	304-096	5820,-	304-09	6120,-	963-222	3150,-	962-222 R	760,-

TEST WEIGHTS AND BOXES CLASS E2

NEW



Milligram weights, wire shape



Milligram weights, flat polygonal sheet



Individual weights, compact shape



Individual weights, knob shape



Plastic box, lined, for individual weights ≤ 50 g



Plastic box, lined, for individual weights ≥ 100 g



Aluminium protected box, lined, for individual weights



Wooden box, lined, for individual weights ≤ 500 g



Wooden box, lined, for individual weights ≥ 1 kg



Milligram weight set in plastic case (318-22)



Milligram weight set in aluminium protected case, lined (318-226)



Plastic case, lined, for weight sets, compact shape/knob shape



Aluminium protected case, lined, for weight sets, compact shape/knob shape



Wooden case, lined, for weight sets, compact shape/knob shape

NEW Class E2 · Milligram weights, wire shape

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	0,006	318-31	51,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-351	34,-
2 mg	0,006	318-32	51,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-352	34,-
5 mg	0,006	318-33	51,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-353	34,-
10 mg	0,008	318-34	51,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-354	34,-
20 mg	0,010	318-35	51,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-355	34,-
50 mg	0,012	318-36	51,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-356	34,-
100 mg	0,016	318-37	51,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-357	34,-
200 mg	0,020	318-38	51,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-358	34,-
500 mg	0,025	318-39	51,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-359	34,-
1 mg - 500 mg	-	318-42	610,-	-	-	-	-	-	-	-	-

Class E2 · 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	0,006	318-01	28,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-351	34,-
2 mg	0,006	318-02	28,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-352	34,-
5 mg	0,006	318-03	28,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-353	34,-
10 mg	0,008	318-04	28,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-354	34,-
20 mg	0,010	318-05	28,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-355	34,-
50 mg	0,012	318-06	28,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-356	34,-
100 mg	0,016	318-07	28,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-357	34,-
200 mg	0,020	318-08	28,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-358	34,-
500 mg	0,025	318-09	28,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-359	34,-

Class E2 · Individual weights, compact shape or knob shape

Test weight material: stainless steel polished

Weight	Tol +/- mg	Individual weights, compact shape		Individual weights, knob shape		Plastic box		Aluminium protected box		Wooden box		DAkkS certificate	
		KERN	€	KERN	€	KERN	€	KERN	€	KERN	€	KERN	€
1 g	0,03	316-01	41,-	317-01	51,-	317-020-400	4,80	317-010-600	13,-	317-010-100	32,-	962-331	34,-
2 g	0,04	316-02	41,-	317-02	53,-	317-020-400	4,80	317-020-600	15,-	317-020-100	30,-	962-332	34,-
5 g	0,05	316-03	43,-	317-03	55,-	317-030-400	4,80	317-030-600	14,-	317-030-100	32,-	962-333	34,-
10 g	0,06	316-04	44,-	317-04	57,-	317-040-400	4,80	317-040-600	13,-	317-040-100	30,-	962-334	34,-
20 g	0,08	316-05	47,-	317-05	64,-	317-050-400	4,80	317-050-600	13,-	317-050-100	31,-	962-335	34,-
50 g	0,10	316-06	53,-	317-06	71,-	317-060-400	6,30	317-060-600	12,-	317-060-100	35,-	962-336	34,-
100 g	0,16	316-07	59,-	317-07	80,-	317-070-400	7,80	317-070-600	13,-	317-070-100	35,-	962-337	42,-
200 g	0,30	316-08	69,-	317-08	106,-	317-080-400	7,20	317-080-600	13,-	317-080-100	39,-	962-338	42,-
500 g	0,80	316-09	102,-	317-09	156,-	317-090-400	8,70	317-090-600	17,-	317-090-100	46,-	962-339	42,-
1 kg	1,60	316-11	130,-	317-11	215,-	317-110-400	10,-	317-110-600	25,-	317-110-100	61,-	962-341	42,-
2 kg	3,00	316-12	210,-	317-12	315,-	317-120-400	13,-	317-120-600	29,-	317-120-100	68,-	962-342	52,-
5 kg	8,00	316-13	405,-	317-13	510,-	317-130-400	27,-	317-130-600	53,-	317-130-100	101,-	962-343	52,-
10 kg	16,00	316-14	700,-	317-14	780,-	317-140-400	25,-	317-140-600	75,-	317-140-100	123,-	962-344	52,-
20 kg	30,00	-	-	317-15	2330,-	-	-	317-150-600	105,-	317-150-100	580,-	962-345	67,-
50 kg	80,00	-	-	317-16	4810,-	-	-	317-160-600	305,-	317-160-100	710,-	962-346	77,-

Tip:

Our highly-accurate OIML test weights are also available as **PREMIUM+ weights** for that extra level of safety. See all details page 187 or on www.kern-lab.com/premium+

Class E2 · Weight sets, compact shape

Test weight material: Milligram weights stainless steel, individual weights: polished stainless steel

Weight sets	Compact shape in plastic case		Compact shape in aluminium protected case		DAkkS certificate	
	KERN	€	KERN	€	KERN	€
1 mg - 500 mg	318-22	270,-	318-226	400,-	962-350	230,-
1 g - 50 g	312-024	465,-	312-026	435,-	962-315	157,-
1 g - 100 g	312-034	520,-	312-036	500,-	962-316	187,-
1 g - 200 g	312-044	650,-	312-046	630,-	962-317	245,-
1 g - 500 g	312-054	750,-	312-056	730,-	962-318	285,-
1 g - 1 kg	312-064	970,-	312-066	970,-	962-319	315,-
1 g - 2 kg	312-074	1350,-	312-076	1400,-	962-320	385,-
1 g - 5 kg	312-084	1780,-	312-086	1870,-	962-321	440,-
1 g - 10 kg	-	-	312-096	2510,-	962-322	475,-

Class E2 · Weight sets, knob shape

Test weight material: Milligram weights stainless steel, individual weights: polished stainless steel

Weight sets	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	318-22	270,-	318-226	400,-			962-350	230,-
1 mg - 50 g	313-024	880,-	313-026	760,-	313-02	930,-	962-301	380,-
1 mg - 100 g	313-034	960,-	313-036	1030,-	313-03	1010,-	962-302	410,-
1 mg - 200 g	313-044	1220,-	313-046	1030,-	313-04	1220,-	962-303	480,-
1 mg - 500 g	313-054	1360,-	313-056	1390,-	313-05	1440,-	962-304	510,-
1 mg - 1 kg	313-064	1620,-	313-066	1700,-	313-06	1690,-	962-305	540,-
1 mg - 2 kg	313-074	2240,-	313-076	2360,-	313-07	2330,-	962-306	600,-
1 mg - 5 kg	313-084	2920,-	313-086	2910,-	313-08	2940,-	962-307	640,-
1 mg - 10 kg	-	-	313-096	3950,-	313-09	3790,-	962-308	680,-
1 g - 50 g	314-024	550,-	314-026	460,-	314-02	600,-	962-315	157,-
1 g - 100 g	314-034	620,-	314-036	710,-	314-03	690,-	962-316	187,-
1 g - 200 g	314-044	830,-	314-046	900,-	314-04	900,-	962-317	245,-
1 g - 500 g	314-054	1070,-	314-056	1100,-	314-05	1110,-	962-318	285,-
1 g - 1 kg	314-064	1290,-	314-066	1380,-	314-06	1360,-	962-319	315,-
1 g - 2 kg	314-074	1910,-	314-076	2040,-	314-07	2000,-	962-320	385,-
1 g - 5 kg	314-084	2410,-	314-086	2590,-	314-08	2620,-	962-321	440,-
1 g - 10 kg	-	-	314-096	3630,-	314-09	3460,-	962-322	475,-

Tip:

Our highly-accurate OIML test weights are also available as **PREMIUM+ weights** for that extra level of safety. See all details page 187 or on www.kern-lab.com/premium+

TEST WEIGHTS AND BOXES CLASS F1

NEW



Milligram weights,
wire shape



Milligram weights,
flat polygonal sheet



Individual weights/
Weight sets,
ECO shape



Individual weights/
Weight sets,
knob shape



Test weights (10 – 50 kg),
polished stainless steel,
KERN 327-141 ff,
optional: Wooden box



Block weight,
polished stainless steel



Plastic box, lined, for
• individual weights \leq 200 g
• individual weights \geq 500 g



Aluminium protected box, lined,
for individual weights



Wooden box, lined, for
• individual weights \leq 500 g
• individual weights \geq 1 kg



Milligram weight
set in plastic case
(328-22)

Milligram weight
set in aluminium
protected case,
lined (328-226)



Plastic case, lined for weight sets,
ECO shape/knob shape



Aluminium protected case, lined,
for weight sets ECO shape/
knob shape



Wooden case, lined, for weight sets
ECO shape/knob shape

NEW Class F1 · Milligram weights, wire shape

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	0,02	328-31	21,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-451	22,-
2 mg	0,02	328-32	21,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-452	22,-
5 mg	0,02	328-33	21,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-453	22,-
10 mg	0,025	328-34	21,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-454	22,-
20 mg	0,03	328-35	21,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-455	22,-
50 mg	0,04	328-36	21,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-456	22,-
100 mg	0,05	328-37	21,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-457	22,-
200 mg	0,06	328-38	21,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-458	22,-
500 mg	0,08	328-39	21,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-459	22,-
1 mg - 500 mg	-	328-42	265,-	-	-	-	-	-	-	-	-

Class F1 · 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	0,02	328-01	13,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-451	22,-
2 mg	0,02	328-02	13,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-452	22,-
5 mg	0,02	328-03	13,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-453	22,-
10 mg	0,025	328-04	13,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-454	22,-
20 mg	0,03	328-05	13,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-455	22,-
50 mg	0,04	328-06	13,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-456	22,-
100 mg	0,05	328-07	13,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-457	22,-
200 mg	0,06	328-08	13,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-458	22,-
500 mg	0,08	328-09	13,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-459	22,-

Class F1 · Individual weights, ECO shape or knob shape

Test weight material: stainless steel polished

Weight	Tol +/- mg	Individual weight, ECO shape		Individual weight, knob shape		Plastic box		Aluminium protected box		Wooden box		DAkkS certificate	
		KERN	€	KERN	€	KERN	€	KERN	€	KERN	€	KERN	€
1 g	0,10	326-01	15,-	327-01	33,-	347-030-400	2,-	317-010-600	13,-	317-010-100	32,-	962-431	22,-
2 g	0,12	326-02	15,-	327-02	33,-	347-030-400	2,-	317-020-600	15,-	317-020-100	30,-	962-432	22,-
5 g	0,16	326-03	17,-	327-03	34,-	347-030-400	2,-	317-030-600	14,-	317-030-100	32,-	962-433	22,-
10 g	0,20	326-04	21,-	327-04	37,-	347-050-400	2,-	317-040-600	13,-	317-040-100	30,-	962-434	22,-
20 g	0,25	326-05	27,-	327-05	42,-	347-050-400	2,-	317-050-600	13,-	317-050-100	31,-	962-435	22,-
50 g	0,30	326-06	36,-	327-06	47,-	347-070-400	2,-	317-060-600	12,-	317-060-100	35,-	962-436	22,-
100 g	0,50	326-07	40,-	327-07	54,-	347-070-400	2,-	317-070-600	13,-	317-070-100	35,-	962-437	24,-
200 g	1,00	326-08	49,-	327-08	66,-	347-080-400	2,10	317-080-600	13,-	317-080-100	39,-	962-438	24,-
500 g	2,50	326-09	98,-	327-09	124,-	347-090-400	3,-	317-090-600	17,-	317-090-100	46,-	962-439	24,-
1 kg	5,00	326-11	130,-	327-11	163,-	347-110-400	3,80	317-110-600	25,-	317-110-100	61,-	962-441	24,-
2 kg	10	326-12	215,-	327-12	245,-	347-120-400	5,-	317-120-600	29,-	317-120-100	68,-	962-442	31,-
5 kg	25	326-13	340,-	327-13	395,-	347-130-400	11,-	317-130-600	53,-	317-130-100	101,-	962-443	31,-
10 kg	50	326-14	560,-	327-14	680,-	347-140-400	16,-	317-140-600	75,-	317-140-100	123,-	962-444	31,-
20 kg	100	-	-	327-15	1830,-	-	-	317-150-600	105,-	317-150-100	580,-	962-445	35,-
50 kg	250	-	-	327-16	3930,-	-	-	317-160-600	305,-	317-160-100	710,-	962-446	47,-


Class F1 · Block weights

Block weight material: stainless steel polished

Weight	Tol +/- mg	Block weight		Aluminium protected box		DAkkS certificate	
		KERN	€	KERN	€	KERN	€
5 kg	25	326-36	950,-	346-060-600	71,-	962-443	31,-
10 kg	50	326-37	1380,-	346-070-600	95,-	962-444	31,-
20 kg	100	326-38	1830,-	346-080-600	125,-	962-445	35,-
50 kg	250	326-39	4370,-	346-090-600	83,-	962-446	47,-

Class F1 · Test weights, stackable

Test weight material: stainless steel polished

Weight	Tol +/- mg	Test weight		Wooden box		DAkkS certificate	
		KERN	€	KERN	€	KERN	€
 5 kg	25	327-131	1000,-	337-131-100	465,-	962-443	31,-
10 kg	50	327-141	1340,-	337-141-100	300,-	962-444	31,-
20 kg	100	327-151	1680,-	337-151-100	325,-	962-445	35,-
50 kg	250	327-161	3880,-	337-161-100	510,-	962-446	47,-



Class F1 · Weight sets, ECO shape


Test weight material: Milligram weights stainless steel, Individual weights: polished stainless steel

Weight sets	ECO shape in plastic case		ECO shape in aluminium protected case		ECO shape in wooden case		DAkkS certificate	
	KERN	€	KERN	€	KERN	€	KERN	€
1 mg - 500 mg	328-22	136,-	328-226	220,-	-	-	962-450	122,-
1 mg - 50 g	325-024	540,-	325-026	390,-	325-022	600,-	962-401	205,-
1 mg - 100 g	325-034	600,-	325-036	620,-	325-032	650,-	962-402	215,-
1 mg - 200 g	325-044	690,-	325-046	710,-	325-042	740,-	962-403	240,-
1 mg - 500 g	325-054	790,-	325-056	810,-	325-052	910,-	962-404	250,-
1 mg - 1 kg	325-064	1010,-	325-066	1020,-	325-062	1060,-	962-405	265,-
1 mg - 2 kg	325-074	1300,-	325-076	1320,-	325-072	1370,-	962-406	305,-
1 mg - 5 kg	325-084	1580,-	325-086	1620,-	325-082	1780,-	962-407	320,-
1 mg - 10 kg	-	-	325-096	2340,-	325-092	2390,-	962-408	345,-
1 g - 50 g	326-024	370,-	326-026	250,-	326-022	435,-	962-415	81,-
1 g - 100 g	326-034	420,-	326-036	440,-	326-032	490,-	962-416	94,-
1 g - 200 g	326-044	520,-	326-046	540,-	326-042	600,-	962-417	119,-
1 g - 500 g	326-054	610,-	326-056	630,-	326-052	750,-	962-418	132,-
1 g - 1 kg	326-064	830,-	326-066	850,-	326-062	900,-	962-419	145,-
1 g - 2 kg	326-074	1110,-	326-076	1140,-	326-072	1220,-	962-420	182,-
1 g - 5 kg	326-084	1410,-	326-086	1430,-	326-082	1630,-	962-421	200,-
1 g - 10 kg	-	-	326-096	2070,-	326-092	2240,-	962-422	220,-

Class F1 · Weight sets, knob shape

Test weight material: Milligram weights stainless steel, Individual weights: polished stainless steel

Weight sets	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	328-22	136,-	328-226	220,-	-	-	962-450	122,-
1 mg - 50 g	323-024	550,-	323-026	465,-	323-02	600,-	962-401	205,-
1 mg - 100 g	323-034	610,-	323-036	660,-	323-03	650,-	962-402	215,-
1 mg - 200 g	323-044	730,-	323-046	800,-	323-04	790,-	962-403	240,-
1 mg - 500 g	323-054	860,-	323-056	940,-	323-05	980,-	962-404	250,-
1 mg - 1 kg	323-064	1110,-	323-066	1180,-	323-06	1170,-	962-405	265,-
1 mg - 2 kg	323-074	1580,-	323-076	1590,-	323-07	1730,-	962-406	305,-
1 mg - 5 kg	323-084	1960,-	323-086	1960,-	323-08	2160,-	962-407	320,-
1 mg - 10 kg	-	-	323-096	2790,-	323-09	2900,-	962-408	345,-
1 g - 50 g	324-024	385,-	324-026	330,-	324-02	445,-	962-415	81,-
1 g - 100 g	324-034	435,-	324-036	485,-	324-03	500,-	962-416	94,-
1 g - 200 g	324-044	650,-	324-046	640,-	324-04	720,-	962-417	119,-
1 g - 500 g	324-054	770,-	324-056	770,-	324-05	880,-	962-418	132,-
1 g - 1 kg	324-064	1020,-	324-066	1020,-	324-06	1070,-	962-419	145,-
1 g - 2 kg	324-074	1460,-	324-076	1420,-	324-07	1570,-	962-420	182,-
1 g - 5 kg	324-084	1840,-	324-086	1840,-	324-08	2040,-	962-421	200,-
1 g - 10 kg	-	-	324-096	2650,-	324-09	2830,-	962-422	220,-

 New model

TEST WEIGHTS AND BOXES

CLASS F2



Milligram weights,
flat polygonal sheet



Individual weights/Weight sets,
knob shape



Block weight, stainless steel



Test weights (10 – 50 kg),
finely turned stainless steel,
KERN 337-141 ff,
optional: Wooden box



Plastic box,
lined, for
individual
weights
 ≤ 200 g



Plastic box,
lined, for
individual
weights
 ≥ 500 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
(338-22)



Milligram weight
set in aluminium
protected case,
lined (338-226)



Plastic case, lined, for weight sets,
knob shape






Aluminium protected case, lined,
for weight sets, knob shape



Wooden case, for weight sets,
knob shape




Class F2 · 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	
1 mg	0,06	338-01	8,60	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-451	22,-
2 mg	0,06	338-02	8,30	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-452	22,-
5 mg	0,06	338-03	8,60	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-453	22,-
10 mg	0,08	338-04	8,60	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-454	22,-
20 mg	0,10	338-05	8,30	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-455	22,-
50 mg	0,12	338-06	8,60	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-456	22,-
100 mg	0,16	338-07	8,60	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-457	22,-
200 mg	0,20	338-08	8,30	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-458	22,-
500 mg	0,25	338-09	8,60	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-459	22,-


Class F2 · Individual weights, knob shape

Test weight material: finely turned stainless steel

Weight	Tol +/- mg	Individual weight, knob shape		Plastic box		Aluminium protected box		Wooden box		DAkkS certificate	
		KERN	€	KERN		€	KERN		€	KERN	
1 g	0,3	337-01	17,-	347-030-400	2,-	317-010-600	13,-	337-010-200	21,-	962-431	22,-
2 g	0,4	337-02	17,-	347-030-400	2,-	317-020-600	15,-	337-020-200	17,-	962-432	22,-
5 g	0,5	337-03	18,-	347-030-400	2,-	317-030-600	14,-	337-030-200	18,-	962-433	22,-
10 g	0,6	337-04	20,-	347-050-400	2,-	317-040-600	13,-	337-040-200	18,-	962-434	22,-
20 g	0,8	337-05	28,-	347-050-400	2,-	317-050-600	13,-	337-050-200	18,-	962-435	22,-
50 g	1,0	337-06	30,-	347-070-400	2,-	317-060-600	12,-	337-060-200	20,-	962-436	22,-
100 g	1,6	337-07	34,-	347-070-400	2,-	317-070-600	13,-	337-070-200	22,-	962-437	24,-
200 g	3,0	337-08	41,-	347-080-400	2,10	317-080-600	13,-	337-080-200	24,-	962-438	24,-
500 g	8,0	337-09	58,-	347-090-400	3,-	317-090-600	17,-	337-090-200	28,-	962-439	24,-
1 kg	16	337-11	81,-	347-110-400	3,80	317-110-600	25,-	337-110-200	43,-	962-441	24,-
2 kg	30	337-12	124,-	347-120-400	5,-	317-120-600	29,-	337-120-200	41,-	962-442	31,-
5 kg	80	337-13	220,-	347-130-400	11,-	317-130-600	53,-	337-130-200	85,-	962-443	31,-
10 kg	160	337-14	385,-	347-140-400	16,-	317-140-600	75,-	337-140-200	93,-	962-444	31,-
20 kg	300	337-15	750,-	-	-	317-150-600	105,-	337-150-200	385,-	962-445	35,-
50 kg	800	337-16	1430,-	-	-	317-160-600	305,-	337-160-200	590,-	962-446	47,-

Class F2 · Test weights, stackable


Test weight material: finely turned stainless steel

Weight	Tol +/- mg	Test weight	Wooden box		DAkkS certificate		
			€	KERN	€	KERN	
 5 kg	80	337-131	550,-	337-131-200	360,-	962-443	31,-
10 kg	160	337-141	640,-	337-141-200	360,-	962-444	31,-
20 kg	300	337-151	820,-	337-151-200	385,-	962-445	35,-
50 kg	800	337-161	2080,-	337-161-200	590,-	962-446	47,-

Class F2 · Block weights

Block weight material: stainless steel glass bead blasted

Weight	Tol +/- mg	Block weight	Aluminium protected box		DAkkS certificate		
			€	KERN	€	KERN	
5 kg	80	336-36	520,-	346-060-600	71,-	962-443	31,-
10 kg	160	336-37	720,-	346-070-600	95,-	962-444	31,-
20 kg	300	336-38	920,-	346-080-600	125,-	962-445	35,-
50 kg	800	336-39	2250,-	346-090-600	83,-	962-446	47,-

 New model

Class F2 · 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	328-22	136,-	328-226	220,-	-	-	962-450	122,-
1 mg - 50 g	333-024	365,-	333-026	410,-	333-02	370,-		205,-
1 mg - 100 g	333-034	400,-	333-036	450,-	333-03	405,-	962-402	215,-
1 mg - 200 g	333-044	480,-	333-046	520,-	333-04	490,-	962-403	240,-
1 mg - 500 g	333-054	540,-	333-056	600,-	333-05	560,-	962-404	250,-
1 mg - 1 kg	333-064	710,-	333-066	750,-	333-06	710,-	962-405	265,-
1 mg - 2 kg	333-074	950,-	333-076	1050,-	333-07	980,-	962-406	305,-
1 mg - 5 kg	333-084	1170,-	333-086	1330,-	333-08	1390,-	962-407	320,-
1 mg - 10 kg	-	-	333-096	1980,-	333-09	1720,-	962-408	345,-
1 g - 50 g	334-024	255,-	334-026	275,-	334-02	255,-	962-415	81,-
1 g - 100 g	334-034	290,-	334-036	315,-	334-03	295,-	962-416	94,-
1 g - 200 g	334-044	370,-	334-046	415,-	334-04	380,-	962-417	119,-
1 g - 500 g	334-054	430,-	334-056	490,-	334-05	450,-	962-418	132,-
1 g - 1 kg	334-064	600,-	334-066	620,-	334-06	580,-	962-419	145,-
1 g - 2 kg	334-074	840,-	334-076	940,-	334-07	850,-	962-420	182,-
1 g - 5 kg	334-084	1050,-	334-086	1230,-	334-08	1260,-	962-421	200,-
1 g - 10 kg	-	-	334-096	1750,-	334-09	1590,-	962-422	220,-

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	13,-	338-090-200	34,-	962-651	18,-
2 mg	0,20	348-02	5,10	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-652	18,-
5 mg	0,20	348-03	5,10	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-653	18,-
10 mg	0,25	348-04	5,-	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-654	18,-
20 mg	0,30	348-05	5,10	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-655	18,-
50 mg	0,40	348-06	5,10	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-656	18,-
100 mg	0,50	348-07	5,10	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-657	18,-
200 mg	0,60	348-08	5,10	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-658	18,-
500 mg	0,80	348-09	5,10	347-009-400	2,-	317-009-600	13,-	338-090-200	34,-	962-659	18,-

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	8,70	347-030-400	2,-	317-010-600	13,-	337-010-200	21,-	962-631	18,-
2 g	1,2	347-02	8,70	347-030-400	2,-	317-020-600	15,-	337-020-200	17,-	962-632	18,-
5 g	1,6	347-03	8,90	347-030-400	2,-	317-030-600	14,-	337-030-200	18,-	962-633	18,-
10 g	2,0	347-04	9,30	347-050-400	2,-	317-040-600	13,-	337-040-200	18,-	962-634	18,-
20 g	2,5	347-05	16,-	347-050-400	2,-	317-050-600	13,-	337-050-200	18,-	962-635	18,-
50 g	3,0	347-06	17,-	347-070-400	2,-	317-060-600	12,-	337-060-200	20,-	962-636	18,-
100 g	5,0	347-07	21,-	347-070-400	2,-	317-070-600	13,-	337-070-200	22,-	962-637	20,-
200 g	10	347-08	26,-	347-080-400	2,10	317-080-600	13,-	337-080-200	24,-	962-638	20,-
500 g	25	347-09	37,-	347-090-400	3,-	317-090-600	17,-	337-090-200	28,-	962-639	20,-
1 kg	50	347-11	59,-	347-110-400	3,80	317-110-600	25,-	337-110-200	43,-	962-641	20,-
2 kg	100	347-12	98,-	347-120-400	5,-	317-120-600	29,-	337-120-200	41,-	962-642	21,-
5 kg	250	347-13	210,-	347-130-400	11,-	317-130-600	53,-	337-130-200	85,-	962-643	21,-
10 kg	500	347-14	375,-	347-140-400	16,-	317-140-600	75,-	337-140-200	93,-	962-644	21,-

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	69,-	346-76	61,-	346-060-600	71,-	962-643	21,-
10 kg	0,50	346-87	109,-	346-77	97,-	346-070-600	95,-	962-644	21,-
20 kg	1,00	346-88	175,-	346-78	177,-	346-080-600	125,-	962-645	26,-
50 kg	2,50	346-89	410,-	346-79	440,-	346-090-600	83,-	962-646	29,-


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	445,-	346-060-600	71,-	962-643	21,-
10 kg	0,50	346-07	580,-	346-070-600	95,-	962-644	21,-
20 kg	1,00	346-08	810,-	346-080-600	125,-	962-645	26,-
50 kg	2,50	346-09	2050,-	346-090-600	83,-	962-646	29,-

Class M1 · Test weights, stackable

Test weight material: finely turned stainless steel

Weight	Tol +/- g	Test weight		Wooden box		DAkkS certificate		
		KERN	€	KERN	€	KERN	€	€
 5 kg	0,25	347-131	540,-	337-131-200	360,-	962-643	21,-	
10 kg	0,5	347-141	620,-	337-141-200	360,-	962-644	21,-	
20 kg	1,0	347-151	790,-	337-151-200	385,-	962-645	26,-	
50 kg	2,5	347-161	2040,-	337-161-200	590,-	962-646	29,-	

Class M1 · Heavy duty weights, stackable

Heavy duty weight material: lacquered steel

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

Dimensions: see internet on www.kern-sohn.com

Weight	Tol +/- g	Heavy duty weight		DAkkS certificate	
		KERN	€	KERN	€
100 kg	5	346-81	1920,-	962-691	76,-
200 kg	10	346-82	2930,-	962-692	76,-
500 kg	25	346-83	5310,-	962-693	76,-
1000 kg	50	346-84	7550,-	962-694	166,-
2000 kg	100	346-85	14000,-	962-695	305,-

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	64,-	348-226	122,-	-	-	-	962-650	76,-
1 mg - 50 g	343-024	250,-	343-026	245,-	343-02	230,-	962-601	129,-	
1 mg - 100 g	343-034	270,-	343-036	265,-	343-03	255,-	962-602	135,-	
1 mg - 200 g	343-044	320,-	343-046	315,-	343-04	315,-	962-603	152,-	
1 mg - 500 g	343-054	360,-	343-056	350,-	343-05	365,-	962-604	159,-	
1 mg - 1 kg	343-064	530,-	343-066	450,-	343-06	540,-	962-605	167,-	
1 mg - 2 kg	343-074	700,-	343-076	680,-	343-07	730,-	962-606	183,-	
1 mg - 5 kg	343-084	890,-	343-086	920,-	343-08	1040,-	962-607	195,-	
1 mg - 10 kg	-	-	343-096	1350,-	343-09	1400,-	962-608	205,-	
1 g - 50 g	344-024	174,-	344-026	172,-	344-02	153,-	962-615	50,-	
1 g - 100 g	344-034	194,-	344-036	193,-	344-03	184,-	962-616	60,-	
1 g - 200 g	344-044	245,-	344-046	245,-	344-04	240,-	962-617	73,-	
1 g - 500 g	344-054	285,-	344-056	285,-	344-05	300,-	962-618	82,-	
1 g - 1 kg	344-064	455,-	344-066	380,-	344-06	445,-	962-619	90,-	
1 g - 2 kg	344-074	630,-	344-076	610,-	344-07	630,-	962-620	108,-	
1 g - 5 kg	344-084	820,-	344-086	860,-	344-08	930,-	962-621	116,-	
1 g - 10 kg	-	-	344-096	1300,-	344-09	1310,-	962-622	126,-	

Tip:

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.

 New model

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	18,-
2 g	1,2	347-025	28,-	347-030-400	2,-	962-632	18,-
5 g	1,6	347-035	30,-	347-030-400	2,-	962-633	18,-
10 g	2,0	347-045	33,-	347-030-400	2,-	962-634	18,-
20 g	2,5	347-055	35,-	347-080-400	2,10	962-635	18,-
50 g	3,0	347-065	37,-	347-080-400	2,10	962-636	18,-
100 g	5,0	347-075	43,-	347-090-400	3,-	962-637	20,-
200 g	10	347-085	53,-	347-090-400	3,-	962-638	20,-
500 g	25	347-095	72,-	347-110-400	3,80	962-639	20,-
1 kg	50	347-115	129,-	347-130-400	11,-	962-641	20,-
2 kg	100	347-125	159,-	347-130-400	11,-	962-642	21,-
5 kg	250	347-135	285,-	347-140-400	16,-	962-643	21,-
10 kg	500	347-145	425,-	347-140-400	16,-	962-644	21,-



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	€	KERN	€
10 g	200 g	100 g	Aluminium	117,5	347-445-100*	56,-	962-634	18,-
100 g	2 kg	1 kg	Stainless steel	238	347-075-100**	77,-	962-637	20,-
500 g	20 kg	10 kg	Stainless steel	639	347-095-100***	127,-	962-639	20,-
1 kg	40 kg	10 kg	Stainless steel	1020	347-115-100***	160,-	962-641	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"

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	€	KERN	€
5 g	1,6	347-037	30,-	962-633	18,-
10 g	2,0	347-047	31,-	962-634	18,-
20 g	2,5	347-057	34,-	962-635	18,-
50 g	3,0	347-067	39,-	962-636	18,-
100 g	5,0	347-077	67,-	962-637	20,-
200 g	10	347-087	75,-	962-638	20,-
500 g	25	347-097	85,-	962-639	20,-
1 kg	50	347-117	182,-	962-641	20,-
2 kg	100	347-127	215,-	962-642	21,-
5 kg	250	347-137	410,-	962-643	21,-
10 kg	500	347-147	520,-	962-644	21,-



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 slotted weights)

Own weight beam bar	Maximum total load ⁽¹⁾	Largest slotted weight possible	Material	Length	Tol +/- mg	Beam bar	DAkkS certificate		
							€	KERN	
						KERN	€	KERN	€
1 kg	125 kg	10 kg	Stainless steel	300 mm	50	347-117-100	185,-	962-641	20,-
5 kg	161 kg	10 kg	Stainless steel	600 mm	250	347-137-100	430,-	962-643	21,-
10 kg	180 kg	10 kg	Stainless steel	800 mm	500	347-147-100	560,-	962-644	21,-

⁽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"

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	18,-
2 g	1,2	347-026	26,-	347-030-400	2,-	962-632	18,-
5 g	1,6	347-036	27,-	347-030-400	2,-	962-633	18,-
10 g	2,0	347-046	27,-	347-050-400	2,-	962-634	18,-
20 g	2,5	347-056	28,-	347-050-400	2,-	962-635	18,-
50 g	3,0	347-066	33,-	347-070-400	2,-	962-636	18,-
100 g	5,0	347-076	37,-	347-090-400	3,-	962-637	20,-
200 g	10,0	347-086	46,-	347-090-400	3,-	962-638	20,-
500 g	25,0	347-096	79,-	347-110-400	3,80	962-639	20,-
1 kg	50,0	347-116	98,-	347-120-400	5,-	962-641	20,-
2 kg	100,0	347-126	140,-	347-130-400	11,-	962-642	21,-
5 kg	250,0	347-136	250,-	347-140-400	16,-	962-643	21,-
10 kg	500,0	347-146	425,-	-	-	962-644	21,-



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,-

TEST WEIGHTS AND BOXES

CLASSES M2 · M3



Individual weights/Weight sets,
knob shape, stainless steel



Individual weights/Weight sets,
knob shape, lacquered cast iron



Block weights,
lacquered cast iron



Plastic box, lined,
for individual weights



Aluminium protected box,
lined, for individual weights



Wooden box, not lined, for
individual weights ≤ 500 g,
❗ not appropriate for
cast iron weights



Wooden box, not lined, for
individual weights ≥ 1 kg,
❗ not appropriate for
cast iron weights



Aluminium protected case,
lined, for block weights



Aluminium protected case, lined, for weight
sets knob shape, finely turned stainless steel,
❗ not appropriate for cast iron weights






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



Wooden block, for weight sets,
knob shape, lacquered cast iron


Class M2 · Individual weights, knob shape

Test weight material: finely turned stainless steel

Weight	Tol +/- mg	Individual weight, knob shape	Plastic box		Aluminium protected box		Wooden box		DAkkS certificate		
			€	KERN 	€	KERN 	€	KERN 	€	KERN	
1 g	3	357-01	8,70	347-030-400	2,-	317-010-600	13,-	337-010-200	21,-	962-631	18,-
2 g	4	357-02	8,70	347-030-400	2,-	317-020-600	15,-	337-020-200	17,-	962-632	18,-
5 g	5	357-03	8,90	347-030-400	2,-	317-030-600	14,-	337-030-200	18,-	962-633	18,-
10 g	6	357-04	9,30	347-050-400	2,-	317-040-600	13,-	337-040-200	18,-	962-634	18,-
20 g	8	357-05	16,-	347-050-400	2,-	317-050-600	13,-	337-050-200	18,-	962-635	18,-
50 g	10	357-06	17,-	347-070-400	2,-	317-060-600	12,-	337-060-200	20,-	962-636	18,-
100 g	16	357-07	21,-	347-070-400	2,-	317-070-600	13,-	337-070-200	22,-	962-637	20,-
200 g	30	357-08	26,-	347-080-400	2,10	317-080-600	13,-	337-080-200	24,-	962-638	20,-
500 g	80	357-09	36,-	347-090-400	3,-	317-090-600	17,-	337-090-200	28,-	962-639	20,-
1 kg	160	357-11	59,-	347-110-400	3,80	317-110-600	25,-	337-110-200	43,-	962-641	20,-
2 kg	300	357-12	94,-	347-120-400	5,-	317-120-600	29,-	337-120-200	41,-	962-642	21,-
5 kg	800	357-13	198,-	347-130-400	11,-	317-130-600	53,-	337-130-200	85,-	962-643	21,-
10 kg	1600	357-14	330,-	347-140-400	16,-	317-140-600	75,-	337-140-200	93,-	962-644	21,-



Class M2 · 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	
5 kg	0,8	356-86	69,-	356-76	61,-	346-060-600	71,-	962-643	21,-
10 kg	1,6	356-87	116,-	356-77	97,-	346-070-600	95,-	962-644	21,-
20 kg	3,0	356-88	196,-	356-78	177,-	346-080-600	125,-	962-645	26,-
50 kg	8,0	356-89	480,-	356-79	430,-	346-090-600	83,-	962-646	29,-

Class M2 · Weight sets, knob shape

Test weight material: finely turned stainless steel

Weight	Knob shape, in aluminium protected case		Knob shape, in wooden case		DAkkS certificate	
	€	KERN 	€	KERN 	€	KERN
1 g - 50 g	172,-	354-026	153,-	354-02	50,-	962-615
1 g - 100 g	193,-	354-036	184,-	354-03	60,-	962-616
1 g - 200 g	245,-	354-046	240,-	354-04	73,-	962-617
1 g - 500 g	285,-	354-056	300,-	354-05	82,-	962-618
1 g - 1 kg	380,-	354-066	440,-	354-06	90,-	962-619
1 g - 2 kg	600,-	354-076	630,-	354-07	108,-	962-620
1 g - 5 kg	820,-	354-086	910,-	354-08	116,-	962-621
1 g - 10 kg	2100,-	354-096	1290,-	354-09	126,-	962-622

Class M3 · Individual weights, knob shape

Test weight material: finely turned stainless steel

Weight	Tol +/- mg	Individual weight, knob shape		Plastic box		Aluminium protected box		Wooden box		DAkkS certificate	
		KERN	€	KERN	€	KERN	€	KERN	€	KERN	€
1 g	10	367-01	7,60	347-030-400	2,-	317-010-600	13,-	337-010-200	21,-	962-631	18,-
2 g	12	367-02	7,70	347-030-400	2,-	317-020-600	15,-	337-020-200	17,-	962-632	18,-
5 g	16	367-03	7,80	347-030-400	2,-	317-030-600	14,-	337-030-200	18,-	962-633	18,-
10 g	20	367-04	8,20	347-050-400	2,-	317-040-600	13,-	337-040-200	18,-	962-634	18,-
20 g	25	367-05	14,-	347-050-400	2,-	317-050-600	13,-	337-050-200	18,-	962-635	18,-
50 g	30	367-06	15,-	347-070-400	2,-	317-060-600	12,-	337-060-200	20,-	962-636	18,-
100 g	50	367-07	18,-	347-070-400	2,-	317-070-600	13,-	337-070-200	22,-	962-637	20,-
200 g	100	367-08	24,-	347-080-400	2,10	317-080-600	13,-	337-080-200	24,-	962-638	20,-
500 g	250	367-09	34,-	347-090-400	3,-	317-090-600	17,-	337-090-200	28,-	962-639	20,-
1 kg	500	367-11	57,-	347-110-400	3,80	317-110-600	25,-	337-110-200	43,-	962-641	20,-
2 kg	1000	367-12	92,-	347-120-400	5,-	317-120-600	32,-	337-120-200	41,-	962-642	21,-

Class M3 · Individual weights, knob and cylindrical shape

Test weight material: lacquered cast iron

Weight	Tol +/- g	Individual weight, knob and cylindrical shape		DAkkS certificate	
		KERN	€	KERN	€
100 g*	0,05	366-91	12,-	962-637	20,-
200 g*	0,10	366-92	13,-	962-638	20,-
500 g**	0,25	366-93	18,-	962-639	20,-
1 kg**	0,50	366-94	22,-	962-641	20,-
2 kg**	1,0	366-95	31,-	962-642	21,-
5 kg**	2,5	366-96	63,-	962-643	21,-
10 kg**	5,0	366-97	102,-	962-644	21,-



Class M3 · 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	
5 kg	2,5	366-86	69,-	366-76	61,-	346-060-600	71,-	962-643	21,-
10 kg	5,0	366-87	116,-	366-77	97,-	346-070-600	95,-	962-644	21,-
20 kg	10	366-88	205,-	366-78	177,-	346-080-600	125,-	962-645	26,-
50 kg	25	366-89	495,-	366-79	430,-	346-090-600	83,-	962-646	29,-

Class M3 · Weight sets, knob and cylindrical shape

Test weight material: ≤ 50 g stainless steel, ≥ 100 g lacquered cast iron

Weight	Knob and cylindrical shape, DAkkS certificate in wooden block			
	KERN	€	KERN	€
1 g – 1 kg	362-96	240,-	962-619	90,-
1 g – 2 kg	362-97	340,-	962-620	108,-
1 g – 5 kg	362-98	485,-	962-621	116,-
1 g – 10 kg	362-99	590,-	962-622	126,-



Weight set
1 g – 10 kg

Tweezers, weight grips, gloves, dusting brush



Tweezers

to be able to safely grip small test weights

For class	For weight	Length	Version	KERN	€
E1 - M3	1 mg - 200 g	105 mm	1 Stainless steel with silicone-coated tips	315-243	25,-
E1 - M3	500 g - 2 kg	250 mm	1 Stainless steel with silicone-coated tips	315-245	68,-
E1 - M3	≤ 5 g	130 mm	2 Stainless steel, curved, high-quality plastic tips	315-246	4,10
E1 - M3	≤ 5 g	136 mm	3 Stainless steel, straight, high quality plastic tips	315-247	4,10
E1 - M3	≤ 200 g	225 mm	4 Stainless steel, straight, high-quality plastic tips, with a special shape for gripping weights of various shapes and sizes	315-248	36,-
F2 - M3	1 mg - 200 g	100 mm	5 Stainless steel	335-240	16,-
E1 - M3	1 mg - 200 g	100 mm	6 Plastic	315-242	5,35

Weight grip

plastic coated

For class	For knob shaped weights	KERN	€
E1 - M3	2 kg	315-273	32,-
E1 - M3	5 kg	315-274	36,-
E1 - M3	10 kg	315-275	41,-
E1 - M3	20 kg	315-276	61,-



1 not appropriate for cast iron weights



Gloves

Cotton, 1 pair. Help to protect the test weights when being used daily, from grease from fingers, damp etc. Suitable for test weights up to 2 kg.

KERN	€
317-280	4,60

Gloves

Leather/cotton, 1 pair. Help to protect the test weights when being used daily, from grease from fingers, damp etc. Ideal for test weights from 2 kg.

KERN	€
317-290	6,60

Premium gloves

Nylon, 1 pair. Particularly elastic, one size fits all, with special fingertip coating to ensure a safe grip. Helps to protect the test weights in everyday use from grease from fingers, damp etc. Ideal for all test weights.

KERN	€
317-281	9,-



Dusting brush

to clean the weights

KERN	€
318-270	4,10

Bellows

for cleaning weights

KERN	€
318-271	6,10

Microfibre cloth

for cleaning weights

KERN	€
318-272	6,50

Boxes for individual weights



For weights ≤ 200 g, OIML class E1 - E2:
Box with lid

For weights ≥ 500 g, OIML class E1 - M3:
Box with screw cap

Box material: Plastic, lined, suitable for single weights, KERN No. 307, 316, 317, 327, 337, 347

Box material: Plastic, not lined, suitable for single weights, KERN No. 307, 316, 317, 327, 337, 347

Plastic box, lined
for single weights E1 - E2

Plastic box, not lined
for single weights E1 - M3

For weights	KERN	€
1 - 500 mg (single)	347-009-400	2,-
1 - 2 g (single)	317-020-400	4,80
5 g	317-030-400	4,80
10 g	317-040-400	4,80
20 g	317-050-400	4,80
50 g	317-060-400	6,30
100 g	317-070-400	7,80
200 g	317-080-400	7,20
500 g	317-090-400	8,70
1 kg	317-110-400	10,-
2 kg	317-120-400	13,-
5 kg	317-130-400	27,-
10 kg	317-140-400	25,-

For weights	KERN	€
1 - 500 mg (single)	347-009-400	2,-
1 g - 5 g (single)	347-030-400	2,-
10 g - 20 g (single)	347-050-400	2,-
50 g - 100 g (single)	347-070-400	2,-
200 g	347-080-400	2,10
500 g	347-090-400	3,-
1 kg	347-110-400	3,80
2 kg	347-120-400	5,-
5 kg	347-130-400	11,-
10 kg	347-140-400	16,-



For weights ≤ 500 g, OIML class E1 - F1
For weights ≥ 1 kg, OIML class E1 - F1

For weights ≤ 500 g, OIML class F2 - M3
For weights ≥ 1 kg, OIML class F2 - M3

For test weights ≥ 10 kg, OIML class F1 - M1

Box material: Wood, lined, suitable for single weights, KERN No. 307, 316, 317, 326, 327

Box material: Wood, not lined, suitable for single weights, KERN No. 337, 347, 357, 367
■ not suitable for cast iron weights

Box material: Wood, lined/not lined, suitable for single weights, KERN No. 327, 337, 347
■ not suitable for cast iron weights

Wooden box, lined
for single weights E1 - F1

Wooden box, not lined
for single weights F2 - M3

Wooden box, not lined
for test weights F1 - M1

For weights	KERN	€
-	-	-
1 g	317-010-100	32,-
2 g	317-020-100	30,-
5 g	317-030-100	32,-
10 g	317-040-100	30,-
20 g	317-050-100	31,-
50 g	317-060-100	35,-
100 g	317-070-100	35,-
200 g	317-080-100	39,-
500 g	317-090-100	46,-
1 kg	317-110-100	61,-
2 kg	317-120-100	68,-
5 kg	317-130-100	101,-
10 kg	317-140-100	123,-
20 kg	317-150-100	580,-
50 kg	317-160-100	710,-

For weights	KERN	€
1 - 500 mg (single)	338-090-200	34,-
1 g	337-010-200	21,-
2 g	337-020-200	17,-
5 g	337-030-200	18,-
10 g	337-040-200	18,-
20 g	337-050-200	18,-
50 g	337-060-200	20,-
100 g	337-070-200	22,-
200 g	337-080-200	24,-
500 g	337-090-200	28,-
1 kg	337-110-200	43,-
2 kg	337-120-200	41,-
5 kg	337-130-200	85,-
10 kg	337-140-200	93,-
20 kg	337-150-200	385,-
50 kg	337-160-200	590,-

For weights	KERN	€
5 kg	337-131-200	360,-
10 kg	337-141-200	360,-
20 kg	337-151-200	385,-
50 kg	337-161-200	590,-

Wooden box, lined
for test weights F1

For weights	KERN	€
5 kg	337-131-100	465,-
10 kg	337-141-100	300,-
20 kg	337-151-100	325,-
50 kg	337-161-100	510,-

Boxes for individual weights



For weights ≤ 5 kg, OIML class E1 – M3

Box material: Aluminium protected, lined, suitable for mg and single weights, KERN No. 307, 308, 316, 317, 318, 326, 327, 328, 337, 338, 347, 348, 357, 367

■ not suitable for cast iron weights

Aluminium protected box, lined

for individual weights, knob and compact shape, class E1 – M3

For weights	KERN	Icon	€
1 - 500 mg (single)	317-009-600		13,-
1 g	317-010-600		13,-
2 g	317-020-600		15,-
5 g	317-030-600		14,-
10 g	317-040-600		13,-
20 g	317-050-600		13,-
50 g	317-060-600		12,-
100 g	317-070-600		13,-
200 g	317-080-600		13,-
500 g	317-090-600		17,-
1 kg	317-110-600		25,-
2 kg	317-120-600		29,-
5 kg	317-130-600		53,-



For weights ≤ 10 kg, OIML class E1 – M3

Box material: Aluminium protected, lined, suitable for single weights, KERN No. 307, 316, 317, 326, 327, 337, 347, 357, 367

■ not suitable for cast iron weights

Aluminium protected box, lined

for individual weights, knob and compact shape, class E1 – M3

For weights	KERN	Icon	€
10 kg	317-140-600		75,-
20 kg	317-150-600		105,-
50 kg	317-160-600		305,-



For block weight ≥ 5 kg, OIML class F1 – M3

Box material: Aluminium protected, lined, suitable for block weights, KERN No. 326, 336, 346, 356, 366

Aluminium protected box, lined

for individual weights F1 – M3

For weights	KERN	Icon	€
5 kg	346-060-600		71,-
10 kg	346-070-600		95,-
20 kg	346-080-600		125,-
50 kg	346-090-600		83,-

Clean room boxes



NEW



For weights ≤ 500 g, OIML class E1 – M1
For weights 1 g – 2 kg, OIML class E1 – M1

Box material: POM (Polyoxymethylen), not lined, suitable for single weights, KERN No. 307, 316, 317, 327, 337, 347

Polyoxymethylene boxes POM, unlined

for single weights E1 – M1

For weights	KERN	Icon	€
1 - 500 mg (single)	317-009-700		91,-
1 g	317-010-700		91,-
2 g	317-020-700		91,-
5 g	317-030-700		91,-
10 g	317-040-700		91,-
20 g	317-050-700		91,-
50 g	317-060-700		91,-
100 g	317-070-700		91,-
200 g	317-080-700		101,-
500 g	317-090-700		139,-
1 kg	317-110-700		185,-
2 kg	317-120-700		215,-



NEW



For weights 10 kg - 20 kg, OIML class E1 – M1
*Box with handle

Box material: POM (Polyoxymethylen), not lined, suitable for single weights, KERN No. 307, 316, 317, 327, 337, 347

Polyoxymethylene boxes POM, unlined

for single weights E1 – M1

For weights	KERN	Icon	€
5 kg*	317-130-700		495,-
10 kg*	317-140-700		670,-
20 kg*	317-150-700		810,-

Carrying cases/boxes for individual weight sets

Individual weight sets:

You can create your own "tailor-made" individual weight sets yourself.

KERN will customise your own personal wooden box/plastic carrying case.

The largest individual weight which will fit is given in the table.

Sample order:

Your individual weight set (class F1):


1 × 50 g, 2 × 100 g, 1 × 500 g, 2 × 1 kg, 1 × 2 kg.

The correct individual box is **KERN No. 313-080-400** (plastic) or **KERN No. 315-070-100** (wood, lined)




Plastic case

for individual weight sets classes E1 – M3, not appropriate for cast iron weights


Largest possible weight	KERN		€
≤ 500 g	313-050-400		77,-
≤ 5 kg	313-080-400		194,-

Wooden case

lined, for individual weight sets classes E1 – F1
* with side handles

Largest possible weight	KERN		€
≤ 200 g	315-040-100		235,-
≤ 1 kg	315-060-100		340,-
≤ 2 kg	315-070-100		205,-
≤ 5 kg*	315-080-100		325,-
≤ 10 kg*	315-090-100		360,-

Wooden case not lined, for individual weight set classes F2 – M3, not appropriate for cast iron weights * with side handles

Largest possible weight	KERN		€
≤ 200 g	335-040-200		148,-
≤ 500 g	335-050-200		148,-
≤ 1 kg	335-060-200		210,-
≤ 2 kg	335-070-200		205,-
≤ 5 kg*	335-080-200		325,-
≤ 10 kg*	335-090-200		360,-


Carrying cases for standard weight sets



Fig. shows 313-010-600


Plastic case for weight sets

with standard denomination classes E1 – M3, not appropriate for cast iron weights

Largest possible weight	KERN		€
≤ 500 g	313-052-400		77,-
≤ 5 kg	313-082-400		194,-

Aluminium protected case

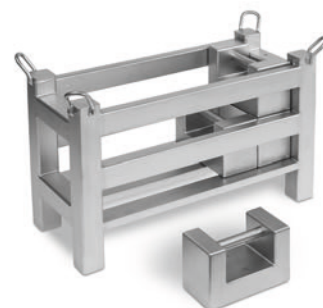
for weight sets with standard denomination classes E1 – M2
*no handle **1 front handle ***2 side handles

For weights	For class	KERN		€
1 mg - 500 mg	E1 - M1	313-010-600*		65,-
1 mg - 50 g	E1 - M1	313-020-600*		94,-
1 mg - 100 g	E1 - M1	313-030-600*		103,-
1 mg - 200 g	E1 - M1	313-040-600*		109,-
1 mg - 500 g	E1 - M1	313-050-600*		132,-
1 mg - 1 kg	E1 - M1	313-060-600*		161,-
1 mg - 2 kg	E1 - M1	313-070-600**		189,-
1 mg - 5 kg	E1 - M1	313-080-600***		250,-
1 mg - 10 kg	E1 - M1	313-090-600***		330,-
1 g - 50 g	E1 - M2	314-020-600*		89,-
1 g - 100 g	E1 - M2	314-030-600*		98,-
1 g - 200 g	E1 - M2	314-040-600*		104,-
1 g - 500 g	E1 - M2	314-050-600*		127,-
1 g - 1 kg	E1 - M2	314-060-600*		156,-
1 g - 2 kg	E1 - M2	314-070-600*		184,-
1 g - 5 kg	E1 - M2	314-080-600***		245,-
1 g - 10 kg	E1 - M2	314-090-600***		330,-

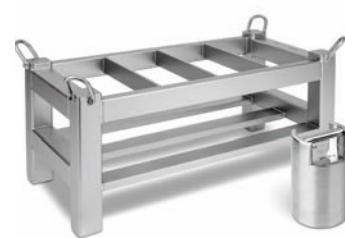
Weight containers for rectangular weights or other test weights, stainless steel glass bead blasted, adjusted to OIML class M1

Preconfigured weight containers for testing high-load floor scales, pallet scales, pallet truck scales, crane scales, etc. This can also be used for storing the weights. This means the weight container and the weights can be placed on the balance in one go, saving you time and money. The weight container is adjusted to OIML accuracy class M1. Other OIML accuracy classes are also available, please ask.

Weight of the weight container, OIML class M1	Tol +/- g	Possible equipment, rectangular weights, OIML class M1	Maximum total weight (weight container incl. weights)	Price (weight container excluding weights)	
				KERN	€
20 kg	1,0	5 × 20 kg	120 kg	346-022-005	1610,-
40 kg	1,5	8 × 20 kg	200 kg	346-042-008	2070,-
50 kg	2,5	10 × 20 kg	250 kg	346-052-010	2070,-
50 kg	2,5	4 × 50 kg	250 kg	346-055-004	2070,-
50 kg	2,5	9 × 50 kg	500 kg	346-055-009	2070,-
60 kg	3,0	8 × 50 kg and 2 × 20 kg	500 kg	346-065-009	2250,-



Weight of the weight container, OIML class M1	Tol +/- g	Possible equipment, test weights, OIML class M1	Maximum total weight (weight container incl. weights)	Price (weight container excluding weights)	
				KERN	€
20 kg	1,0	max. 10 × 10 kg or 5 × 20 kg	120 kg	347-022-005	1610,-
40 kg	2,0	max. 16 × 10 kg or 8 × 20 kg	200 kg	347-042-008	1890,-
50 kg	2,5	max. 20 × 10 kg or 10 × 20 kg	250 kg	347-052-010	2070,-
60 kg	3,0	max. 22 × 20 kg	500 kg	347-062-022	2250,-



Individual weight containers for rectangular weights or other test weights, calibrated to OIML class M1

Individual weight carriers for testing high capacity floor scales, pallet scales, pallet truck scales, crane scales, etc. This can also be used for storing the weights. This means the weight container and the weights can be placed on the scale in one go, saving time and money.

The weight container can be calibrated to OIML accuracy classes M1 – M3. On request, KERN will make you a “tailor-made” weight carrier to your specifications.

Example:

3 block weights	each 50 kg, class M1	=	150 kg
1 weight container	each 50 kg, class M1	=	50 kg
Total		=	200 kg

Weight of the weight container, OIML class M1	Price	
	KERN	€
Individual weight container for rectangular weights	346-000-000	1700,-
Individual weight container for test weights	347-000-000	1700,-



Example illustration

The oldest Precision Balance Factory in Germany

KERN & SOHN GmbH

Balances, Test Weights, Microscopes,
DAkKS Calibration Laboratory

Ziegelei 1
72336 Balingen
Germany
Tel. +49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com

Discover the multifaceted World of Balances, Microscopes and Measuring Technology from KERN online: www.kern-sohn.com

- Full KERN & SAUTER Product Range
- Convenient 24/7 Ordering
- Selection of more than 5,000 Items across Weighing and Measuring Technology, Optical Instruments as well as Accessories and Services
- Extensive Information and useful Download Options
- Technical Product Data Sheets
- Operating Instructions
- Descriptive Image and Video Material
- Useful KERN Services
- Technical Glossary
- KERN Dealer Portal
- Practical Filter and Search Functions



Follow us on our social media channels too



Printed in Germany by KERN & SOHN GmbH
z-cb-en-kr-20251

