



WEIGHTS FOR THE BEST

WEIGHTS AND
WEIGHT SETS 2014



Registrier-Nr. 059993 QM08
DIN EN ISO 9001:2008



DIN EN ISO / IEC 17025:2005



Deutsche
Akkreditierungsstelle
D-K-15192-01-00



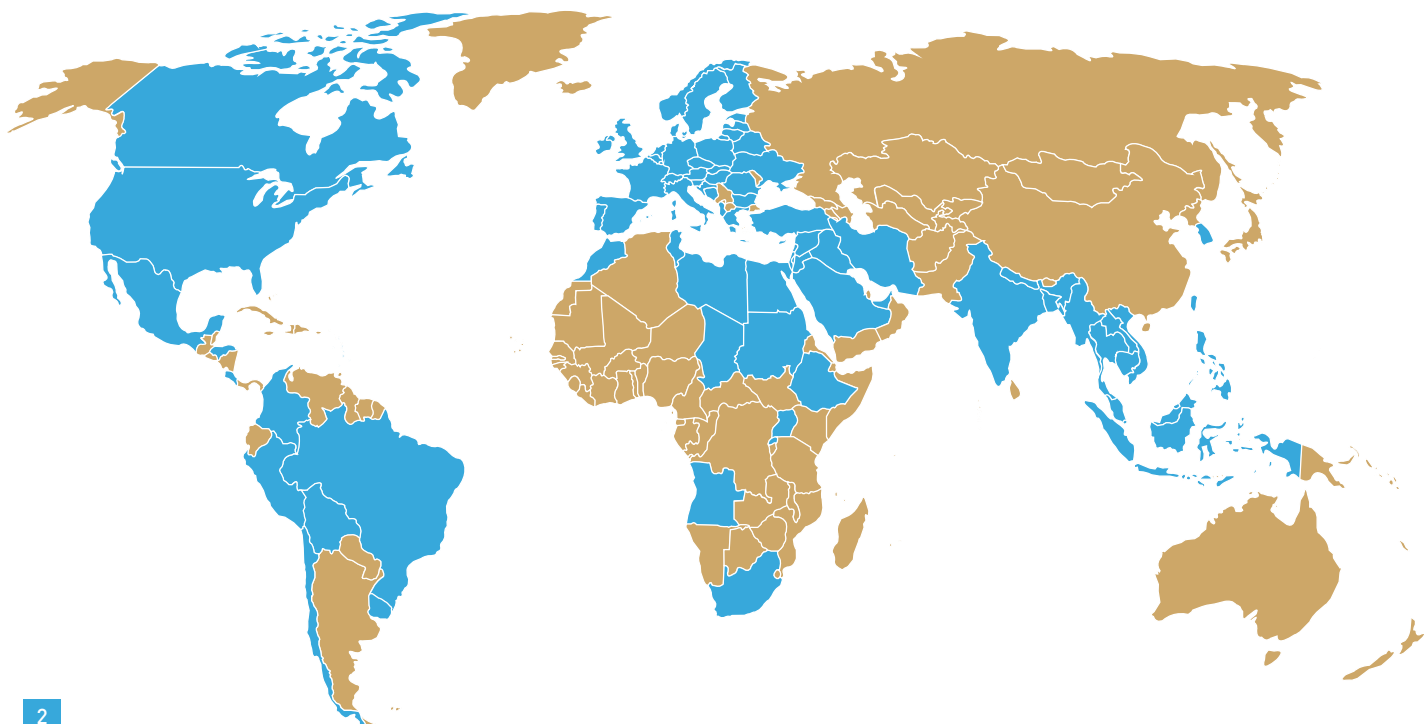


**WE SUPPLY RELIABLE AND HIGH
QUALITY WEIGHTS WORLDWIDE.**

OUR PRODUCTS

Our weights range from milligrams to tons, all made under one roof. In addition to meeting everyday customer needs, HÄFNER sets great store in accommodating special wishes:

- + very small weights (down to 0.1 mg)
- + very large weights (up to 5000 kg)
- + Special forms such as load weights or bent-wire milligram weights
- + Accessories such as bell jars or forks
- + Special markings (e.g. barcodes and signs)
- + Boxes and cases according to customer demands





HÄFNER - SPECIALIST FOR WEIGHTS AND WEIGHT SETS

EVER SINCE OUR COMPANY WAS FOUNDED IN 1933 IN OBERROT, A SMALL TOWN IN THE SWABIAN REGION OF GERMANY, WE HAVE BEEN MANUFACTURING WEIGHTS FOR A WIDE RANGE OF APPLICATIONS.

These weights range from milligrams to tons, all made under one roof. We are certified to EN ISO 9001:2008 and are known worldwide for our high reliability and quality.

With the advent of electronic weighing devices, the role of weights has changed. Originally used as weighing instruments in conjunction with scales, weights are now used as adjusting, calibration and test equipment for balances and force measuring devices. The demands on weights are constantly rising with the continuously increasing accuracy and resolution

of electronic load cells.

We recognised this trend early on and responded to the challenge. Rationalisation and the utilisation of advanced technology form the basis for our leading position in modern weights manufacturing.

Furthermore, our calibration laboratory MASSCAL is accredited by the German Accreditation Body (DAkkS) and is a member of the German Calibration Service (DKD).



WHEN PERFORMANCE COUNTS

OUR QUALITY EXPECTATIONS

Over many decades and in the history of our family-owned business, perfection and the name HÄFNER have become inseparable.

Worldwide trust and recognition by national metrology institutes (NMIs) such as PTB, NPL etc., as well as accredited calibration laboratories, state offices for verification, scale and balance manufacturers, companies for repair and maintenance, distributors for laboratory equipment, companies in all industrial sectors and not least our competitors, testify to our exceptional performance and our success.

Customer wishes and requirements for perfect weights can only be fulfilled by an ongoing development process that creates the necessary conditions and means for improvement.

We strive to repay your trust in HÄFNER with our quality and performance. **Challenge us!**



Deutsche
Akkreditierungsstelle



QUALITY MANAGEMENT

HÄFNER utilises a quality management system and is certified to EN ISO 9001:2008 by DQS (registration number 059 993).

We are always up-to-date in science and technology thanks to our active participation in the technical committee of the German Calibration Service (DKD) and close cooperation with the German National Metrology Institute PTB.

OUR WEIGHTS ARE SO GOOD THAT OUR STAFF ARE PROUD OF EVERY ONE OF THEM.

PERFECT WEIGHTS

At HÄFNER every blank is formed from special materials. Advanced casting technology and extremely precise CNC machine tools are key parts of the production process.

Consistently high precision of all HÄFNER blanks is ensured by our exceptional expertise and advanced surface processing technology. What happens afterward is pure craftsmanship.

With considerable experience and sensitivity, our employees machine each weight to the specified value. Every step in the process is checked using extremely accurate scales with calibrated standard weights, and ambient conditions are monitored continuously. HÄFNER marks the weights using special corrosion-proof laser technology to ensure that the weights retain their values. This allows weight standards in classes E2, E1 and E0 to be identified reliably without confusion.

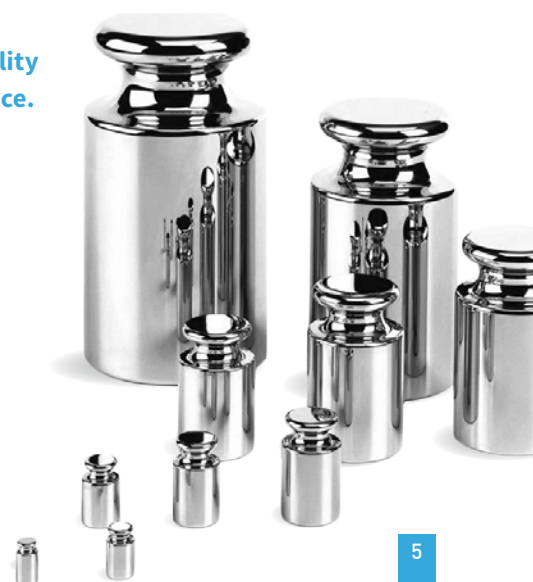
Another key factor for manufacturing perfect weights is our special HE210 steel, which was developed to meet the requirements of class E0.

As a result, for many years national metrology institutes have been able to rely on their primary weight standards (class E0) and secondary mass standards (class E1) from HÄFNER.

Before delivery, each HÄFNER weight is again cleaned and checked, and if requested by the customer a calibration certificate (e.g. a DAkkS calibration certificate) is prepared to document quality and traceability to the national kilogram prototype.

HÄFNER perfection is only possible with staff who are experts at their trade.

**Service and reliability
at an attractive price.**





PROCESS SECURITY AND RELIABILITY

QUALITY MANAGEMENT

Assuring the quality of your products is an important part of your business success, which is why an accredited quality management system is indispensable in the world of measuring and weighing.

Quality management standards and guidelines, such as the ISO 9001 family, VDA 6.1, ISO 10012, ISO/TS 16649, ISO 17025 and the GLP/GMP regulations, help ensure reproducible measurement results by means of reliable and suitable measuring and test equipment, which includes scales and standard weights (calibration and test weights).

Documented monitoring of measuring and test equipment is therefore a key obligation and provides essential evidence of compliance with product liability and due diligence regulations.

As a worldwide leader in the manufacture of weights, HÄFNER supports you in planning test processes and test equipment with:

- ✓ expertise and experience;
- ✓ advice and competence;
- ✓ extremely high precision and quality;
- ✓ flexibility;
- ✓ special production according to individual customer requirements;
- ✓ service and reliability at an attractive price.

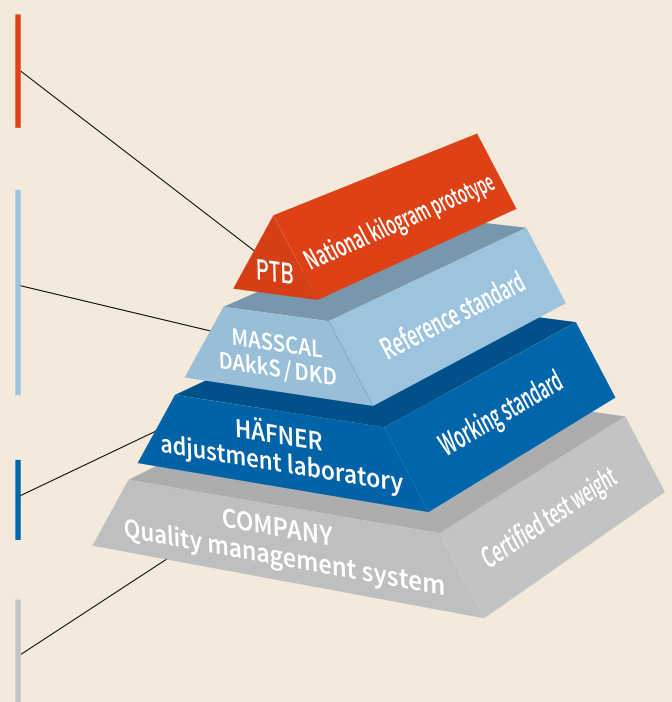
TRACEABILITY TO THE NATIONAL WEIGHT STANDARD

In Germany the Physikalisch Technische Bundesanstalt (PTB) is the National Metrology Institute (NMI) and provides access to the physical SI mass standards.

Our MASSCAL calibration laboratory is accredited as a DAkkS calibration laboratory (registration number D-K-15192-01-00) by the PTB. The internationally valid DAkkS calibration certificates meet the requirements for test equipment monitoring and serve as evidence for traceability to the national weight standard.

HÄFNER works with a quality management system and is certified to EN ISO 9001:2008 by DQS (registration number 059 993).

In the world of measuring and weighing, a certified quality management system is essential as a basis for ensuring the quality of your products.



MASCAL ADJUSTMENT AND CALIBRATION LABORATORY

HÄFNER has a spacious adjustment and calibration laboratory dubbed MASSCAL, which meets the highest metrological requirements. We invest considerable sums to keep our measuring devices at the state of the art.

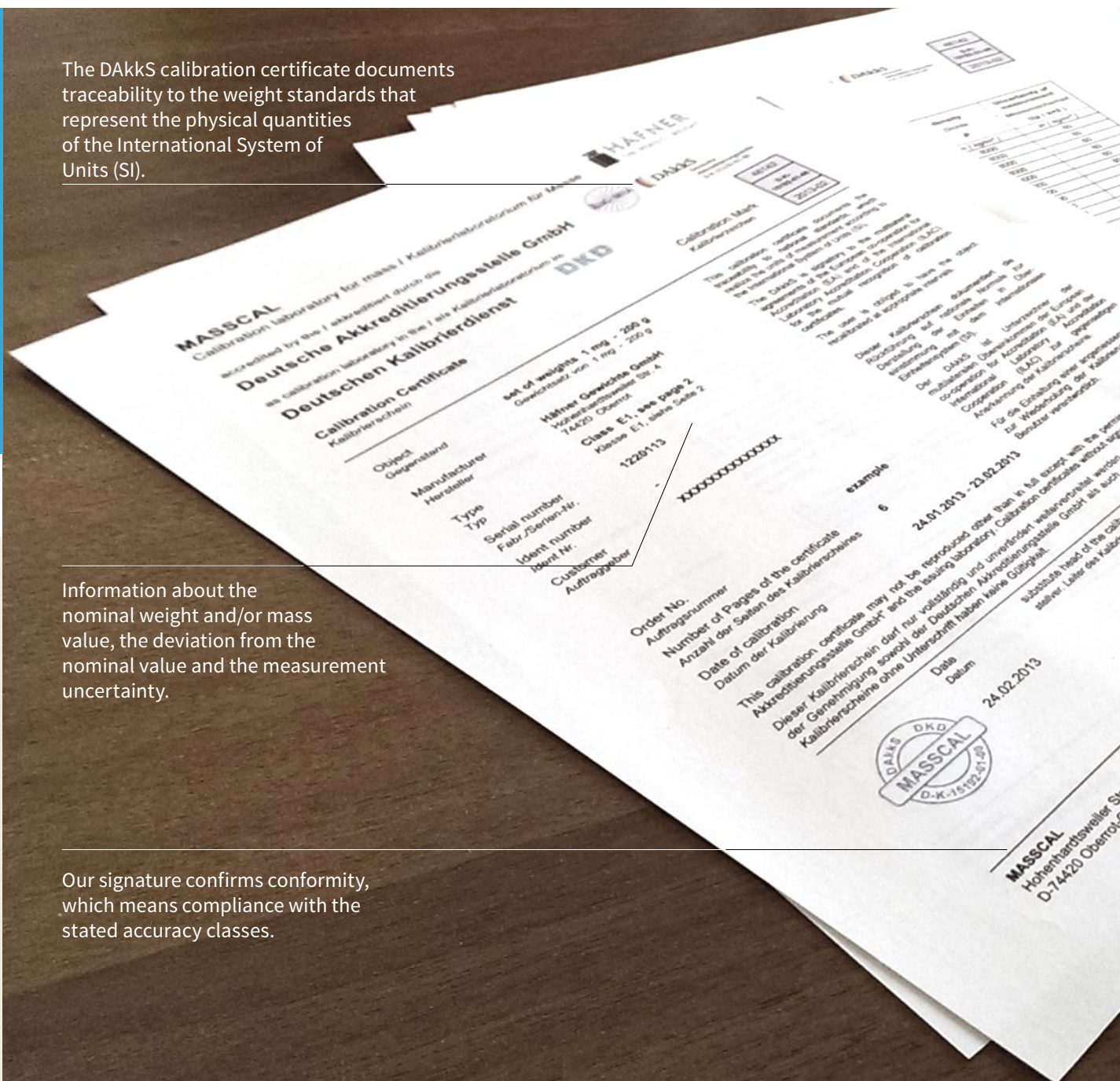
MASSCAL conforms to the EN ISO/IEC 17025 international standard and is accredited within the scope of the German Accreditation Body (DAkkS) (Reg. Nr. D-K-15192-01-00) of the German national metrology institute PTB, which means that our calibration certificates are recognised internationally.



The DAkkS calibration certificate documents traceability to the weight standards that represent the physical quantities of the International System of Units (SI).

Information about the nominal weight and/or mass value, the deviation from the nominal value and the measurement uncertainty.

Our signature confirms conformity, which means compliance with the stated accuracy classes.



HOW TO DETERMINE THE NECESSARY TEST WEIGHTS

MAXIMUM TOLERANCE FOR WEIGHTS ACCORDING TO OIML R111:2004

Nominal value	E1	E2	F1	F2	M1	M1-2	M2	M2-3	M3
	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg	+/- mg
1 mg	0,003	0,006	0,020	0,06	0,20				
2 mg	0,003	0,006	0,020	0,06	0,20				
5 mg	0,003	0,006	0,020	0,06	0,20				
10 mg	0,003	0,008	0,025	0,08	0,25				
20 mg	0,003	0,010	0,03	0,10	0,3				
50 mg	0,004	0,012	0,04	0,12	0,4				
100 mg	0,005	0,016	0,05	0,16	0,5		1,6		
200 mg	0,006	0,020	0,06	0,20	0,6		2,0		
500 mg	0,008	0,025	0,08	0,25	0,8		2,5		
1 g	0,010	0,030	0,10	0,3	1,0		3,0		10
2 g	0,012	0,040	0,12	0,4	1,2		4,0		12
5 g	0,016	0,050	0,16	0,5	1,6		5,0		16
10 g	0,020	0,060	0,20	0,6	2,0		6,0		20
20 g	0,025	0,080	0,25	0,8	2,5		8,0		25
50 g	0,030	0,10	0,3	1,0	3,0		10		30
100 g	0,05	0,16	0,5	1,6	5		16		50
200 g	0,10	0,30	1,0	3,0	10		30		100
500 g	0,25	0,80	2,5	8,0	25		80		250
1 kg	0,5	1,6	5	16	50		160		500
2 kg	1,0	3,0	10	30	100		300		1.000
5 kg	2,5	8,0	25	80	250		800		2.500
10 kg	5	16	50	160	500		1.600		5.000
20 kg	10	30	100	300	1.000		3.000		10.000
50 kg	25	80	250	800	2.500	5.000	8.000	16.000	25.000
		+/- g	+/- g	+/- g	+/- g	+/- g	+/- g	+/- g	+/- g
100 kg		0,16	0,5	1,6	5	10	16	30	50
200 kg		0,30	1,0	3,0	10	20	30	60	100
500 kg		0,80	2,5	8,0	25	50	80	160	250
1.000 kg		1,6	5	16	50	100	160	300	500
2.000 kg			10	30	100	200	300	600	1.000
5.000 kg			25	80	250	500	800	1.600	2.500

DEFAULT DENSITIES FOR WEIGHT MATERIALS

Ident.	Material	Density at 68°F kg/m³	Density uncertainty U(k=2) kg/m³
GG	Cast iron	7200	400
ST	Steel	7800	200
AL	Aluminium	2700	120
NS	German silver ickel silver	8600	170
MS	Brass finely turned	8400	100
MSN	Brass nickel plated	8400	100
MSM	Brass miralloy	8400	100
VA	Stainless steel	7900	140
HF12	austenit stainless steel	7950	80
HE210	Special stainless steel	8000	30

LIMITS OF MAGNETIC CHARACTERISTICS

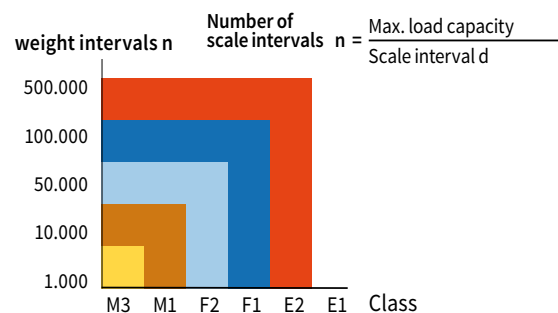
Class	Magnetization µM (µT)	Magnetic susceptibility X		
		m ≤ 1 g	2 g ≤ m ≤ 10 g	m ≤ 20 g
E1	< 2,5	< 0,25	< 0,06	< 0,02
E2	< 8	< 0,9	< 0,18	< 0,07
F1	< 25	< 10	< 0,7	< 0,2
F2	< 80	-	< 4	< 0,8
M1	< 250	-	-	-
M1-2	< 500	-	-	-
M2	< 800	-	-	-
M2-3	< 1600	-	-	-
M3	< 2500	-	-	-

EXAMPLE

A balance has a maximum rated capacity of 1,000 g and a scale division d of 10 mg. The user manual specifies an external calibration weight with a nominal value of 1 kg. According to step A.1, the number of scale intervals that the balance can measure is 100,000.

According to step A.2, the required tolerance with a nominal weight of 1 kg is between 5 and 10 mg. Tolerance class F1 meets this requirement (± 5 mg).

The following test loads are determined in step B.2: 250 g, 500 g, 750 g and 1 kg. According to OIML R111 the following four test weights in the class F1 are determined: 50 g, 200 g, 500 g and 1 kg.



Accuracy of the balance (scale)	Resolution of the balance: quotient of max. range/readability	Required tolerance class of the weights
IV Ordinary accuracy scale	$\leq 1.000 d$	Klasse M3
III Medium accuracy scale	$\leq 10.000 d$	Klasse M1
II Precision balance	$\leq 30.000 d$	Klasse F2
	$\leq 100.000 d$	Klasse F1
I Analytical balance	$\geq 100.000 d$	Klasse E2

A.

DETERMINE THE RIGHT TOLERANCE CLASS FOR THE TEST WEIGHTS

1. Determine the number of intervals n by dividing the maximum weight by the scale division d (smallest reading digit) of the weighing range (measuring range).

$$\text{Number of steps } n = \frac{\text{Max. load capacity}}{\text{Scale interval } d}$$

2. Determine the tolerance class of the test weights from the required tolerance.

Weighing range (measuring range)	Tolerance of the test weight, depending on the safety requirement
$n = 100.000$	0,5 d and 1 d
$100.000 < n < 500.000$	Between 1 d and 2 d
$n > 500.000$	less than 3 d

For this, choose a nominal value equal or close to the maximum value of the weighing range (measuring range). This nominal value should always be greater than 80% of the maximum rated capacity.

You can round up or down by a small amount. In case of doubt you should always choose the next smaller tolerance.

B.

DETERMINE THE REQUIRED NOMINAL VALUES (WEIGHTS)

1. Cursory testing

You can make most of the test measurements for the weighing range with just one test weight (nominal value). The nominal value of the external calibration weight is often used for this purpose (consult the user guide or operating software of your balance). This nominal value should always be greater than 80% of the maximum rated capacity.

2. Complete testing

Use this method to check the weighing range (measuring range) against the maximum potential requirements. The following four test loads are required: 25%, 50%, 75% and 100% (or at least 80%) of the maximum rated capacity.

The test weight for 100% (or at least 80%) of the maximum rated capacity should consist of just one weight, rather than a combination of several test weights.

If you have any questions, we would be pleased to advise you on choosing suitable test weights for your measuring or test task. We support you in the specification of test plans and give you recommendations about appropriate documentation and interpretation of your test results.

Composition of the standard weight sets

mg																													
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ADVICES FOR RELIABLE MEASURING RESULTS

Reliable, constant weighing and measuring results require compliance with the following rules:

1. Balances and measuring systems must be monitored and maintained competently. The metrological properties must be familiar.
2. Balances and measuring systems must be adjusted regularly – depending on frequency of use – with adjustment and test weights and must also be calibrated according to an acknowledged test method.
3. The adjustment and test weights you use must be traceable back to national normal weights, this is, they must be calibrated regularly.

4. The test and calibration results must be documented together with their uncertainty of measurement (e.g. by a protocol of the test for scales and a DAkkS calibration certificate for weights.)

5. Test and calibration results must be evaluated. The test and calibration periods for scales and weights must be determined and be controlled with a test plan.

6. Test protocols or calibration certificates must be kept for a sufficient long time.

Increase your competitiveness. The confidence of your customers is important.

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E0

Primary and Secondary Mass Standards of Class E0

As an national mass standard and/or for representing the national mass scale up to 50 kg. For the calibration of mass standards of the classes E1.

Weights in the exclusive assortment case.

ACCESSORIES



All weight sets include gloves, two brushes and two tweezers.

Up to 50 g without big tweezers, big brush and gloves.



CLEAN ROOM
PLASTIC CASES



MAHOGANY
WOODEN BOX



SERVICE
CASE



CLEAN ROOM CASE
removeable inserts



PLASTIC BOXES
WITH SCREWED
TOP



DOUBLE-GLAZED
BELL JAR



Primary standard weight

SPECIAL STAINLESS STEEL HE210

Cylinder shape

highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box without bell jar		with double-glazed bell jar and a special transport box		PTB Calibration certi- ficate U=1/5 E1 *		PTB Calibration certi- ficate U=50 µg	
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 kg	0,15	11.ZBHO-210	1650,00	11.ZBHS-210	3650,00	10.0000-216	1900,00	11.0000-216	2980,00

Milligramm weights

SPECIAL STAINLESS STEEL HE210 highly polished

Wire shape



SINGLE WEIGHT

Nominal value	Tol.	without box		Clean room plastic cases		Mahogany wooden box		PTB Calibration certi- ficate U=1/5 E1 *	
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 mg	0,0015	10.DBHO-010	75,00	10.DBHP-010	79,00	10.DBHM-010	98,00	10.0000-016	1450,00
2 mg	0,0015	10.DBHO-020	75,00	10.DBHP-020	79,00	10.DBHM-020	98,00	10.0000-026	1450,00
5 mg	0,0015	10.DBHO-030	75,00	10.DBHP-030	79,00	10.DBHM-030	98,00	10.0000-036	1450,00
10 mg	0,0015	10.DBHO-040	75,00	10.DBHP-040	79,00	10.DBHM-040	98,00	10.0000-046	1450,00
20 mg	0,0015	10.DBHO-050	75,00	10.DBHP-050	79,00	10.DBHM-050	98,00	10.0000-056	1450,00
50 mg	0,0020	10.DBHO-060	75,00	10.DBHP-060	79,00	10.DBHM-060	98,00	10.0000-066	1450,00
100 mg	0,0025	10.DBHO-070	75,00	10.DBHP-070	79,00	10.DBHM-070	98,00	10.0000-076	1450,00
200 mg	0,003	10.DBHO-080	75,00	10.DBHP-080	79,00	10.DBHM-080	98,00	10.0000-086	1450,00
500 mg	0,004	10.DBHO-090	75,00	10.DBHP-090	79,00	10.DBHM-090	98,00	10.0000-096	1450,00

SET

Nominal value	Quantity	without box		Clean room plastic cases		Mahogany wooden box **		PTB Calibration certi- ficate U=1/5 E1 *	
		Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 500 mg	12	10.XDHO-710	900,00	10.XDHP-710	963,00	10.XDHM-710	996,00	10.0000-716	7140,00

* U = 1/5 E1 uncertainty of measurement

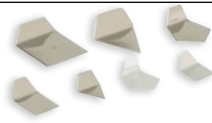
** wooden box, inside plastic case with antistatic stainless steel coating, tweezer and brush



Milligramm weights

ALUMINIUM / SPECIAL STAINLESS STEEL HE210

Flat polygonal sheets



highly polished

SINGLE WEIGHT

Nominal value Tol.		without box		 Clean room plastic cases	 Mahogany wooden box	PTB Calibration certificate U=1/5 E1 *			
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 mg	0,0015	10.PAHO-010	85,00	10.PAHP-010	89,00	10.PAHM-010	108,00	10.0000-016	1450,00
2 mg	0,0015	10.PAHO-020	85,00	10.PAHP-020	89,00	10.PAHM-020	108,00	10.0000-026	1450,00
5 mg	0,0015	10.PAHO-030	85,00	10.PAHP-030	89,00	10.PAHM-030	108,00	10.0000-036	1450,00
10 mg	0,0015	10.PBHO-040	85,00	10.PBHP-040	89,00	10.PBHM-040	108,00	10.0000-046	1450,00
20 mg	0,0015	10.PBHO-050	85,00	10.PBHP-050	89,00	10.PBHM-050	108,00	10.0000-056	1450,00
50 mg	0,0020	10.PBHO-060	85,00	10.PBHP-060	89,00	10.PBHM-060	108,00	10.0000-066	1450,00
100 mg	0,0025	10.PBHO-070	85,00	10.PBHP-070	89,00	10.PBHM-070	108,00	10.0000-076	1450,00
200 mg	0,003	10.PBHO-080	85,00	10.PBHP-080	89,00	10.PBHM-080	108,00	10.0000-086	1450,00
500 mg	0,004	10.PBHO-090	85,00	10.PBHP-090	89,00	10.PBHM-090	108,00	10.0000-096	1450,00

SET

Nominal value	Quantity	without box		 Clean room plastic cases	 Mahogany wooden box **	PTB Calibration certificate U=1/5 E1 *			
		Art.no.	€	Art.no.	€	Art.no.	€		
1 mg – 500 mg	12	10.XPHO-710	1020,00	10.XPHP-710	1083,00	10.XPHM-710	1116,00	10.0000-716	7140,00

* U = 1/5 E1 uncertainty of measurement

** wooden box, inside plastic case with antistatic stainless steel coating, tweezer and brush



Knob weights



SPECIAL STAINLESS STEEL HE210

highly polished

SINGLE WEIGHT

No- minal value	Tol.			 Plastic boxes with screwed top	 Clean room plastic cases **	 Mahogany wooden box	 Clean room case removea- ble inserts	PTB Calibration cer- tificate U=1/5 E1 *					
												10.0000-	
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g	0,005	10.MBHO-110	115,00	10.MBHD-110	118,00	10.MBHP-110	119,00	10.MBHM-110	141,50			...116	1900,00
2 g	0,006	10.MBHO-120	120,00	10.MBHD-120	123,00	10.MBHP-120	124,00	10.MBHM-120	146,50			...126	1900,00
5 g	0,008	10.MBHO-130	125,00	10.MBHD-130	128,00	10.MBHP-130	129,00	10.MBHM-130	151,50			...136	1900,00
10 g	0,010	10.MBHO-140	135,00	10.MBHD-140	138,00	10.MBHP-140	139,00	10.MBHM-140	161,50			...146	1900,00
20 g	0,012	10.MBHO-150	140,00	10.MBHD-150	143,00	10.MBHP-150	144,00	10.MBHM-150	166,50			...156	1900,00
50 g	0,015	10.MBHO-160	180,00	10.MBHD-160	184,50	10.MBHP-160	184,00	10.MBHM-160	207,00			...166	1900,00
100 g	0,025	10.MBHO-170	220,00	10.MBHD-170	224,50	10.MBHP-170	270,00	10.MBHM-170	247,00	10.MBHR-170	300,00	...176	1900,00
200 g	0,050	10.MBHO-180	280,00	10.MBHD-180	285,00	10.MBHP-180	330,00	10.MBHM-180	307,00	10.MBHR-180	395,00	...186	1900,00
500 g	0,125	10.MBHO-190	380,00	10.MBHD-190	385,80	10.MBHP-190	430,00	10.MBHM-190	409,50	10.MBHR-190	555,00	...196	1900,00
1 kg	0,25	10.MBHO-210	600,00	10.MBHD-210	607,50	10.MBHP-210	715,00	10.MBHM-210	635,00	10.MBHR-210	820,00	...216	1900,00
2 kg	0,5	10.MBHO-220	850,00	10.MBHD-220	862,00	10.MBHP-220	965,00	10.MBHM-220	893,00	10.MBHR-220	1149,00	...226	1950,00
5 kg	1,2	10.MBHO-230	1350,00	10.MBHD-230	1368,00	10.MBHP-230	1465,00	10.MBHM-230	1414,00	10.MBHR-230	1740,00	...236	1960,00
10 kg	2,5	10.MBHO-240	2100,00	10.MBHD-240	2134,00	10.MBHP-240	2235,00	10.MBHM-240	2186,00	10.MBHR-240	2560,00	...246	1980,00
20 kg	5	10.MBHO-250	2800,00					10.MBHM-250	3110,00	10.MBHR-250	3475,00	...256	1800,00
50 kg	12	10.MBHO-260	5600,00					10.MBHM-260	5935,00	10.MBHR-260	6540,00	...266	1850,00

Nominal value							Service case	PTB Calibration certificate U=1/5 E1 *	
Tol.									
+/- mg						Art.-Nr.	€	10.0000- Art.-Nr.	€
5 kg	1,2					10.MBHS-230	1555,00	...236	1960,00
10 kg	2,5					10.MBHS-240	2310,00	...246	1980,00
20 kg	5					10.MBHS-250	3075,00	...256	1800,00
50 kg	12					10.MBHS-260	5950,00	...266	1850,00

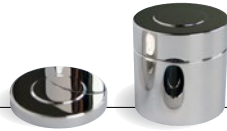
SETS

Nominal value	Qty.	Splitting up	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case removable inserts	PTB Calibration certificate U=1/5 E1 *					
10.0000-													
				Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
1 g – 5 g	3	1, 2, 5 g	8 g	10.XTHP-530	365,00	10.XTHM-530	448,00	10.XTHS-530	660,00	10.XTHR-530	1085,00	...536	4480,00
10 g – 50 g	3	10, 20, 50 g	80 g	10.XTHP-650	510,00	10.XTHM-650	543,00	10.XTHS-650	755,00	10.XTHR-650	1180,00	...656	4480,00
100 g – 500 g	3	100, 200, 500 g	800 g	10.XTHP-660	947,00	10.XTHM-660	1030,00	10.XTHS-660	1192,00	10.XTHR-660	1617,00	...666	4480,00
100 g – 1 kg	4	100, 200, 500, ...	1.800 g	10.XTHP-670	1612,00	10.XTHM-670	1638,00	10.XTHS-670	1817,00	10.XTHR-670	2217,00	...676	5770,00
1 g – 1 kg	10	1, 2, 5, ...	1.888 g	10.XTHP-610	2427,00	10.XTHM-610	2453,00	10.XTHS-610	2632,00	10.XTHR-610	3032,00	...616	11400,00
1 kg – 5 kg	3	1, 2, 5 kg	8.000 g	10.XTHP-680	2932,00	10.XTHM-680	3102,00	10.XTHS-680	3207,00	10.XTHR-680	3897,00	...686	4639,00
2 kg – 10 kg	3	2, 5, 10, kg	17.000 g	10.XTHP-690	4452,00	10.XTHM-690	4677,00	10.XTHS-690	5077,00	10.XTHR-690	5517,00	...696	4700,00
1 g – 10 kg	13	1, 2, 5, ...	18.888 g	10.XTHP-640	6747,00	10.XTHM-640	6972,00	10.XTHS-640	7372,00	10.XTHR-640	7812,00	...646	15550,00

* U = 1/5 E1 uncertainty of measurement

** up from 100 g in a plastic case with foam insert

Disc weights



SPECIAL STAINLESS STEEL HE210

highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases **	 Mahogany wooden box	 Clean room case removeable inserts	PTB Calibration certificate U=1/5 E1 *			
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g	0,005	10.SBHO-110	220,00	10.SBHD-110	223,00	10.SBHP-110	224,00	10.SBHM-110	246,50		...116 1900,00
2 g	0,006	10.SBHO-120	220,00	10.SBHD-120	223,00	10.SBHP-120	224,00	10.SBHM-120	246,50		...126 1900,00
5 g	0,008	10.SBHO-130	220,00	10.SBHD-130	223,00	10.SBHP-130	224,00	10.SBHM-130	246,50		...136 1900,00
10 g	0,010	10.SBHO-140	280,00	10.SBHD-140	283,00	10.SBHP-140	284,00	10.SBHM-140	306,50		...146 1900,00
20 g	0,012	10.SBHO-150	290,00	10.SBHD-150	293,00	10.SBHP-150	294,00	10.SBHM-150	316,50		...156 1900,00
50 g	0,015	10.SBHO-160	340,00	10.SBHD-160	344,50	10.SBHP-160	344,00	10.SBHM-160	367,00		...166 1900,00
100 g	0,025	10.SBHO-170	390,00	10.SBHD-170	394,50	10.SBHP-170	440,00	10.SBHM-170	417,00	10.SBHR-170 470,00	...176 1900,00
200 g	0,050	10.SBHO-180	450,00	10.SBHD-180	455,00	10.SBHP-180	500,00	10.SBHM-180	477,00	10.SBHR-180 565,00	...186 1900,00
500 g	0,125	10.SBHO-190	550,00	10.SBHD-190	555,80	10.SBHP-190	600,00	10.SBHM-190	579,50	10.SBHR-190 725,00	...196 1900,00
1 kg	0,25	10.SBHO-210	800,00	10.SBHD-210	807,50	10.SBHP-210	915,00	10.SBHM-210	835,00	10.SBHR-210 1020,00	...216 1900,00
2 kg	0,5	10.SBHO-220	1100,00	10.SBHD-220	1112,00	10.SBHP-220	1215,00	10.SBHM-220	1143,00	10.SBHR-220 1399,00	...226 1950,00
5 kg	1,2	10.SBHO-230	1600,00	10.SBHD-230	1618,00	10.SBHP-230	1715,00	10.SBHM-230	1664,00	10.SBHR-230 1990,00	...236 1960,00
10 kg	2,5	10.SBHO-240	2500,00	10.SBHD-240	2534,00	10.SBHP-240	2635,00	10.SBHM-240	2586,00	10.SBHR-240 2960,00	...246 1980,00
20 kg	5	10.SBHO-250	3100,00					10.SBHM-250	3410,00	10.SBHR-250 3775,00	...256 1800,00
50 kg	12	10.SBHO-260	5800,00					10.SBHM-260	6135,00	10.SBHR-260 6740,00	...266 1850,00

Nominal value	Tol.		Service case	PTB Calibration certificate U=1/5 E1 *
+/- mg	Art.no.	€	Art.no.	€
5 kg 1,2	10.SBHS-230 1805,00		...236	1960,00
10 kg 2,5	10.SBHS-240 2710,00		...246	1980,00
20 kg 5	10.SBHS-250 3375,00		...256	1800,00
50 kg 12	10.SBHS-260 6150,00		...266	1850,00

SETS

Nominal value	Qty.	Splitting up	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case removeable inserts	PTB Calibration certificate U=1/5 E1 *			
				Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1g–5g	3	1, 2, 5 g	8 g	10.XSHP-530 715,00	10.XSHM-530 748,00	10.XSHS-530 960,00	10.XSHR-530 1385,00	...536	4480,00		
10g–50g	3	10, 20, 50 g	80 g	10.XSHP-650 965,00	10.XSHM-650 998,00	10.XSHS-650 1210,00	10.XSHR-650 1635,00	...656	4480,00		
100g–500g	3	100, 200, 500 g	800 g	10.XSHP-660 1457,00	10.XSHM-660 1540,00	10.XSHS-660 1702,00	10.XSHR-660 2127,00	...666	4480,00		
100g–1kg	4	100, 200, 500...	1.800 g	10.XSHP-670 2322,00	10.XSHM-670 2348,00	10.XSHS-670 2527,00	10.XSHR-670 2927,00	...676	5770,00		
1g–1kg	10	1, 2, 5, ...	1.888 g	10.XSHP-610 3452,00	10.XSHM-610 3478,00	10.XSHS-610 3657,00	10.XSHR-610 4057,00	...616	11400,00		
1kg–5kg	3	1, 2, 5 kg	8.000 g	10.XSHP-680 3632,00	10.XSHM-680 3802,00	10.XSHS-680 3907,00	10.XSHR-680 4597,00	...686	4639,00		
2kg–10kg	3	2, 5, 10, kg	17.000 g	10.XSHP-690 5352,00	10.XSHM-690 5577,00	10.XSHS-690 5977,00	10.XSHR-690 6417,00	...696	4700,00		
1g–10kg	13	1, 2, 5, ...	18.888 g	10.XSHP-640 8672,00	10.XSHM-640 8897,00	10.XSHS-640 9297,00	10.XSHR-640 9737,00	...646	15550,00		

* U = 1/5 E1 uncertainty of measurement

** up from 100 g in a plastic case with foam insert

E1**Reference Mass Standards
and Weights of Class E1**

Adjustment, testing and calibration instrument within the quality assurance of balances with steps $> 1\,000\,000$ according to DIN EN ISO 9001ff etc. For calibration of weights of the class E2 according to OIML R111. Within high-precision weighing or comparisons weight on mass comparators.



Weights in the exclusive assortment case.

ACCESSORIES

All weight sets include gloves, two brushes and two tweezers.

Up to 50 g without big tweezers, big brush and gloves.



CLEAN ROOM
PLASTIC CASES



MAHOGANY
WOODEN BOX



SERVICE
CASE



CLEAN ROOM CASE
removeable inserts



PLASTIC BOXES
WITH SCREWED
TOP

Milligramm weights

SPECIAL STAINLESS STEEL HE210 highly polished

Wire shape



SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases	 Mahogany wooden box	PTB Calibration certificate	DAkkS Calibration certificate					
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	9.0000- Art.no.	€	9.0000- Art.no.	€		
1 mg	0,003	9.DBHO-010	53,00	9.DBHD-010	56,00	9.DBHP-010	57,00	9.DAHM-010	76,00	...016	1230,00	...011	80,00
2 mg	0,003	9.DBHO-020	53,00	9.DBHD-020	56,00	9.DBHP-020	57,00	9.DAHM-020	76,00	...026	1230,00	...021	80,00
5 mg	0,003	9.DBHO-030	53,00	9.DBHD-030	56,00	9.DBHP-030	57,00	9.DAHM-030	76,00	...036	1230,00	...031	80,00
10 mg	0,003	9.DBHO-040	53,00	9.DBHD-040	56,00	9.DBHP-040	57,00	9.DBHM-040	76,00	...046	1230,00	...041	80,00
20 mg	0,003	9.DBHO-050	53,00	9.DBHD-050	56,00	9.DBHP-050	57,00	9.DBHM-050	76,00	...056	1230,00	...051	80,00
50 mg	0,004	9.DBHO-060	53,00	9.DBHD-060	56,00	9.DBHP-060	57,00	9.DBHM-060	76,00	...066	1230,00	...061	80,00
100 mg	0,005	9.DBHO-070	53,00	9.DBHD-070	56,00	9.DBHP-070	57,00	9.DBHM-070	76,00	...076	1230,00	...071	80,00
200 mg	0,006	9.DBHO-080	53,00	9.DBHD-080	56,00	9.DBHP-080	57,00	9.DBHM-080	76,00	...086	1230,00	...081	80,00
500 mg	0,008	9.DBHO-090	53,00	9.DBHD-090	56,00	9.DBHP-090	57,00	9.DBHM-090	76,00	...096	1230,00	...091	80,00

SET

Nominal value	Qty.	Content	 Clean room plastic cases	 Mahogany wooden box *	PTB Calibration certificate	DAkkS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€		
1 mg – 500 mg	12	1,11 g	9.XEHP-710	699,00	9.XEHM-710	732,00	9.0000-716	5700,00	9.0000-711	360,00

* wooden box, inside plastic case with antistatic stainless steel coating, tweezer and brush

Milligramm weights

ALUMINIUM / SPECIAL STAINLESS STEEL HE210

Flat polygonal sheets



highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases	 Mahogany wooden box	PTB Calibration certificate	DAkkS Calibration certificate					
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	9.0000- Art.no.	€	9.0000- Art.no.	€
1 mg *	0,003	9.PAHO-010	54,00	9.PAHD-010	57,00	9.PAHP-010	58,00	9.PAHM-010	77,00	...016	1230,00	...011	80,00
2 mg *	0,003	9.PAHO-020	54,00	9.PAHD-020	57,00	9.PAHP-020	58,00	9.PAHM-020	77,00	...026	1230,00	...021	80,00
5 mg *	0,003	9.PAHO-030	54,00	9.PAHD-030	57,00	9.PAHP-030	58,00	9.PAHM-030	77,00	...036	1230,00	...031	80,00
10 mg	0,003	9.PBHO-040	54,00	9.PBHD-040	57,00	9.PBHP-040	58,00	9.PBHM-040	77,00	...046	1230,00	...041	80,00
20 mg	0,003	9.PBHO-050	54,00	9.PBHD-050	57,00	9.PBHP-050	58,00	9.PBHM-050	77,00	...056	1230,00	...051	80,00
50 mg	0,004	9.PBHO-060	54,00	9.PBHD-060	57,00	9.PBHP-060	58,00	9.PBHM-060	77,00	...066	1230,00	...061	80,00
100 mg	0,005	9.PBHO-070	54,00	9.PBHD-070	57,00	9.PBHP-070	58,00	9.PBHM-070	77,00	...076	1230,00	...071	80,00
200 mg	0,006	9.PBHO-080	54,00	9.PBHD-080	57,00	9.PBHP-080	58,00	9.PBHM-080	77,00	...086	1230,00	...081	80,00
500 mg	0,008	9.PBHO-090	54,00	9.PBHD-090	57,00	9.PBHP-090	58,00	9.PBHM-090	77,00	...096	1230,00	...091	80,00

* 1 mg - 5 mg made of aluminium

SET

Nominal value	Qty.	Content	 Clean room plastic cases	 Mahogany wooden box	PTB Calibration certificate	DAkkS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€		
1 mg – 500 mg	12	1.11 g	9.XNHP-710	711.00	9.XNHM-710	744.00	9.0000-716	5700.00	9.0000-711	360.00

Knob weights



SPECIAL STAINLESS STEEL HE210

highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases *	 Mahogany wooden box	PTB Calibration certificate		DAkKS Calibra- tion certificate					
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	9.0000- Art.no.	€	9.0000- Art.no.	€		
1 g	0,010	9.MBHO-110	89,00	9.MBHD-110	92,00	9.MBHP-110	93,00	9.MBHM-110	115,50	...116	1230,00	...111	225,00
2 g	0,012	9.MBHO-120	94,00	9.MBHD-120	97,00	9.MBHP-120	98,00	9.MBHM-120	120,50	...126	1230,00	...121	225,00
5 g	0,016	9.MBHO-130	98,00	9.MBHD-130	101,00	9.MBHP-130	102,00	9.MBHM-130	124,50	...136	1230,00	...131	225,00
10 g	0,020	9.MBHO-140	105,00	9.MBHD-140	108,00	9.MBHP-140	109,00	9.MBHM-140	131,50	...146	1230,00	...141	225,00
20 g	0,025	9.MBHO-150	112,00	9.MBHD-150	115,00	9.MBHP-150	116,00	9.MBHM-150	138,50	...156	1230,00	...151	225,00
50 g	0,03	9.MBHO-160	135,00	9.MBHD-160	139,50	9.MBHP-160	139,00	9.MBHM-160	162,00	...166	1230,00	...161	225,00
100 g	0,05	9.MBHO-170	175,00	9.MBHD-170	179,50	9.MBHP-170	225,00	9.MBHM-170	202,00	...176	1230,00	...171	225,00
200 g	0,10	9.MBHO-180	212,00	9.MBHD-180	217,00	9.MBHP-180	262,00	9.MBHM-180	239,00	...186	1230,00	...181	225,00
500 g	0,25	9.MBHO-190	290,00	9.MBHD-190	295,80	9.MBHP-190	340,00	9.MBHM-190	319,50	...196	1230,00	...191	225,00
1 kg	0,5	9.MBHO-210	450,00	9.MBHD-210	457,50	9.MBHP-210	565,00	9.MBHM-210	485,00	...216	1230,00	...211	225,00
2 kg	1,0	9.MBHO-220	640,00	9.MBHD-220	652,00	9.MBHP-220	755,00	9.MBHM-220	683,00	...226	1530,00	...221	460,00
5 kg	2,5	9.MBHO-230	1080,00	9.MBHD-230	1098,00	9.MBHP-230	1195,00	9.MBHM-230	1144,00	...236	1540,00	...231	460,00
10 kg	5	9.MBHO-240	1700,00	9.MBHD-240	1734,00	9.MBHP-240	1835,00	9.MBHM-240	1786,00	...246	1560,00	...241	460,00
20 kg	10	9.MBHO-250	2170,00					9.MBHM-250	2480,00	...256	1650,00	...251	760,00
50 kg	25	9.MBHO-260	4435,00					9.MBHM-260	4770,00	...266	1700,00	...261	920,00

Nominal value	Tol.	 Clean room case removeable inserts	 Service case	PTB Calibration certificate		DAKKS Calibra- tion certificate			
	+/- mg	Art.no.	€	Art.no.	€	9.0000- Art.no.	€	9.0000- Art.no.	€
100 g	0,05	9.MBHR-170	255,00			...176	1230,00	...171	225,00
200 g	0,10	9.MBHR-180	327,00			...186	1230,00	...181	225,00
500 g	0,25	9.MBHR-190	465,00			...196	1230,00	...191	225,00
1 kg	0,5	9.MBHR-210	670,00			...216	1230,00	...211	225,00
2 kg	1,0	9.MBHR-220	939,00			...226	1530,00	...221	460,00
5 kg	2,5	9.MBHR-230	1470,00	9.MBHS-230	1285,00	...236	1540,00	...231	460,00
10 kg	5	9.MBHR-240	2160,00	9.MBHS-240	1910,00	...246	1560,00	...241	460,00
20 kg	10	9.MBHR-250	2845,00	9.MBHS-250	2445,00	...256	1650,00	...251	760,00
50 kg	25	9.MBHR-260	5375,00	9.MBHS-260	4785,00	...266	1700,00	...261	920,00

* up from 100 g in a plastic case with foam insert



Knob weights


SPECIAL STAINLESS STEEL HE210

highly polished

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	PTB Calibration certificate	DAkkS Calibration certificate				
			Art.no.	€	Art.no.	€	9.0000- Art.no.	€	9.0000- Art.no.	€
1 g – 50 g	8	110 g	9.XTHP-560	906,00	9.XTHM-560	939,00	...566	5680,00	...561	900,00
1 g – 100 g	9	210 g	9.XTHP-570	1081,00	9.XTHM-570	1114,00	...576	5720,00	...571	1013,00
1 g – 200 g	11	610 g	9.XTHP-580	1505,00	9.XTHM-580	1538,00	...586	5720,00	...581	1238,00
1 g – 500 g	12	1.110 g	9.XTHP-590	1795,00	9.XTHM-590	1878,00	...596	5730,00	...591	1350,00
1 g – 1 kg	13	2.110 g	9.XTHP-610	2310,00	9.XTHM-610	2336,00	...616	5730,00	...611	1463,00
1 g – 2 kg	15	6.110 g	9.XTHP-620	3590,00	9.XTHM-620	3664,00	...626	7580,00	...621	1836,00
1 g – 5 kg	16	11.110 g	9.XTHP-630	4670,00	9.XTHM-630	4840,00	...636	8500,00	...631	2024,00
1 g – 10 kg	17	21.110 g	9.XTHP-640	6390,00	9.XTHM-640	6615,00	...646	9500,00	...641	2252,00
10 g – 50 g	3	80 g	9.XTHP-650	419,00	9.XTHM-650	452,00	...656	2500,00	...651	488,00
100 g – 500 g	3	800 g	9.XTHP-660	744,00	9.XTHM-660	827,00	...666	2500,00	...661	488,00
100 g – 1 kg	4	1.800 g	9.XTHP-670	1259,00	9.XTHM-670	1285,00	...676	3140,00	...671	570,00
1 kg – 5 kg	4	10.000 g	9.XTHP-680	2302,00	9.XTHM-680	2472,00	...686	4050,00	...681	570,00
2 kg – 10 kg	3	17.000 g	9.XTHP-690	3572,00	9.XTHM-690	3797,00	...696	3430,00	...691	870,00

Nominal value	Qty.	Content	 Service case	 Clean room case removeable inserts	PTB Calibration certificate	DAkkS Calibration certificate				
			Art.no.	€	Art.no.	€	9.0000- Art.no.	€	9.0000- Art.no.	€
1 g – 50 g	8	110 g			9.XTHR-560	1576,00	...566	5680,00	...561	900,00
1 g – 100 g	9	210 g	9.XTHS-570	1326,00	9.XTHR-570	1751,00	...576	5720,00	...571	1013,00
1 g – 200 g	11	610 g	9.XTHS-580	1750,00	9.XTHR-580	2175,00	...586	5720,00	...581	1238,00
1 g – 500 g	12	1.110 g	9.XTHS-590	2040,00	9.XTHR-590	2465,00	...596	5730,00	...591	1350,00
1 g – 1 kg	13	2.110 g	9.XTHS-610	2515,00	9.XTHR-610	2915,00	...616	5730,00	...611	1463,00
1 g – 2 kg	15	6.110 g	9.XTHS-620	3825,00	9.XTHR-620	4325,00	...626	7580,00	...621	1836,00
1 g – 5 kg	16	11.110 g	9.XTHS-630	4945,00	9.XTHR-630	5635,00	...636	8500,00	...631	2024,00
1 g – 10 kg	17	21.110 g	9.XTHS-640	7015,00	9.XTHR-640	7455,00	...646	9500,00	...641	2252,00
10 g – 50 g	3	80 g	9.XTHS-650	664,00	9.XTHR-650	1089,00	...656	2500,00	...651	488,00
100 g – 500 g	3	800 g	9.XTHS-660	989,00	9.XTHR-660	1414,00	...666	2500,00	...661	488,00
100 g – 1 kg	4	1.800 g	9.XTHS-670	1464,00	9.XTHR-670	1864,00	...676	3140,00	...671	570,00
1 kg – 5 kg	4	10.000 g	9.XTHS-680	2577,00	9.XTHR-680	3267,00	...686	4050,00	...681	570,00
2 kg – 10 kg	3	17.000 g	9.XTHS-690	4197,00	9.XTHR-690	4637,00	...696	3430,00	...691	870,00



Knob weights



SPECIAL STAINLESS STEEL HE210

highly polished

SETS with mg- weights (flat polygonal sheets)

Nominal value	Qty.	Content	 Clean room plastic cases	 Mahogany wooden box	 Service case	 Clean room case removeable inserts	PTB Calibration certificate	DAkKS Calibration certificate						
			Art.no.	€	Art.no.	€	Art.no.	€	9.0000- Art.no.	€	9.0000- Art.no.	€		
1 mg – 5 g	16	6,11 g	9.XNHP-730	1086,00	9.XNHM-730	1119,00			...736	8250,00	...731	1200,00		
1 mg – 50 g	20	111,11 g	9.XNHP-760	1562,00	9.XNHM-760	1595,00		9.XNHR-760	2232,00	...766	10800,00	...761	1260,00	
1 mg – 100 g	21	211,11 g	9.XNHP-770	1737,00	9.XNHM-770	1770,00	9.XNHS-770	1982,00	9.XNHR-770	2407,00	...776	10800,00	...771	1372,00
1 mg – 200 g	23	611,11 g	9.XNHP-780	2161,00	9.XNHM-780	2194,00	9.XNHS-780	2406,00	9.XNHR-780	2831,00	...786	10800,00	...781	1598,00
1 mg – 500 g	24	1.111,11 g	9.XNHP-790	2451,00	9.XNHM-790	2534,00	9.XNHS-790	2696,00	9.XNHR-790	3121,00	...796	10800,00	...791	1710,00
1 mg – 1 kg	25	2.111,11 g	9.XNHP-810	2966,00	9.XNHM-810	2992,00	9.XNHS-810	3171,00	9.XNHR-810	3571,00	...816	10800,00	...811	1825,00
1 mg – 2 kg	27	6.111,11 g	9.XNHP-820	4246,00	9.XNHM-820	4320,00	9.XNHS-820	4481,00	9.XNHR-820	4981,00	...826	12700,00	...821	2195,00
1 mg – 5 kg	28	11.111,11 g	9.XNHP-830	5326,00	9.XNHM-830	5496,00	9.XNHS-830	5601,00	9.XNHR-830	6291,00	...836	13600,00	...831	2382,00
1 mg – 10 kg	29	21.111,11 g	9.XNHP-840	7046,00	9.XNHM-840	7271,00	9.XNHS-840	7671,00	9.XNHR-840	8111,00	...846	14600,00	...841	2612,00
1 mg – 1 kg (2x)	38	3.778,22 g	9.XNHP-850	4772,00	9.XNHM-850	4824,00	9.XNHS-850	5182,00	9.XNHR-850	5982,00	...856	13300,00	...851	1935,00

SETS with mg- weights (wire shape)

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case removeable inserts	PTB Calibration certi- ficate	DAKKS Calibration certificate						
			Art.no.	€	Art.no.	€	Art.no.	€	9.0000- Art.no.	€	9.0000- Art.no.	€		
1 mg – 5 g	16	6,11 g	9.XEHP-730	1074,00	9.XEHM-730	1107,00			...736	8250,00	...731	1200,00		
1 mg – 50 g	20	111,11 g	9.XEHP-760	1550,00	9.XEHM-760	1583,00		9.XEHR-760	2220,00	...766	10800,00	...761	1260,00	
1 mg – 100 g	21	211,11 g	9.XEHP-770	1725,00	9.XEHM-770	1758,00	9.XEHS-770	1970,00	9.XEHR-770	2395,00	...776	10800,00	...771	1372,00
1 mg – 200 g	23	611,11 g	9.XEHP-780	2149,00	9.XEHM-780	2182,00	9.XEHS-780	2394,00	9.XEHR-780	2819,00	...786	10800,00	...781	1598,00
1 mg – 500 g	24	1.111,11 g	9.XEHP-790	2439,00	9.XEHM-790	2522,00	9.XEHS-790	2684,00	9.XEHR-790	3109,00	...796	10800,00	...791	1710,00
1 mg – 1 kg	25	2.111,11 g	9.XEHP-810	2954,00	9.XEHM-810	2980,00	9.XEHS-810	3159,00	9.XEHR-810	3559,00	...816	10800,00	...811	1825,00
1 mg – 2 kg	27	6.111,11 g	9.XEHP-820	4234,00	9.XEHM-820	4308,00	9.XEHS-820	4469,00	9.XEHR-820	4969,00	...826	12700,00	...821	2195,00
1 mg – 5 kg	28	11.111,11 g	9.XEHP-830	5314,00	9.XEHM-830	5484,00	9.XEHS-830	5589,00	9.XEHR-830	6279,00	...836	13600,00	...831	2382,00
1 mg – 10 kg	29	21.111,11 g	9.XEHP-840	7034,00	9.XEHM-840	7259,00	9.XEHS-840	7659,00	9.XEHR-840	8099,00	...846	14600,00	...841	2612,00
1 mg – 1 kg (2x)	38	3.778,22 g	9.XEHP-850	4754,00	9.XEHM-850	4806,00	9.XEHS-850	5164,00	9.XEHR-850	5964,00	...856	13300,00	...851	1935,00



Disc weights



SPECIAL STAINLESS STEEL HE210

highly polished

SINGLE WEIGHT

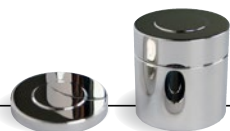
Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases *	 Mahogany wooden box	 Clean room case removeable inserts	PTB Calibration certificate	DAkKS Calibration certificate						
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	9.0000- Art.no.	€	9.0000- Art.no.	€
1 g	0,010	9.SBHO-110	132,00	9.SBHD-110	135,00	9.SBHP-110	136,00	9.SBHM-110	150,00			...116	1230,00	...111	225,00
2 g	0,012	9.SBHO-120	132,00	9.SBHD-120	135,00	9.SBHP-120	136,00	9.SBHM-120	150,00			...126	1230,00	...121	225,00
5 g	0,016	9.SBHO-130	132,00	9.SBHD-130	135,00	9.SBHP-130	136,00	9.SBHM-130	150,00			...136	1230,00	...131	225,00
10 g	0,020	9.SBHO-140	220,00	9.SBHD-140	223,00	9.SBHP-140	224,00	9.SBHM-140	246,50			...146	1230,00	...141	225,00
20 g	0,025	9.SBHO-150	230,00	9.SBHD-150	233,00	9.SBHP-150	234,00	9.SBHM-150	256,50			...156	1230,00	...151	225,00
50 g	0,03	9.SBHO-160	270,00	9.SBHD-160	274,50	9.SBHP-160	274,00	9.SBHM-160	296,50			...166	1230,00	...161	225,00
100 g	0,05	9.SBHO-170	310,00	9.SBHD-170	314,50	9.SBHP-170	360,00	9.SBHM-170	336,50	9.SBHR-170	390,00	...176	1230,00	...171	225,00
200 g	0,10	9.SBHO-180	360,00	9.SBHD-180	365,00	9.SBHP-180	410,00	9.SBHM-180	386,50	9.SBHR-180	475,00	...186	1230,00	...181	225,00
500 g	0,25	9.SBHO-190	440,00	9.SBHD-190	445,80	9.SBHP-190	490,00	9.SBHM-190	469,50	9.SBHR-190	615,00	...196	1230,00	...191	225,00
1 kg	0,5	9.SBHO-210	650,00	9.SBHD-210	657,50	9.SBHP-210	765,00	9.SBHM-210	683,00	9.SBHR-210	870,00	...216	1230,00	...211	225,00
2 kg	1,0	9.SBHO-220	900,00	9.SBHD-220	912,00	9.SBHP-220	1015,00	9.SBHM-220	942,50	9.SBHR-220	1199,00	...226	1530,00	...221	460,00
5 kg	2,5	9.SBHO-230	1300,00	9.SBHD-230	1318,00	9.SBHP-230	1415,00	9.SBHM-230	1363,50	9.SBHR-230	1690,00	...236	1540,00	...231	460,00
10 kg	5	9.SBHO-240	2050,00	9.SBHD-240	2084,00	9.SBHP-240	2185,00	9.SBHM-240	2135,00	9.SBHR-240	2510,00	...246	1560,00	...241	460,00
20 kg	10	9.SBHO-250	2600,00					9.SBHM-250	2845,00	9.SBHR-250	3275,00	...256	1650,00	...251	760,00
50 kg	25	9.SBHO-260	5150,00					9.SBHM-260	5450,00	9.SBHR-260	6090,00	...266	1700,00	...261	920,00

Nominal value		Tol.		 Service case	PTB Calibration certificate	DAkKS Calibration certificate	
		+/- mg		Art.no.	€	Art.no.	€
5 kg	2,5			9.SBHS-230	1505,00	...236	1540,00
10 kg	5			9.SBHS-240	2260,00	...246	1560,00
20 kg	10			9.SBHS-250	2875,00	...256	1650,00
50 kg	25			9.SBHS-260	5500,00	...266	1700,00

* up from 100 g in a plastic case with foam insert



Disc weights



SPECIAL STAINLESS STEEL HE210

highly polished

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case removeable inserts	PTB Calibration certificate	DAKKS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g – 5 g	4	9 g	9.XSHP-530	595,00	9.XSHM-530	628,00	9.XSHS-530	840,00	9.XSHR-530	1265,00	...536	570,00
1 g – 50 g	8	110 g	9.XSHP-560	1545,00	9.XSHM-560	1578,00	9.XSHS-560	1790,00	9.XSHR-560	2215,00	...566	900,00
1 g – 100 g	9	210 g	9.XSHP-570	1855,00	9.XSHM-570	1888,00	9.XSHS-570	2100,00	9.XSHR-570	2525,00	...576	1013,00
1 g – 200 g	11	610 g	9.XSHP-580	2575,00	9.XSHM-580	2608,00	9.XSHS-580	2820,00	9.XSHR-580	3245,00	...586	1238,00
1 g – 500 g	12	1.110 g	9.XSHP-590	3015,00	9.XSHM-590	3098,00	9.XSHS-590	3260,00	9.XSHR-590	3685,00	...596	1350,00
1 g – 1 kg	13	2.110 g	9.XSHP-610	3730,00	9.XSHM-610	3756,00	9.XSHS-610	3935,00	9.XSHR-610	4335,00	...616	1463,00
1 g – 2 kg	15	6.110 g	9.XSHP-620	5530,00	9.XSHM-620	5604,00	9.XSHS-620	5765,00	9.XSHR-620	6265,00	...626	1836,00
1 g – 5 kg	16	11.110 g	9.XSHP-630	6830,00	9.XSHM-630	7000,00	9.XSHS-630	7105,00	9.XSHR-630	7795,00	...636	2024,00
1 g – 10 kg	17	21.110 g	9.XSHP-640	8900,00	9.XSHM-640	9125,00	9.XSHS-640	9525,00	9.XSHR-640	9965,00	...646	2252,00
10 g – 50 g	3	80 g	9.XSHP-650	770,00	9.XSHM-650	803,00	9.XSHS-650	1015,00	9.XSHR-650	1440,00	...656	488,00
100 g – 500 g	3	800 g	9.XSHP-660	1160,00	9.XSHM-660	1243,00	9.XSHS-660	1405,00	9.XSHR-660	1830,00	...666	488,00
100 g – 1 kg	4	1.800 g	9.XSHP-670	1875,00	9.XSHM-670	1901,00	9.XSHS-670	2080,00	9.XSHR-670	2480,00	...676	570,00
1 kg – 5 kg	4	10.000 g	9.XSHP-680	2965,00	9.XSHM-680	3135,00	9.XSHS-680	3240,00	9.XSHR-680	3930,00	...686	570,00
2 kg – 10 kg	3	17.000 g	9.XSHP-690	4385,00	9.XSHM-690	4610,00	9.XSHS-690	5010,00	9.XSHR-690	5450,00	...696	870,00



Weights with handle

SPECIAL STAINLESS STEEL HE210

highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box		 Clean room plastic cases *	 Mahogany wooden box	 Clean room case removeable inserts	PTB Calibration certificate		DAkks Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
5 kg	2,5	9.UBHO-230	1750,00	9.UBHP-230	1865,00	9.UBHM-230	1814,00	9.UBHR-230	2140,00	...236	1540,00	...231	460,00
10 kg	5	9.UBHO-240	2300,00	9.UBHP-240	2435,00	9.UBHM-240	2386,00	9.UBHR-240	2760,00	...246	1560,00	...241	460,00
20 kg	10	9.UBHO-250	2900,00			9.UBHM-250	3210,00	9.UBHR-250	3575,00	...256	1650,00	...251	760,00
50 kg	25	9.UBHO-260	5350,00			9.UBHM-260	5685,00	9.UBHR-260	6290,00	...266	1700,00	...261	920,00

Nominal value	Tol.			 Service case	PTB Calibration certificate		DAkks Calibration certificate		
	+/- mg			Art.no.	€	Art.no.	€	Art.no.	€
5 kg	2,5			9.UBHS-230	1955,00	...236	1540,00	...231	460,00
10 kg	5			9.UBHS-240	2510,00	...246	1560,00	...241	460,00
20 kg	10			9.UBHS-250	3175,00	...256	1650,00	...251	760,00
50 kg	25			9.UBHS-260	5700,00	...266	1700,00	...261	920,00

* up from 100 g in a plastic case with foam insert



E2

Weight Standards of Class E2

Adjustment, testing and calibration weights for high-resolution scales of class I. Within the quality assurance of scales with steps < 1 000 000 according to DIN EN ISO 9001ff etc. For weighing or mass comparisons on balances of class I or on mass comparators. For calibration of weights of classes F1 and F2 according to OIML R111.

Solid masses in highest quality

ACCESSORIES



All weight sets include gloves, two brushes and two tweezers.

Up to 50 g without big tweezers, big brush and gloves.



CLEAN ROOM
PLASTIC CASES



MAHOGANY
WOODEN BOX



SERVICE
CASE



CLEAN ROOM CASE
removeable inserts



PLASTIC BOXES
WITH SCREWED
TOP

Milligramm weights

STAINLESS STEEL HF12 HE210

Wire shape



highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases	 Mahogany wooden box	DAkks Calibration certificate				
		Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
1 mg	0,006	8.DBHO-010	22,50	8.DBHD-010	25,50	8.DBHP-010	26,50	8.DBHM-010	44,50	8.0000-011	27,50
2 mg	0,006	8.DBHO-020	22,50	8.DBHD-020	25,50	8.DBHP-020	26,50	8.DBHM-020	44,50	8.0000-021	27,50
5 mg	0,006	8.DBHO-030	22,50	8.DBHD-030	25,50	8.DBHP-030	26,50	8.DBHM-030	44,50	8.0000-031	27,50
10 mg	0,008	8.DBHO-040	22,50	8.DBHD-040	25,50	8.DBHP-040	26,50	8.DBHM-040	44,50	8.0000-041	27,50
20 mg	0,010	8.DBHO-050	22,50	8.DBHD-050	25,50	8.DBHP-050	26,50	8.DBHM-050	44,50	8.0000-051	27,50
50 mg	0,012	8.DBHO-060	22,50	8.DBHD-060	25,50	8.DBHP-060	26,50	8.DBHM-060	44,50	8.0000-061	27,50
100 mg	0,016	8.DBHO-070	22,50	8.DBHD-070	25,50	8.DBHP-070	26,50	8.DBHM-070	44,50	8.0000-071	27,50
200 mg	0,020	8.DBHO-080	22,50	8.DBHD-080	25,50	8.DBHP-080	26,50	8.DBHM-080	44,50	8.0000-081	27,50
500 mg	0,025	8.DBHO-090	22,50	8.DBHD-090	25,50	8.DBHP-090	26,50	8.DBHM-090	44,50	8.0000-091	27,50

SET

Nominal value	Qty.	Content	Clean room plastic cases		Mahogany wooden box **		DAkkS Calibration certificate	
			Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 500 mg	12	1,11 g	8.XEHP-710	333,00	8.XEHM-710	366,00	8.0000-711	186,00

** wooden box, inside plastic case with antistatic stainless steel coating, tweezer and brush

Milligramm weights

ALUMINIUM / GERMAN SILVER ICKEL SILVER

Flat polygonal sheets



SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases	 Mahogany wooden box	DAkkS Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
1 mg *	0,006	8.PAHO-010	22,00	8.PAHD-010	25,00	8.PAHP-010	26,00	8.PAHM-010	44,00	8.0000-011	27,50
2 mg *	0,006	8.PAHO-020	22,00	8.PAHD-020	25,00	8.PAHP-020	26,00	8.PAHM-020	44,00	8.0000-021	27,50
5 mg *	0,006	8.PAHO-030	22,00	8.PAHD-030	25,00	8.PAHP-030	26,00	8.PAHM-030	44,00	8.0000-031	27,50
10 mg	0,008	8.PNHO-040	22,00	8.PNHD-040	25,00	8.PNHP-040	26,00	8.PNHM-040	44,00	8.0000-041	27,50
20 mg	0,010	8.PNHO-050	22,00	8.PNHD-050	25,00	8.PNHP-050	26,00	8.PNHM-050	44,00	8.0000-051	27,50
50 mg	0,012	8.PNHO-060	22,00	8.PNHD-060	25,00	8.PNHP-060	26,00	8.PNHM-060	44,00	8.0000-061	27,50
100 mg	0,016	8.PNHO-070	22,00	8.PNHD-070	25,00	8.PNHP-070	26,00	8.PNHM-070	44,00	8.0000-071	27,50
200 mg	0,020	8.PNHO-080	22,00	8.PNHD-080	25,00	8.PNHP-080	26,00	8.PNHM-080	44,00	8.0000-081	27,50
500 mg	0,025	8.PNHO-090	22,00	8.PNHD-090	25,00	8.PNHP-090	26,00	8.PNHM-090	44,00	8.0000-091	27,50

* 1 mg - 5 mg made of aluminium

SET

Nominal value	Qty.	Content	Clean room plastic cases		Mahogany wooden box **		DAkkS Calibration certificate	
			Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 500 mg	12	1,11 g	8.XFHP-710	327,00	8.XFHM-710	360,00	8.0000-711	186,00

Knob weights



STAINLESS STEEL HF12 highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases*	 Mahogany wooden box	 Clean room case with insert	 DAKKS Calibration certificate						
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	8.0000- Art.no.	€	
1 g	0,030	8.MEHO-110	44,00	8.MEHD-110	47,00	8.MEHP-110	48,00	8.MEHM-110	70,50		...111	27,50	
2 g	0,040	8.MEHO-120	46,00	8.MEHD-120	49,00	8.MEHP-120	50,00	8.MEHM-120	72,50		...121	27,50	
5 g	0,050	8.MEHO-130	49,00	8.MEHD-130	52,00	8.MEHP-130	53,00	8.MEHM-130	75,50		...131	27,50	
10 g	0,060	8.MEHO-140	52,00	8.MEHD-140	55,00	8.MEHP-140	56,00	8.MEHM-140	78,50		...141	27,50	
20 g	0,080	8.MEHO-150	59,00	8.MEHD-150	62,00	8.MEHP-150	63,00	8.MEHM-150	85,50		...151	27,50	
50 g	0,10	8.MEHO-160	69,00	8.MEHD-160	73,50	8.MEHP-160	73,00	8.MEHM-160	96,00		...161	27,50	
100 g	0,16	8.MEHO-170	77,00	8.MEHD-170	81,50	8.MEHP-170	127,00	8.MEHM-170	104,00	8.MEHR-170	157,00	...171	35,00
200 g	0,3	8.MEHO-180	97,00	8.MEHD-180	102,00	8.MEHP-180	147,00	8.MEHM-180	124,00	8.MEHR-180	212,00	...181	35,00
500 g	0,8	8.MEHO-190	160,00	8.MEHD-190	165,80	8.MEHP-190	210,00	8.MEHM-190	189,50	8.MEHR-190	335,00	...191	35,00
1 kg	1,6	8.MEHO-210	235,00	8.MEHD-210	242,50	8.MEHP-210	350,00	8.MEHM-210	270,00	8.MEHR-210	455,00	...211	35,00
2 kg	3,0	8.MEHO-220	350,00	8.MEHD-220	362,00	8.MEHP-220	465,00	8.MEHM-220	393,00	8.MEHR-220	649,00	...221	45,00
5 kg	8,0	8.MEHO-230	510,00	8.MEHD-230	528,00	8.MEHP-230	625,00	8.MEHM-230	574,00	8.MEHR-230	900,00	...231	45,00
10 kg	16	8.MEHO-240	765,00	8.MEHD-240	799,00	8.MEHP-240	900,00	8.MEHM-240	851,00	8.MEHR-240	1225,00	...241	45,00
20 kg	30	8.MEHO-250	1090,00					8.MEHM-250	1400,00	8.MEHR-250	1765,00	...251	60,00
50 kg	80	8.MEHO-260	2480,00					8.MEHM-260	2790,00	8.MEHR-260	3420,00	...261	62,00

Nominal value						 Service case		 DAKKS Calibration certificate	
Tol.						Art.-Nr.		8.0000- Art.-Nr.	
+/- mg						€		€	
5 kg	8,0					8.MEHS-230	715,00	...231	45,00
10 kg	16					8.MEHS-240	975,00	...241	45,00
20 kg	30					8.MEHS-250	1365,00	...251	60,00
50 kg	80					8.MEHS-260	2830,00	...261	62,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	 DAKKS Calibration certificate					
										8.0000-		
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
1 g – 50 g	8	110 g	8.XTHP-560	491,00	8.XTHM-560	524,00		8.XTHR-560	1161,00	...561	124,00	
1 g – 100 g	9	210 g	8.XTHP-570	568,00	8.XTHM-570	601,00	8.XTHS-570	813,00	8.XTHR-570	1238,00	...571	150,00
1 g – 200 g	11	610 g	8.XTHP-580	762,00	8.XTHM-580	795,00	8.XTHS-580	1007,00	8.XTHR-580	1432,00	...581	202,00
1 g – 500 g	12	1.110 g	8.XTHP-590	922,00	8.XTHM-590	1005,00	8.XTHS-590	1167,00	8.XTHR-590	1592,00	...591	228,00
1 g – 1 kg	13	2.110 g	8.XTHP-610	1222,00	8.XTHM-610	1248,00	8.XTHS-610	1427,00	8.XTHR-610	1827,00	...611	254,00
1 g – 2 kg	15	6.110 g	8.XTHP-620	1922,00	8.XTHM-620	1996,00	8.XTHS-620	2157,00	8.XTHR-620	2657,00	...621	326,00
1 g – 5 kg	16	11.110 g	8.XTHP-630	2432,00	8.XTHM-630	2602,00	8.XTHS-630	2707,00	8.XTHR-630	3397,00	...631	362,00
1 g – 10 kg	17	21.110 g	8.XTHP-640	3217,00	8.XTHM-640	3442,00	8.XTHS-640	3842,00	8.XTHR-640	4282,00	...641	398,00
1 kg – 5 kg	4	10.000 g	8.XTHP-680	1577,00	8.XTHM-680	1747,00	8.XTHS-680	1852,00	8.XTHR-680	2542,00	...681	135,00

up from 100 g in a plastic case with foam insert

Knob weights



STAINLESS STEEL HF12 highly polished

SETS with mg- weights (flat polygonal sheets)

Nominal value	Qty.	Disc weights	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	DAkKS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	8.0000-Art.no.	€	
1 mg – 5 g	16	6,11 g	8.XFHP-730	512,00	8.XFHM-730	545,00		8.XFHR-730	1182,00	...731 248,00	
1 mg – 50 g	20	111,11 g	8.XFHP-760	763,00	8.XFHM-760	796,00		8.XFHR-760	1433,00	...761 310,00	
1 mg – 100 g	21	211,11 g	8.XFHP-770	840,00	8.XFHM-770	873,00	8.XFHS-770	1085,00	8.XFHR-770	1510,00	...771 336,00
1 mg – 200 g	23	611,11 g	8.XFHP-780	1034,00	8.XFHM-780	1067,00	8.XFHS-780	1279,00	8.XFHR-780	1704,00	...781 388,00
1 mg – 500 g	24	1.111,11 g	8.XFHP-790	1194,00	8.XFHM-790	1277,00	8.XFHS-790	1439,00	8.XFHR-790	1864,00	...791 414,00
1 mg – 1 kg	25	2.111,11 g	8.XFHP-810	1494,00	8.XFHM-810	1520,00	8.XFHS-810	1699,00	8.XFHR-810	2099,00	...811 440,00
1 mg – 2 kg	27	6.111,11 g	8.XFHP-820	2194,00	8.XFHM-820	2268,00	8.XFHS-820	2429,00	8.XFHR-820	2929,00	...821 512,00
1 mg – 5 kg	28	11.111,11 g	8.XFHP-830	2704,00	8.XFHM-830	2874,00	8.XFHS-830	2979,00	8.XFHR-830	3669,00	...831 548,00
1 mg – 10 kg	29	21.111,11 g	8.XFHP-840	3489,00	8.XFHM-840	3714,00	8.XFHS-840	4114,00	8.XFHR-840	4554,00	...841 584,00
1 mg – 1 kg (2x)	38	3.778,22 g	8.XFHP-850	2452,00	8.XFHM-850	2504,00	8.XFHS-850	2862,00	8.XFHR-850	3662,00	...851 673,00

SETS Sets with mg- weights (wire shape)

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	DAkKS Calibration certificate					
			Art.-Nr.	€	Art.-Nr.	€	Art.-Nr.	€	8.0000- Art.-Nr. €			
1 mg – 5 g	16	6,11 g	8.XEHP-730	518,00	8.XEHM-730	551,00		8.XEHR-730	1188,00	...731	248,00	
1 mg – 50 g	20	111,11 g	8.XEHP-760	769,00	8.XEHM-760	802,00		8.XEHR-760	1439,00	...761	310,00	
1 mg – 100 g	21	211,11 g	8.XEHP-770	846,00	8.XEHM-770	879,00	8.XEHS-770	1091,00	8.XEHR-770	1516,00	...771	336,00
1 mg – 200 g	23	611,11 g	8.XEHP-780	1040,00	8.XEHM-780	1073,00	8.XEHS-780	1285,00	8.XEHR-780	1710,00	...781	388,00
1 mg – 500 g	24	1.111,11 g	8.XEHP-790	1200,00	8.XEHM-790	1283,00	8.XEHS-790	1445,00	8.XEHR-790	1870,00	...791	414,00
1 mg – 1 kg	25	2.111,11 g	8.XEHP-810	1500,00	8.XEHM-810	1526,00	8.XEHS-810	1705,00	8.XEHR-810	2105,00	...811	440,00
1 mg – 2 kg	27	6.111,11 g	8.XEHP-820	2200,00	8.XEHM-820	2274,00	8.XEHS-820	2435,00	8.XEHR-820	2935,00	...821	512,00
1 mg – 5 kg	28	11.111,11 g	8.XEHP-830	2710,00	8.XEHM-830	2880,00	8.XEHS-830	2985,00	8.XEHR-830	3675,00	...831	548,00
1 mg – 10 kg	29	21.111,11 g	8.XEHP-840	3495,00	8.XEHM-840	3720,00	8.XEHS-840	4120,00	8.XEHR-840	4560,00	...841	584,00
1 mg – 1 kg (2x)	38	3.778,22 g	8.XEHP-850	2461,00	8.XEHM-850	2513,00	8.XEHS-850	2871,00	8.XEHR-850	3671,00	...851	673,00



Disc weights



STAINLESS STEEL HF12 highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases*	 Mahogany wooden box	 Clean room case with insert	 DAKKS Calibration certificate						
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	8.0000- €	Art.no.	€
1 g	0,030	8.SEHO-110	66,00	8.SEHD-110	69,00	8.SEHP-110	70,00	8.SEHM-110	92,50			...111	27,50
2 g	0,040	8.SEHO-120	70,00	8.SEHD-120	73,00	8.SEHP-120	74,00	8.SEHM-120	96,50			...121	27,50
5 g	0,050	8.SEHO-130	76,00	8.SEHD-130	79,00	8.SEHP-130	80,00	8.SEHM-130	102,50			...131	27,50
10 g	0,060	8.SEHO-140	80,00	8.SEHD-140	83,00	8.SEHP-140	84,00	8.SEHM-140	106,50			...141	27,50
20 g	0,080	8.SEHO-150	92,00	8.SEHD-150	95,00	8.SEHP-150	96,00	8.SEHM-150	118,50			...151	27,50
50 g	0,10	8.SEHO-160	98,00	8.SEHD-160	102,50	8.SEHP-160	102,00	8.SEHM-160	125,00			...161	27,50
100 g	0,16	8.SEHO-170	116,00	8.SEHD-170	120,50	8.SEHP-170	166,00	8.SEHM-170	143,00	8.SEHR-170	196,00	...171	35,00
200 g	0,3	8.SEHO-180	158,00	8.SEHD-180	163,00	8.SEHP-180	208,00	8.SEHM-180	185,00	8.SEHR-180	273,00	...181	35,00
500 g	0,8	8.SEHO-190	330,00	8.SEHD-190	335,80	8.SEHP-190	380,00	8.SEHM-190	359,50	8.SEHR-190	505,00	...191	35,00
1 kg	1,6	8.SEHO-210	284,00	8.SEHD-210	291,50	8.SEHP-210	399,00	8.SEHM-210	319,00	8.SEHR-210	504,00	...211	35,00
2 kg	3,0	8.SEHO-220	540,00	8.SEHD-220	552,00	8.SEHP-220	655,00	8.SEHM-220	583,00	8.SEHR-220	839,00	...221	45,00
5 kg	8,0	8.SEHO-230	780,00	8.SEHD-230	798,00	8.SEHP-230	895,00	8.SEHM-230	844,00	8.SEHR-230	1170,00	...231	45,00
10 kg	16	8.SEHO-240	1380,00	8.SEHD-240	1414,00	8.SEHP-240	1515,00	8.SEHM-240	1466,00	8.SEHR-240	1840,00	...241	45,00
20 kg	30	8.SEHO-250	2120,00					8.SEHM-250	2430,00	8.SEHR-250	2795,00	...251	60,00
50 kg	80	8.SEHO-260	4840,00					8.SEHM-260	5175,00	8.SEHR-260	5780,00	...261	62,00

Nominal value	Tol.		Service case	DAKKS Calibration certificate
+/- mg	Art.no.	8.0000- € Art.no.	€	€
5 kg 8,0	8.SEHS-230 985,00	...231 45,00		
10 kg 16	8.SEHS-240 1590,00	...241 45,00		
20 kg 30	8.SEHS-250 2395,00	...251 60,00		
50 kg 80	8.SEHS-260 5190,00	...261 62,00		

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	 DAKKS Calibration certificate					
			Art.no.	€	Art.no.	€	Art.no.	€	8.0000- Art.no.	€		
1 g – 5 g	4	9 g	8.XSHP-530	349,00	8.XSHM-530	382,00		8.XSHR-530	1019,00	...531	62,00	
1 g – 50 g	8	110 g	8.XSHP-560	711,00	8.XSHM-560	744,00		8.XSHR-560	1381,00	...561	124,00	
1 g – 100 g	9	210 g	8.XSHP-570	827,00	8.XSHM-570	860,00	8.XSHS-570	1072,00	8.XSHR-570	1497,00	...571	150,00
1 g – 200 g	11	610 g	8.XSHP-580	1143,00	8.XSHM-580	1176,00	8.XSHS-580	1388,00	8.XSHR-580	1813,00	...581	202,00
1 g – 500 g	12	1.110 g	8.XSHP-590	1473,00	8.XSHM-590	1556,00	8.XSHS-590	1718,00	8.XSHR-590	2143,00	...591	228,00
1 g – 1 kg	13	2.110 g	8.XSHP-610	1822,00	8.XSHM-610	1848,00	8.XSHS-610	2027,00	8.XSHR-610	2427,00	...611	254,00
1 g – 2 kg	15	6.110 g	8.XSHP-620	2902,00	8.XSHM-620	2976,00	8.XSHS-620	3137,00	8.XSHR-620	3637,00	...621	326,00
1 g – 5 kg	16	11.110 g	8.XSHP-630	3682,00	8.XSHM-630	3852,00	8.XSHS-630	3957,00	8.XSHR-630	4647,00	...631	362,00
1 g – 10 kg	17	21.110 g	8.XSHP-640	5082,00	8.XSHM-640	5307,00	8.XSHS-640	5707,00	8.XSHR-640	6147,00	...641	398,00
1 kg – 5 kg	4	10.000 g	8.XSHP-680	2342,00	8.XSHM-680	2512,00	8.XSHS-680	2617,00	8.XSHR-680	3307,00	...681	135,00

* up from 100 g in a plastic case with foam insert

Cylinder weights


STAINLESS STEEL HF12 highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases*	 Mahogany wooden box	 Clean room case with insert	DAkkS Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	8.0000- Art.no.	€
1 g	0,030	8.ZEHO-110	29,00	8.ZEHD-110	32,00	8.ZEHP-110	33,00	8.ZEHM-110	55,50		...111 27,50
2 g	0,040	8.ZEHO-120	29,50	8.ZEHD-120	32,50	8.ZEHP-120	33,50	8.ZEHM-120	56,00		...121 27,50
5 g	0,050	8.ZEHO-130	30,00	8.ZEHD-130	33,00	8.ZEHP-130	34,00	8.ZEHM-130	56,50		...131 27,50
10 g	0,060	8.ZEHO-140	31,00	8.ZEHD-140	34,00	8.ZEHP-140	35,00	8.ZEHM-140	57,50		...141 27,50
20 g	0,080	8.ZEHO-150	32,00	8.ZEHD-150	35,00	8.ZEHP-150	36,00	8.ZEHM-150	58,50		...151 27,50
50 g	0,10	8.ZEHO-160	35,00	8.ZEHD-160	39,50	8.ZEHP-160	39,00	8.ZEHM-160	62,00		...161 27,50
100 g	0,16	8.ZEHO-170	40,00	8.ZEHD-170	44,50	8.ZEHP-170	90,00	8.ZEHM-170	67,00	8.ZEHR-170	120,00 ...171 35,00
200 g	0,3	8.ZEHO-180	50,00	8.ZEHD-180	55,00	8.ZEHP-180	100,00	8.ZEHM-180	77,00	8.ZEHR-180	165,00 ...181 35,00
500 g	0,8	8.ZEHO-190	66,00	8.ZEHD-190	71,80	8.ZEHP-190	116,00	8.ZEHM-190	95,50	8.ZEHR-190	241,00 ...191 35,00
1 kg	1,6	8.ZEHO-210	96,00	8.ZEHD-210	103,50	8.ZEHP-210	211,00	8.ZEHM-210	131,00	8.ZEHR-210	316,00 ...211 35,00
2 kg	3,0	8.ZEHO-220	166,00	8.ZEHD-220	178,00	8.ZEHP-220	281,00	8.ZEHM-220	209,00	8.ZEHR-220	465,00 ...221 45,00
5 kg	8,0	8.ZEHO-230	325,00	8.ZEHD-230	343,00	8.ZEHP-230	440,00	8.ZEHM-230	389,00	8.ZEHR-230	715,00 ...231 45,00
10 kg	16	8.ZEHO-240	590,00	8.ZEHD-240	624,00	8.ZEHP-240	725,00	8.ZEHM-240	676,00	8.ZEHR-240	1050,00 ...241 45,00

Nominal value	Tol.					Service case	DAkkS Calibration certificate
	+/- mg					Art.-Nr.	8.0000- Art.-Nr. €
5 kg	8,0					8.ZEHS-230	530,00 ...231 45,00
10 kg	16					8.ZEHS-240	800,00 ...241 45,00



SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	DAkkS Calibration certificate					
			Art.no.	€	Art.no.	€	Art.no.	€	8.0000- Art.no.	€		
1 g – 50 g	8	110 g	8.XZHP-560	315,00	8.XZHM-560	348,00		8.XZHR-560	985,00	...561	124,00	
1 g – 100 g	9	210 g	8.XZHP-570	355,00	8.XZHM-570	388,00	8.XZHS-570	600,00	8.XZHR-570	1025,00	...571	150,00
1 g – 200 g	11	610 g	8.XZHP-580	455,00	8.XZHM-580	488,00	8.XZHS-580	700,00	8.XZHR-580	1125,00	...581	202,00
1 g – 500 g	12	1.110 g	8.XZHP-590	521,00	8.XZHM-590	604,00	8.XZHS-590	766,00	8.XZHR-590	1191,00	...591	228,00
1 g – 1 kg	13	2.110 g	8.XZHP-610	682,00	8.XZHM-610	708,00	8.XZHS-610	887,00	8.XZHR-610	1287,00	...611	254,00
1 g – 2 kg	15	6.110 g	8.XZHP-620	1014,00	8.XZHM-620	1088,00	8.XZHS-620	1249,00	8.XZHR-620	1749,00	...621	326,00
1 g – 5 kg	16	11.110 g	8.XZHP-630	1339,00	8.XZHM-630	1509,00	8.XZHS-630	1614,00	8.XZHR-630	2304,00	...631	362,00
1 g – 10 kg	17	21.110 g	8.XZHP-640	1949,00	8.XZHM-640	2174,00	8.XZHS-640	2574,00	8.XZHR-640	3014,00	...641	398,00
1 kg – 5 kg	4	10.000 g	8.XZHP-680	885,00	8.XZHM-680	1055,00	8.XZHS-680	1160,00	8.XZHR-680	1850,00	...681	135,00

* up from 100 g in a plastic case with foam insert

Weights with handle


SPECIAL STAINLESS STEEL HF12

highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box		 Clean room plastic cases*	 Mahogany wooden box	 Clean room case with insert	DAkkS Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
5 kg	8,0	8.UBHO-230	1260,00	8.UBHP-230	1375,00	8.UBHM-230	1324,00	8.UBHR-230	1650,00	8.0000-231	45,00
10 kg	16	8.UBHO-240	1580,00	8.UBHP-240	1715,00	8.UBHM-240	1666,00	8.UBHR-240	2040,00	8.0000-241	45,00
20 kg	30	8.UBHO-250	2100,00			8.UBHM-250	2410,00	8.UBHR-250	2775,00	8.0000-251	60,00
50 kg	80	8.UBHO-260	3700,00			8.UBHM-260	4035,00	8.UBHR-260	4640,00	8.0000-261	62,00

Nominal value					 Service case		DakKS Calibration certificate	
Tol.								
+/- mg					Art.no. €		Art.no. €	
5 kg	8,0				8.UBHS-230	1465,00	8.0000-231	45,00
10 kg	16				8.UBHS-240	1790,00	8.0000-241	45,00
20 kg	30				8.UBHS-250	2375,00	8.0000-251	60,00
50 kg	80				8.UBHS-260	4050,00	8.0000-261	62,00

* up from 100 g in a plastic case with foam insert



F1

Analytical weights - class F1

Adjustment, testing and calibration weights for balances of class II and for quality assurance of scales with steps < 300 000 according to ISO 9001ff. Weights for calibration of weights of lower classes (M3-F2) according to OIML R111.



Weights in the exclusive assortment case.

ACCESSORIES



All weight sets include gloves, two brushes and two tweezers.
Up to 50 g without big tweezers, big brush and gloves.



CLEAN ROOM
PLASTIC CASES



MAHOGANY
WOODEN BOX



SERVICE
CASE



CLEAN ROOM CASE
removeable inserts



PLASTIC BOXES WITH
SCREWED TOP

Milligramm weights


SPECIAL STAINLESS STEEL HE210

Wire shape

highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases	 Mahogany wooden box	DAKKS Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
1 mg	0,020	7.DBHO-010	11,50	7.DBHD-010	14,50	7.DBHP-010	15,50	7.DBHM-010	33,50	7.0000-011	18,00
2 mg	0,020	7.DBHO-020	11,50	7.DBHD-020	14,50	7.DBHP-020	15,50	7.DBHM-020	33,50	7.0000-021	18,00
5 mg	0,020	7.DBHO-030	11,50	7.DBHD-030	14,50	7.DBHP-030	15,50	7.DBHM-030	33,50	7.0000-031	18,00
10 mg	0,025	7.DBHO-040	11,50	7.DBHD-040	14,50	7.DBHP-040	15,50	7.DBHM-040	33,50	7.0000-041	18,00
20 mg	0,03	7.DBHO-050	11,50	7.DBHD-050	14,50	7.DBHP-050	15,50	7.DBHM-050	33,50	7.0000-051	18,00
50 mg	0,04	7.DBHO-060	11,50	7.DBHD-060	14,50	7.DBHP-060	15,50	7.DBHM-060	33,50	7.0000-061	18,00
100 mg	0,05	7.DBHO-070	11,50	7.DBHD-070	14,50	7.DBHP-070	15,50	7.DBHM-070	33,50	7.0000-071	18,00
200 mg	0,06	7.DBHO-080	11,50	7.DBHD-080	14,50	7.DBHP-080	15,50	7.DBHM-080	33,50	7.0000-081	18,00
500 mg	0,08	7.DBHO-090	11,50	7.DBHD-090	14,50	7.DBHP-090	15,50	7.DBHM-090	33,50	7.0000-091	18,00

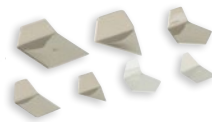
SET

Nominal value	Qty.	Content	 Clean room plastic cases		 Mahogany wooden box		Dakks Calibration certificate	
			Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 500 mg	12	1,11 g	7.XEHP-710	201,00	7.XEHM-710	234,00	7.0000-711	96,00

Milligramm weights

ALUMINIUM / GERMAN SILVER ICKEL SILVER

Flat polygonal sheets



SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases	 Mahogany wooden box	Dakks Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
1 mg	0,020	7.PAHO-010	10,50	7.PAHD-010	13,50	7.PAHP-010	14,50	7.PAHM-010	32,50	7.0000-011	18,00
2 mg	0,020	7.PAHO-020	10,50	7.PAHD-020	13,50	7.PAHP-020	14,50	7.PAHM-020	32,50	7.0000-021	18,00
5 mg	0,020	7.PAHO-030	10,50	7.PAHD-030	13,50	7.PAHP-030	14,50	7.PAHM-030	32,50	7.0000-031	18,00
10 mg	0,025	7.PNHO-040	10,50	7.PNHD-040	13,50	7.PNHP-040	14,50	7.PNHM-040	32,50	7.0000-041	18,00
20 mg	0,03	7.PNHO-050	10,50	7.PNHD-050	13,50	7.PNHP-050	14,50	7.PNHM-050	32,50	7.0000-051	18,00
50 mg	0,04	7.PNHO-060	10,50	7.PNHD-060	13,50	7.PNHP-060	14,50	7.PNHM-060	32,50	7.0000-061	18,00
100 mg	0,05	7.PNHO-070	10,50	7.PNHD-070	13,50	7.PNHP-070	14,50	7.PNHM-070	32,50	7.0000-071	18,00
200 mg	0,06	7.PNHO-080	10,50	7.PNHD-080	13,50	7.PNHP-080	14,50	7.PNHM-080	32,50	7.0000-081	18,00
500 mg	0,08	7.PNHO-090	10,50	7.PNHD-090	13,50	7.PNHP-090	14,50	7.PNHM-090	32,50	7.0000-091	18,00

* 1 mg – 5 mg made of aluminium

SET

Nominal value	Qty.	Content	 Clean room plastic cases		 Mahogany wooden box		Dakks Calibration certificate	
			Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 500 mg	12	1,11 g	7.XFHP-710	189,00	7.XFHM-710	222,00	7.0000-711	96,00

Knob weights

with adjustment chamber



STAINLESS STEEL HF12 highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases*	 Mahogany wooden box	 Clean room case with insert	Dakks Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€
1 g	0,10	7.KEHO-110	26,00	7.KEHD-110	29,00	7.KEHP-110	30,00	7.KEHM-110	52,50		...111 18,00
2 g	0,12	7.KEHO-120	27,00	7.KEHD-120	30,00	7.KEHP-120	31,00	7.KEHM-120	53,50		...121 18,00
5 g	0,16	7.KEHO-130	29,00	7.KEHD-130	32,00	7.KEHP-130	33,00	7.KEHM-130	55,50		...131 18,00
10 g	0,20	7.KEHO-140	33,00	7.KEHD-140	36,00	7.KEHP-140	37,00	7.KEHM-140	59,50		...141 18,00
20 g	0,25	7.KEHO-150	36,50	7.KEHD-150	39,50	7.KEHP-150	40,50	7.KEHM-150	63,00		...151 18,00
50 g	0,30	7.KEHO-160	40,00	7.KEHD-160	44,50	7.KEHP-160	44,00	7.KEHM-160	67,00		...161 18,00
100 g	0,5	7.KEHO-170	50,00	7.KEHD-170	54,50	7.KEHP-170	100,00	7.KEHM-170	77,00	7.KEHR-170 130,00	...171 20,00
200 g	1,0	7.KEHO-180	64,00	7.KEHD-180	69,00	7.KEHP-180	114,00	7.KEHM-180	91,00	7.KEHR-180 179,00	...181 20,00
500 g	2,5	7.KEHO-190	105,00	7.KEHD-190	110,80	7.KEHP-190	155,00	7.KEHM-190	134,50	7.KEHR-190 280,00	...191 20,00
1 kg	5	7.KEHO-210	143,00	7.KEHD-210	150,50	7.KEHP-210	258,00	7.KEHM-210	178,00	7.KEHR-210 363,00	...211 20,00
2 kg	10	7.KEHO-220	230,00	7.KEHD-220	242,00	7.KEHP-220	345,00	7.KEHM-220	273,00	7.KEHR-220 529,00	...221 26,00
5 kg	25	7.KEHO-230	340,00	7.KEHD-230	358,00	7.KEHP-230	455,00	7.KEHM-230	404,00	7.KEHR-230 730,00	...231 26,00
10 kg	50	7.KEHO-240	630,00	7.KEHD-240	664,00	7.KEHP-240	765,00	7.KEHM-240	716,00	7.KEHR-240 1090,00	...241 26,00
20 kg	100	7.KEHO-250	925,00					7.KEHM-250	1235,00	7.KEHR-250 1600,00	...251 36,00
50 kg	250	7.KEHO-260	2075,00					7.KEHM-260	2410,00	7.KEHR-260 3015,00	...261 36,00

Nominal value						 Service case		Dakks Calibration certificate	
	Tol.					Art.no.	€	Art.no.	€
	+/- mg								
5 kg	25					7.KEHS-230	545,00	...231	26,00
10 kg	50					7.KEHS-240	840,00	...241	26,00
20 kg	100					7.KEHS-250	1200,00	...251	36,00
50 kg	250					7.KEHS-260	2425,00	...261	36,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	Dakks Calibration certificate					
			Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€		
1 g – 50 g	8	110 g	7.XKHP-560	322,00	7.XKHM-560	355,00		7.XKHR-560	992,00	...561	63,00	
1 g – 100 g	9	210 g	7.XKHP-570	372,00	7.XKHM-570	405,00	7.XKHS-570	617,00	7.XKHR-570	1042,00	...571	75,00
1 g – 200 g	11	610 g	7.XKHP-580	500,00	7.XKHM-580	533,00	7.XKHS-580	745,00	7.XKHR-580	1170,00	...581	99,00
1 g – 500 g	12	1.110 g	7.XKHP-590	605,00	7.XKHM-590	688,00	7.XKHS-590	850,00	7.XKHR-590	1275,00	...591	111,00
1 g – 1 kg	13	2.110 g	7.XKHP-610	813,00	7.XKHM-610	839,00	7.XKHS-610	1018,00	7.XKHR-610	1418,00	...611	123,00
1 g – 2 kg	15	6.110 g	7.XKHP-620	1273,00	7.XKHM-620	1347,00	7.XKHS-620	1508,00	7.XKHR-620	2008,00	...621	159,00
1 g – 5 kg	16	11.110 g	7.XKHP-630	1613,00	7.XKHM-630	1783,00	7.XKHS-630	1888,00	7.XKHR-630	2578,00	...631	177,00
1 g – 10 kg	17	21.110 g	7.XKHP-640	2263,00	7.XKHM-640	2488,00	7.XKHS-640	2888,00	7.XKHR-640	3328,00	...641	195,00
1 kg – 5 kg	4	10.000 g	7.XKHP-680	1075,00	7.XKHM-680	1245,00	7.XKHS-680	1350,00	7.XKHR-680	2040,00	...681	70,00

* up from 100 g in a plastic case with foam insert

Knob weights

with adjustment chamber



STAINLESS STEEL HF12 highly polished

SETS with mg- weights (flat polygonal sheets)

Nominal value	Qty.	Content	 Clean room plastic cases	 Mahogany wooden box	 Service case	 Clean room case with insert	DAKKS Calibration certificate					
			Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€		
1 mg – 5 g	16	6,11 g	7.XOHP-730	298,00	7.XOHM-730	331,00		7.XOHR-730	968,00	...731	128,00	
1 mg – 50 g	20	111,11 g	7.XOHP-760	456,00	7.XOHM-760	489,00		7.XOHR-760	1126,00	...761	159,00	
1 mg – 100 g	21	211,11 g	7.XOHP-770	506,00	7.XOHM-770	539,00	7.XOHS-770	751,00	7.XOHR-770	1176,00	...771	171,00
1 mg – 200 g	23	611,11 g	7.XOHP-780	634,00	7.XOHM-780	667,00	7.XOHS-780	879,00	7.XOHR-780	1304,00	...781	195,00
1 mg – 500 g	24	1.111,11 g	7.XOHP-790	739,00	7.XOHM-790	822,00	7.XOHS-790	984,00	7.XOHR-790	1409,00	...791	207,00
1 mg – 1 kg	25	2.111,11 g	7.XOHP-810	947,00	7.XOHM-810	973,00	7.XOHS-810	1152,00	7.XOHR-810	1552,00	...811	219,00
1 mg – 2 kg	27	6.111,11 g	7.XOHP-820	1407,00	7.XOHM-820	1481,00	7.XOHS-820	1642,00	7.XOHR-820	2142,00	...821	255,00
1 mg – 5 kg	28	11.111,11 g	7.XOHP-830	1747,00	7.XOHM-830	1917,00	7.XOHS-830	2022,00	7.XOHR-830	2712,00	...831	273,00
1 mg – 10 kg	29	21.111,11 g	7.XOHP-840	2397,00	7.XOHM-840	2622,00	7.XOHS-840	3022,00	7.XOHR-840	3462,00	...841	291,00

SETS with mg- weights (wire shape)

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	DAKKS Calibration certificate					
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
1 mg – 5 g	16	6,11 g	7.XQHP-730	310,00	7.XQHM-730	343,00		7.XQHR-730	980,00	...731	128,00	
1 mg – 50 g	20	111,11 g	7.XQHP-760	468,00	7.XQHM-760	501,00		7.XQHR-760	1138,00	...761	159,00	
1 mg – 100 g	21	211,11 g	7.XQHP-770	518,00	7.XQHM-770	551,00	7.XQHS-770	763,00	7.XQHR-770	1188,00	...771	171,00
1 mg – 200 g	23	611,11 g	7.XQHP-780	646,00	7.XQHM-780	679,00	7.XQHS-780	891,00	7.XQHR-780	1316,00	...781	195,00
1 mg – 500 g	24	1.111,11 g	7.XQHP-790	751,00	7.XQHM-790	834,00	7.XQHS-790	996,00	7.XQHR-790	1421,00	...791	207,00
1 mg – 1 kg	25	2.111,11 g	7.XQHP-810	959,00	7.XQHM-810	985,00	7.XQHS-810	1164,00	7.XQHR-810	1564,00	...811	219,00
1 mg – 2 kg	27	6.111,11 g	7.XQHP-820	1419,00	7.XQHM-820	1493,00	7.XQHS-820	1654,00	7.XQHR-820	2154,00	...821	255,00
1 mg – 5 kg	28	11.111,11 g	7.XQHP-830	1759,00	7.XQHM-830	1929,00	7.XQHS-830	2034,00	7.XQHR-830	2724,00	...831	273,00
1 mg – 10 kg	29	21.111,11 g	7.XQHP-840	2409,00	7.XQHM-840	2634,00	7.XQHS-840	3034,00	7.XQHR-840	3474,00	...841	291,00



Knob weights

solid masses without adjustment chamber



STAINLESS STEEL HF12

highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases*	 Mahogany wooden box	 Clean room case with insert	DAkks Calibration certificate						
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€
1 g	0,10	7.MEHO-110	34,00	7.MEHD-110	37,00	7.MEHP-110	38,00	7.MEHM-110	60,50			...111	18,00
2 g	0,12	7.MEHO-120	36,00	7.MEHD-120	39,00	7.MEHP-120	40,00	7.MEHM-120	62,50			...121	18,00
5 g	0,16	7.MEHO-130	37,00	7.MEHD-130	40,00	7.MEHP-130	41,00	7.MEHM-130	63,50			...131	18,00
10 g	0,20	7.MEHO-140	39,00	7.MEHD-140	42,00	7.MEHP-140	43,00	7.MEHM-140	65,50			...141	18,00
20 g	0,25	7.MEHO-150	43,00	7.MEHD-150	46,00	7.MEHP-150	47,00	7.MEHM-150	69,50			...151	18,00
50 g	0,30	7.MEHO-160	51,00	7.MEHD-160	55,50	7.MEHP-160	55,00	7.MEHM-160	78,00			...161	18,00
100 g	0,5	7.MEHO-170	56,00	7.MEHD-170	60,50	7.MEHP-170	106,00	7.MEHM-170	83,00	7.MEHR-170	136,00	...171	20,00
200 g	1,0	7.MEHO-180	70,00	7.MEHD-180	75,00	7.MEHP-180	120,00	7.MEHM-180	97,00	7.MEHR-180	185,00	...181	20,00
500 g	2,5	7.MEHO-190	139,00	7.MEHD-190	144,80	7.MEHP-190	189,00	7.MEHM-190	168,50	7.MEHR-190	314,00	...191	20,00
1 kg	5	7.MEHO-210	175,00	7.MEHD-210	182,50	7.MEHP-210	290,00	7.MEHM-210	210,00	7.MEHR-210	395,00	...211	20,00
2 kg	10	7.MEHO-220	290,00	7.MEHD-220	302,00	7.MEHP-220	405,00	7.MEHM-220	333,00	7.MEHR-220	589,00	...221	26,00
5 kg	25	7.MEHO-230	360,00	7.MEHD-230	378,00	7.MEHP-230	475,00	7.MEHM-230	424,00	7.MEHR-230	750,00	...231	26,00
10 kg	50	7.MEHO-240	650,00	7.MEHD-240	584,00	7.MEHP-240	685,00	7.MEHM-240	636,00	7.MEHR-240	1010,00	...241	26,00
20 kg	100	7.MEHO-250	1090,00					7.MEHM-250	1400,00	7.MEHR-250	1765,00	...251	36,00
50 kg	250	7.MEHO-260	2600,00					7.MEHM-260	2935,00	7.MEHR-260	3540,00	...261	36,00

Nominal value							 Service case		DAkks Calibration certificate	
	Tol.						Art.no.	€	Art.no.	€
	+/- mg									
5 kg	25						7.MEHS-230	565,00	...231	26,00
10 kg	50						7.MEHS-240	760,00	...241	26,00
20 kg	100						7.MEHS-250	1365,00	...251	36,00
50 kg	250						7.MEHS-260	2950,00	...261	36,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	 DAkks Calibration certificate						
											7.0000-		
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	
1 g – 50 g	8	110 g	7.XTHP-560	386,00	7.XTHM-560	419,00		7.XTHR-560	1056,00	...	561	63,00	
1 g – 100 g	9	210 g	7.XTHP-570	442,00	7.XTHM-570	475,00	7.XTHS-570	687,00	7.XTHR-570	1112,00	...	571	75,00
1 g – 200 g	11	610 g	7.XTHP-580	582,00	7.XTHM-580	615,00	7.XTHS-580	827,00	7.XTHR-580	1252,00	...	581	99,00
1 g – 500 g	12	1.110 g	7.XTHP-590	721,00	7.XTHM-590	804,00	7.XTHS-590	966,00	7.XTHR-590	1391,00	...	591	111,00
1 g – 1 kg	13	2.110 g	7.XTHP-610	961,00	7.XTHM-610	987,00	7.XTHS-610	1166,00	7.XTHR-610	1566,00	...	611	123,00
1 g – 2 kg	15	6.110 g	7.XTHP-620	1541,00	7.XTHM-620	1615,00	7.XTHS-620	1776,00	7.XTHR-620	2276,00	...	621	159,00
1 g – 5 kg	16	11.110 g	7.XTHP-630	1901,00	7.XTHM-630	2071,00	7.XTHS-630	2176,00	7.XTHR-630	2866,00	...	631	177,00
1 g – 10 kg	17	21.110 g	7.XTHP-640	2571,00	7.XTHM-640	2796,00	7.XTHS-640	3196,00	7.XTHR-640	3636,00	...	641	195,00
1 kg – 5 kg	4	10.000 g	7.XTHP-680	1247,00	7.XTHM-680	1417,00	7.XTHS-680	1522,00	7.XTHR-680	2212,00	...	681	70,00

* up from 100 g in a plastic case with foam insert

Knob weights

solid masses without adjustment chamber

STAINLESS STEEL HF12

highly polished



SETS with mg- weights (flat polygonal sheets)

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	 DAKKS Calibration certificate			
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	7.0000- €
1 mg – 5 g	16	6,11 g	7.XFHP-730	332,00	7.XFHM-730	365,00		7.XFHR-730	1002,00	...731 128,00
1 mg – 50 g	20	111,11 g	7.XFHP-760	520,00	7.XFHM-760	553,00		7.XFHR-760	1190,00	...761 159,00
1 mg – 100 g	21	211,11 g	7.XFHP-770	576,00	7.XFHM-770	609,00	7.XFHS-770	821,00	7.XFHR-770	1246,00 ...771 171,00
1 mg – 200 g	23	611,11 g	7.XFHP-780	714,00	7.XFHM-780	747,00	7.XFHS-780	959,00	7.XFHR-780	1384,00 ...781 195,00
1 mg – 500 g	24	1.111,11 g	7.XFHP-790	853,00	7.XFHM-790	936,00	7.XFHS-790	1098,00	7.XFHR-790	1523,00 ...791 207,00
1 mg – 1 kg	25	2.111,11 g	7.XFHP-810	1093,00	7.XFHM-810	1119,00	7.XFHS-810	1298,00	7.XFHR-810	1698,00 ...811 219,00
1 mg – 2 kg	27	6.111,11 g	7.XFHP-820	1673,00	7.XFHM-820	1747,00	7.XFHS-820	1908,00	7.XFHR-820	2408,00 ...821 255,00
1 mg – 5 kg	28	11.111,11 g	7.XFHP-830	2033,00	7.XFHM-830	2203,00	7.XFHS-830	2308,00	7.XFHR-830	2998,00 ...831 273,00
1 mg – 10 kg	29	21.111,11 g	7.XFHP-840	2603,00	7.XFHM-840	2828,00	7.XFHS-840	3228,00	7.XFHR-840	3668,00 ...841 291,00

SETS with mg- weights (wire shape)

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	DAKKS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€	
1 mg – 5 g	16	6,11 g	7.XEHP-730	344,00	7.XEHM-730	377,00		7.XEHR-730	1014,00	...731 128,00	
1 mg – 50 g	20	111,11 g	7.XEHP-760	532,00	7.XEHM-760	565,00		7.XEHR-760	1202,00	...761 159,00	
1 mg – 100 g	21	211,11 g	7.XEHP-770	588,00	7.XEHM-770	621,00	7.XEHS-770	833,00	7.XEHR-770	1258,00	...771 171,00
1 mg – 200 g	23	611,11 g	7.XEHP-780	728,00	7.XEHM-780	759,00	7.XEHS-780	971,00	7.XEHR-780	1396,00	...781 195,00
1 mg – 500 g	24	1.111,11 g	7.XEHP-790	867,00	7.XEHM-790	948,00	7.XEHS-790	1110,00	7.XEHR-790	1535,00	...791 207,00
1 mg – 1 kg	25	2.111,11 g	7.XEHP-810	1107,00	7.XEHM-810	1131,00	7.XEHS-810	1310,00	7.XEHR-810	1710,00	...811 219,00
1 mg – 2 kg	27	6.111,11 g	7.XEHP-820	1687,00	7.XEHM-820	1759,00	7.XEHS-820	1920,00	7.XEHR-820	2420,00	...821 255,00
1 mg – 5 kg	28	11.111,11 g	7.XEHP-830	2047,00	7.XEHM-830	2215,00	7.XEHS-830	2320,00	7.XEHR-830	3010,00	...831 273,00
1 mg – 10 kg	29	21.111,11 g	7.XEHP-840	2617,00	7.XEHM-840	2840,00	7.XEHS-840	3240,00	7.XEHR-840	3680,00	...841 291,00



Cylinder weights


STAINLESS STEEL HF12 highly polished

solid masses, stackable, without adjustment chamber

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases*	 Mahogany wooden box	 Clean room case with insert	DAkkS Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€
1 g	0,10	7.ZEHO-110	19,00	7.ZEHD-110	23,00	7.ZEHP-110	26,00	7.ZEHM-110	45,50		...111 18,00
2 g	0,12	7.ZEHO-120	19,50	7.ZEHD-120	23,50	7.ZEHP-120	27,00	7.ZEHM-120	46,00		...121 18,00
5 g	0,16	7.ZEHO-130	20,00	7.ZEHD-130	24,00	7.ZEHP-130	31,00	7.ZEHM-130	46,50		...131 18,00
10 g	0,20	7.ZEHO-140	21,00	7.ZEHD-140	25,00	7.ZEHP-140	32,00	7.ZEHM-140	47,50		...141 18,00
20 g	0,25	7.ZEHO-150	22,00	7.ZEHD-150	26,00	7.ZEHP-150	33,00	7.ZEHM-150	48,50		...151 18,00
50 g	0,30	7.ZEHO-160	25,00	7.ZEHD-160	29,00	7.ZEHP-160	39,00	7.ZEHM-160	52,00		...161 18,00
100 g	0,5	7.ZEHO-170	30,00	7.ZEHD-170	29,00	7.ZEHP-170	87,00	7.ZEHM-170	52,00	7.ZEHR-170	117,00 ...171 20,00
200 g	1,0	7.ZEHO-180	40,00	7.ZEHD-180	44,00	7.ZEHP-180	99,00	7.ZEHM-180	67,00	7.ZEHR-180	164,00 ...181 20,00
500 g	2,5	7.ZEHO-190	56,00	7.ZEHD-190	60,30	7.ZEHP-190	135,00	7.ZEHM-190	85,50	7.ZEHR-190	260,00 ...191 20,00
1 kg	5	7.ZEHO-210	86,00	7.ZEHD-210	91,20	7.ZEHP-210	220,00	7.ZEHM-210	121,00	7.ZEHR-210	325,00 ...211 20,00
2 kg	10	7.ZEHO-220	156,00	7.ZEHD-220	167,50	7.ZEHP-220	314,00	7.ZEHM-220	199,00	7.ZEHR-220	498,00 ...221 26,00
5 kg	25	7.ZEHO-230	250,00	7.ZEHD-230	268,00	7.ZEHP-230	400,00	7.ZEHM-230	314,00	7.ZEHR-230	675,00 ...231 26,00
10 kg	50	7.ZEHO-240	480,00	7.ZEHD-240	514,00	7.ZEHP-240	634,00	7.ZEHM-240	566,00	7.ZEHR-240	959,00 ...241 26,00

Nominal value	Tol.		 Service case	DAkkS Calibration certificate
	+/- mg		Art.no.	7.0000- € Art.no.
5 kg	8,0		7.ZEHS-230	455,00 ...231 26,00
10 kg	16		7.ZEHS-240	690,00 ...241 26,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Mahogany wooden box	 Service case	 Clean room case with insert	DAkkS Calibration certificate					
							7.0000-					
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€		
1 g – 50 g	8	110 g	7.XZHP-560	235,00	7.XZHM-560	268,00		7.XZHR-560	905,00	...561	63,00	
1 g – 100 g	9	210 g	7.XZHP-570	260,00	7.XZHM-570	293,00	7.XZHS-570	505,00	7.XZHR-570	930,00	...571	75,00
1 g – 200 g	11	610 g	7.XZHP-580	340,00	7.XZHM-580	373,00	7.XZHS-580	585,00	7.XZHR-580	1010,00	...581	99,00
1 g – 500 g	12	1.110 g	7.XZHP-590	396,00	7.XZHM-590	479,00	7.XZHS-590	641,00	7.XZHR-590	1066,00	...591	111,00
1 g – 1 kg	13	2.110 g	7.XZHP-610	547,00	7.XZHM-610	573,00	7.XZHS-610	752,00	7.XZHR-610	1152,00	...611	123,00
1 g – 2 kg	15	6.110 g	7.XZHP-620	859,00	7.XZHM-620	933,00	7.XZHS-620	1094,00	7.XZHR-620	1594,00	..621	159,00
1 g – 5 kg	16	11.110 g	7.XZHP-630	1164,00	7.XZHM-630	1334,00	7.XZHS-630	1439,00	7.XZHR-630	2129,00	...631	177,00
1 g – 10 kg	17	21.110 g	7.XZHP-640	1734,00	7.XZHM-640	1959,00	7.XZHS-640	2359,00	7.XZHR-640	2799,00	..641	195,00
1 kg – 5 kg	4	10.000 g	7.XZHP-680	835,00	7.XZHM-680	1005,00	7.XZHS-680	1110,00	7.XZHR-680	1800,00	...681	70,00

* up from 100 g in a plastic case with foam insert

Cylinder weights (Eco mass)

with adjustment chamber



STAINLESS STEEL HF12

highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases	 Mahogany wooden box	 Clean room case with insert	DAkks Calibration certificate			
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€
1 g	0,10	7.EEHO-110	22,00	7.EEHD-110	25,00	7.EEHP-110	26,00	7.EEHM-110	48,50		...111 18,00
2 g	0,12	7.EEHO-120	23,00	7.EEHD-120	26,00	7.EEHP-120	27,00	7.EEHM-120	49,50		...121 18,00
5 g	0,16	7.EEHO-130	27,00	7.EEHD-130	30,00	7.EEHP-130	31,00	7.EEHM-130	53,50		...131 18,00
10 g	0,20	7.EEHO-140	28,00	7.EEHD-140	31,00	7.EEHP-140	32,00	7.EEHM-140	54,50		...141 18,00
20 g	0,25	7.EEHO-150	29,00	7.EEHD-150	32,00	7.EEHP-150	33,00	7.EEHM-150	55,50		...151 18,00
50 g	0,30	7.EEHO-160	35,00	7.EEHD-160	39,50	7.EEHP-160	39,00	7.EEHM-160	62,00		...161 18,00
100 g	0,5	7.EEHO-170	37,00	7.EEHD-170	41,50	7.EEHP-170	87,00	7.EEHM-170	64,00	7.EEHR-170	117,00 ...171 20,00
200 g	1,0	7.EEHO-180	49,00	7.EEHD-180	54,00	7.EEHP-180	99,00	7.EEHM-180	76,00	7.EEHR-180	164,00 ...181 20,00
500 g	2,5	7.EEHO-190	85,00	7.EEHD-190	90,80	7.EEHP-190	135,00	7.EEHM-190	114,50	7.EEHR-190	260,00 ...191 20,00
1 kg	5	7.EEHO-210	105,00	7.EEHD-210	112,50	7.EEHP-210	220,00	7.EEHM-210	140,00	7.EEHR-210	325,00 ...211 20,00
2 kg	10	7.EEHO-220	199,00	7.EEHD-220	211,00	7.EEHP-220	314,00	7.EEHM-220	242,00	7.EEHR-220	498,00 ...221 26,00
5 kg	25	7.EEHO-230	285,00	7.EEHD-230	303,00	7.EEHP-230	400,00	7.EEHM-230	349,00	7.EEHR-230	675,00 ...231 26,00
10 kg	50	7.EEHO-240	499,00	7.EEHD-240	533,00	7.EEHP-240	634,00	7.EEHM-240	585,00	7.EEHR-240	959,00 ...241 26,00

Nominal value	Tol.	 Service case		DAkks Calibration certificate	
	+/- mg	Art.no.	€	7.0000- Art.no.	€
5 kg	25	7.EEHS-230	400,00	...231	26,00
10 kg	50	7.EEHS-240	600,00	...241	26,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box		 Mahogany wooden box		 Service case		 Clean room case with insert		DAkks Calibration certificate	
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€
1 g – 50 g	8	110 g	7.XEHP-560	283,00	7.XEHM-560	316,00			7.XEHR-560	953,00	...561	63,00
1 g – 100 g	9	210 g	7.XEHP-570	318,00	7.XEHM-570	351,00	7.XEHS-570	563,00	7.XEHR-570	988,00	...571	75,00
1 g – 200 g	11	610 g	7.XEHP-580	416,00	7.XEHM-580	449,00	7.XEHS-580	661,00	7.XEHR-580	1086,00	...581	99,00
1 g – 500 g	12	1.110 g	7.XEHP-590	501,00	7.XEHM-590	584,00	7.XEHS-590	746,00	7.XEHR-590	1171,00	...591	111,00
1 g – 1 kg	13	2.110 g	7.XEHP-610	671,00	7.XEHM-610	697,00	7.XEHS-610	876,00	7.XEHR-610	1276,00	...611	123,00
1 g – 2 kg	15	6.110 g	7.XEHP-620	1069,00	7.XEHM-620	1143,00	7.XEHS-620	1304,00	7.XEHR-620	1804,00	...621	159,00
1 g – 5 kg	16	11.110 g	7.XEHP-630	1354,00	7.XEHM-630	1524,00	7.XEHS-630	1629,00	7.XEHR-630	2319,00	...631	177,00
1 g – 10 kg	17	21.110 g	7.XEHP-640	1873,00	7.XEHM-640	2098,00	7.XEHS-640	2498,00	7.XEHR-640	2938,00	...641	195,00
1 kg – 5 kg	4	10.000 g	7.XEHP-680	920,00	7.XEHM-680	1090,00	7.XEHS-680	1195,00	7.XEHR-680	1885,00	...681	69,00

* up from 100 g in a plastic case with foam insert

Block weights


STAINLESS STEEL HF12 highly polished

round

SINGLE WEIGHT

Nominal value	Tol.	without box	 Clean room plastic cases*	 Mahogany wooden box	 Service case	 Clean room case with insert	 DAkkS Calibration certificate						
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€
5 kg	25	7.REPO-230	580,00	7.REPP-230	695,00	7.REPM-230	644,00	7.REPS-230	785,00	7.REPR-230	970,00	...231	26,00
10 kg	50	7.REPO-240	850,00	7.REPP-240	985,00	7.REPM-240	936,00	7.REPS-240	1060,00	7.REPR-240	1310,00	...241	26,00
20 kg	100	7.REPO-250	1120,00			7.REPM-250	1430,00	7.REPS-250	1395,00	7.REPR-250	1795,00	...251	36,00
25 kg	125	7.REPO-450	1600,00			7.REPM-450	1920,00	7.REPS-450	1915,00			...451	38,00
50 kg	250	7.REPO-260	2400,00			7.REPM-260	2735,00	7.REPS-260	2750,00	7.REPR-260	3340,00	...261	38,00

Hinweis: Art.- Nr. weicht von Schlüssel ab.

rectangular



SINGLE WEIGHT

Nominal value		Tol.		without box		 Clean room plastic cases*	 Mahogany wooden box	 Service case	 Clean room case with insert	DAkkS Calibration certificate			
		+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€	
5 kg	25	7.BEHO-230	650,00	7.BEHP-230	765,00	7.BEHM-230	714,00	7.BEHS-230	855,00	7.BEHR-230	1040,00	...231	26,00
10 kg	50	7.BEHO-240	940,00	7.BEHP-240	1075,00	7.BEHM-240	1026,00	7.BEHS-240	1150,00	7.BEHR-240	1400,00	...241	26,00
20 kg	100	7.BEHO-250	1200,00			7.BEHM-250	1510,00	7.BEHS-250	1475,00	7.BEHR-250	1875,00	...251	36,00
25 kg	125	7.BEHO-450	1720,00			7.BEHM-450	2040,00	7.BEHS-450	2035,00			...451	38,00
50 kg	250	7.BEHO-260	2750,00			7.BEHM-260	3085,00	7.BEHS-260	3100,00	7.BEHR-260	3690,00	...261	38,00

Weights with handle


STAINLESS STEEL HF12 highly polished

SINGLE WEIGHT

Nominal value	Tol.	without box	 Clean room plastic cases*	 Mahogany wooden box	 Service case	 Clean room case with insert	Dakks Calibration certificate						
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	7.0000- Art.no.	€		
5 kg	25	7.UEHO-230	850,00	7.UEHP-230	965,00	7.UEHM-230	914,00	7.UEHS-230	1055,00	7.UEHR-230	1240,00	...231	26,00
10 kg	50	7.UEHO-240	1050,00	7.UEHP-240	1185,00	7.UEHM-240	1136,00	7.UEHS-240	1260,00	7.UEHR-240	1510,00	...241	26,00
20 kg	100	7.UEHO-250	1380,00			7.UEHM-250	1690,00	7.UEHS-250	1655,00	7.UEHR-250	2055,00	...251	36,00
25 kg	125	7.UEHO-450	1780,00			7.UEHM-450	2060,00	7.UEHS-450	2095,00			...451	38,00
50 kg	250	7.UEHO-260	2500,00			7.UEHM-260	2835,00	7.UEHS-260	2850,00	7.UEHR-260	3440,00	...261	38,00

Cylinder weights



STAINLESS STEEL HF12 highly polished

SINGLE WEIGHT with 4 stood bolts

Nominal value	Tol.	 Wooden box		 Service case		PTB Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€
100 kg	500	7.ZEHM-270	8680,00	7.ZEHS-270	9200,00	7.0000-276	2050,00
200 kg	1000	7.ZEHM-280	13020,00	7.ZEHS-280	13540,00	7.0000-286	2250,00
250 kg	1250	7.ZEHM-460	14560,00	7.ZEHS-460	15100,00	7.0000-466	2400,00
500 kg	2500	7.ZEHM-290	21140,00	7.ZEHS-290	21700,00	7.0000-296	2650,00
1000 kg	5000	7.ZEHM-310	32220,00	7.ZEHS-310	32900,00	7.0000-316	2850,00
2000 kg	10000	7.ZEHM-320	64850,00	7.ZEHS-320	65750,00	7.0000-326	3250,00



SINGLE WEIGHT with eyebolt

Nominal value	Tol.	 Wooden box		 Service case		PTB Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€
100 kg	500	7.UEHM-270	8280,00	7.UEHS-270	8800,00	7.0000-276	2050,00
200 kg	1000	7.UEHM-280	12420,00	7.UEHS-280	12940,00	7.0000-286	2250,00
250 kg	1250	7.UEHM-460	13960,00	7.UEHS-460	14500,00	7.0000-466	2400,00
500 kg	2500	7.UEHM-290	20340,00	7.UEHS-290	20900,00	7.0000-296	2650,00
1000 kg	5000	7.UEHM-310	31120,00	7.UEHS-310	31800,00	7.0000-316	2850,00
2000 kg	10000	7.UEHM-320	63850,00	7.UEHS-320	64750,00	7.0000-326	3250,00



F2

Precision weights - class F2

Adjustment, testing and calibration weights for balances of class II and for quality assurance of scales with steps < 100 000 according to ISO 9001ff. Weights for calibration of weights of lower classes (M3-M1) according to OIML R111. Usage for meaningful transactions (e.g. precious metals and gemstones) on scales of class II. Load application bodies for the representation of the most accurate determination of tension, pressure or torsion.

Quality is our demand

ACCESSORIES



All weight sets include gloves, two brushes and two tweezers.

Up to 50 g without big tweezers, big brush and gloves.



CLEAN ROOM
PLASTIC CASES



BEECH WOODEN
BOX



SERVICE
CASE



CLEAN ROOM CASE
with inserts



LEATHER
CASES

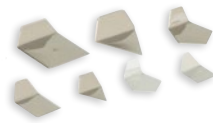


PLASTIC BOXES
WITH SCREWED TOP

Milligramm weights

ALUMINIUM / GERMAN SILVER ICKEL SILVER

Flat polygonal sheets



SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases	DAkkS Calibration certificate			
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€		
1 mg *	0,06	6.PAHO-010	8,50	6.PAHD-010	11,50	6.PAHP-010	12,50	6.0000-011	18,00
2 mg *	0,06	6.PAHO-020	8,50	6.PAHD-020	11,50	6.PAHP-020	12,50	6.0000-021	18,00
5 mg *	0,06	6.PAHO-030	8,50	6.PAHD-030	11,50	6.PAHP-030	12,50	6.0000-031	18,00
10 mg	0,08	6.PNHO-040	8,50	6.PNHD-040	11,50	6.PNHP-040	12,50	6.0000-041	18,00
20 mg	0,10	6.PNHO-050	8,50	6.PNHD-050	11,50	6.PNHP-050	12,50	6.0000-051	18,00
50 mg	0,12	6.PNHO-060	8,50	6.PNHD-060	11,50	6.PNHP-060	12,50	6.0000-061	18,00
100 mg	0,16	6.PNHO-070	8,50	6.PNHD-070	11,50	6.PNHP-070	12,50	6.0000-071	18,00
200 mg	0,2	6.PNHO-080	8,50	6.PNHD-080	11,50	6.PNHP-080	12,50	6.0000-081	18,00
500 mg	0,25	6.PNHO-090	8,50	6.PNHD-090	11,50	6.PNHP-090	12,50	6.0000-091	18,00

* 1 mg - 5 mg made of aluminium

SET

Nominal value	Qty.	Content	 Clean room plastic cases	 Beech wood box	DAkkS Calibration certificate			
			Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 500 mg	12	1,11 g	6.XFGP-710	171,00	6.XFGB-710	197,00	6.0000-711	96,00

Milligramm weights

SPECIAL STAINLESS STEEL HE210 highly polished

Wire shape



SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clean room plastic cases	DAkkS Calibration certificate			
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€		
1 mg	0,06	6.DBHO-010	9,00	6.DBHD-010	12,00	6.DBHP-010	13,00	6.0000-011	18,00
2 mg	0,06	6.DBHO-020	9,00	6.DBHD-020	12,00	6.DBHP-020	13,00	6.0000-021	18,00
5 mg	0,06	6.DBHO-030	9,00	6.DBHD-030	12,00	6.DBHP-030	13,00	6.0000-031	18,00
10 mg	0,08	6.DBHO-040	9,00	6.DBHD-040	12,00	6.DBHP-040	13,00	6.0000-041	18,00
20 mg	0,10	6.DBHO-050	9,00	6.DBHD-050	12,00	6.DBHP-050	13,00	6.0000-051	18,00
50 mg	0,12	6.DBHO-060	9,00	6.DBHD-060	12,00	6.DBHP-060	13,00	6.0000-061	18,00
100 mg	0,16	6.DBHO-070	9,00	6.DBHD-070	12,00	6.DBHP-070	13,00	6.0000-071	18,00
200 mg	0,2	6.DBHO-080	9,00	6.DBHD-080	12,00	6.DBHP-080	13,00	6.0000-081	18,00
500 mg	0,25	6.DBHO-090	9,00	6.DBHD-090	12,00	6.DBHP-090	13,00	6.0000-091	18,00

SET

Nominal value	Qty.	Content	 Clean room plastic cases	 Beech wood box	DAkkS Calibration certificate			
			Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 500 mg	12	1,11 g	6.XEGP-710	177,00	6.XEGB-710	202,00	6.0000-711	96,00

Knob weights

with adjustment chamber



STAINLESS STEEL HF12 polished

SINGLE WEIGHT

Nominal value	Tol.	without box	Plastic boxes with screwed top		Clean room plastic cases		Beech wood box		Service case		DAkks Calibration certificate	
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	6.0000-	€
1 g	0,3	6.KEGO-110	17,00	6.KEGD-110	20,00	6.KEGP-110	21,00	6.KEGB-110	29,00		...111	18,00
2 g	0,4	6.KEGO-120	18,00	6.KEGD-120	21,00	6.KEGP-120	22,00	6.KEGB-120	30,00		...121	18,00
5 g	0,5	6.KEGO-130	19,00	6.KEGD-130	22,00	6.KEGP-130	23,00	6.KEGB-130	31,00		...131	18,00
10 g	0,6	6.KEGO-140	21,00	6.KEGD-140	24,00	6.KEGP-140	25,00	6.KEGB-140	35,00		...141	18,00
20 g	0,8	6.KEGO-150	23,50	6.KEGD-150	26,50	6.KEGP-150	27,50	6.KEGB-150	37,50		...151	18,00
50 g	1,0	6.KEGO-160	26,00	6.KEGD-160	30,50	6.KEGP-160	30,00	6.KEGB-160	41,00		...161	18,00
100 g	1,6	6.KEGO-170	29,00	6.KEGD-170	33,50	6.KEGP-170	79,00	6.KEGB-170	44,00		...171	20,00
200 g	3,0	6.KEGO-180	39,00	6.KEGD-180	44,00	6.KEGP-180	89,00	6.KEGB-180	55,00		...181	20,00
500 g	8,0	6.KEGO-190	55,00	6.KEGD-190	60,80	6.KEGP-190	105,00	6.KEGB-190	73,00		...191	20,00
1 kg	16	6.KEGO-210	76,00	6.KEGD-210	83,50	6.KEGP-210	191,00	6.KEGB-210	99,00		...211	20,00
2 kg	30	6.KEGO-220	112,00	6.KEGD-220	124,00	6.KEGP-220	227,00	6.KEGB-220	138,00		...221	26,00
5 kg	80	6.KEGO-230	190,00	6.KEGD-230	208,00	6.KEGP-230	305,00	6.KEGB-230	236,00	6.KEGS-230	395,00	...231 26,00
10 kg	160	6.KEGO-240	375,00	6.KEGD-240	409,00	6.KEGP-240	510,00	6.KEGB-240	434,00	6.KEGS-240	585,00	...241 26,00
20 kg	300	6.KEGO-250	670,00					6.KEGB-250	845,00	6.KEGS-250	945,00	...251 36,00
50 kg	800	6.KEGO-260	1200,00					6.KEGB-260	1535,00	6.KEGS-260	1550,00	...261 38,00

SETS

Nominal value	Qty.	Content	Clean room plastic box		Beech wood box		Service case		DAkks Calibration certificate	
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g – 50 g	8	110 g	6.XKGP-560	229,00	6.XKGB-560	217,00	6.XKGS-560	474,00	6.0000-561	63,00
1 g – 100 g	9	210 g	6.XKGP-570	258,00	6.XKGB-570	250,00	6.XKGS-570	503,00	6.0000-571	75,00
1 g – 200 g	11	610 g	6.XKGP-580	336,00	6.XKGB-580	330,00	6.XKGS-580	581,00	6.0000-581	99,00
1 g – 500 g	12	1.110 g	6.XKGP-590	391,00	6.XKGB-590	388,00	6.XKGS-590	636,00	6.0000-591	111,00
1 g – 1 kg	13	2.110 g	6.XKGP-610	532,00	6.XKGB-610	503,00	6.XKGS-610	737,00	6.0000-611	123,00
1 g – 2 kg	15	6.110 g	6.XKGP-620	756,00	6.XKGB-620	769,00	6.XKGS-620	991,00	6.0000-621	159,00
1 g – 5 kg	16	11.110 g	6.XKGP-630	946,00	6.XKGB-630	1013,00	6.XKGS-630	1221,00	6.0000-631	177,00
1 g – 10 kg	17	21.110 g	6.XKGP-640	1341,00	6.XKGB-640	1447,00	6.XKGS-640	1966,00	6.0000-641	195,00
1 kg – 5 kg	4	10.000 g	6.XKGP-680	618,00	6.XKGB-680	685,00	6.XKGS-680	893,00	6.0000-681	70,00

SETS with mg- weights (flat polygonal sheets)

Nominal value	Qty.	Content	Clean room plastic box		Beech wood box		Service case		DAkks Calibration certificate	
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 5 g	16	6,11 g	6.XFGP-730	243,00	6.XFGB-730	231,00	6.XFGS-730	488,00	6.0000-731	128,00
1 mg – 50 g	20	111,11 g	6.XFGP-760	337,00	6.XFGB-760	325,00	6.XFGS-760	582,00	6.0000-761	159,00
1 mg – 100 g	21	211,11 g	6.XFGP-770	366,00	6.XFGB-770	358,00	6.XFGS-770	611,00	6.0000-771	171,00
1 mg – 200 g	23	611,11 g	6.XFGP-780	444,00	6.XFGB-780	438,00	6.XFGS-780	689,00	6.0000-781	195,00
1 mg – 500 g	24	1.111,11 g	6.XFGP-790	501,00	6.XFGB-790	498,00	6.XFGS-790	746,00	6.0000-791	207,00
1 mg – 1 kg	25	2.111,11 g	6.XFGP-810	642,00	6.XFGB-810	613,00	6.XFGS-810	847,00	6.0000-811	219,00
1 mg – 2 kg	27	6.111,11 g	6.XFGP-820	866,00	6.XFGB-820	879,00	6.XFGS-820	1101,00	6.0000-821	255,00
1 mg – 5 kg	28	11.111,11 g	6.XFGP-830	1056,00	6.XFGB-830	1123,00	6.XFGS-830	1331,00	6.0000-831	273,00
1 mg – 10 kg	29	21.111,11 g	6.XFGP-840	1451,00	6.XFGB-840	1557,00	6.XFGS-840	2076,00	6.0000-841	291,00

Cylinder weights

without adjustment chamber



STAINLESS STEEL HF12 polished

SINGLE WEIGHT

Nominal value	Tol.	without box	Plastic boxes with screwed top		Clean room plastic cases		Beech wood box		Service case		DAkkS Calibration certificate	
	+/- mg	Art.-Nr.	€	Art.-Nr.	€	Art.-Nr.	€	Art.-Nr.	€	Art.-Nr.	6.0000- € Art.-Nr.	€
1 g	0,3	6.ZEGO-110	17,50	6.ZEGD-110	20,50	6.ZEGP-110	21,50	6.ZEGB-110	29,50		...111	18,00
2 g	0,4	6.ZEGO-120	18,00	6.ZEGD-120	21,00	6.ZEGP-120	22,00	6.ZEGB-120	30,00		...121	18,00
5 g	0,5	6.ZEGO-130	18,00	6.ZEGD-130	21,00	6.ZEGP-130	22,00	6.ZEGB-130	30,00		...131	18,00
10 g	0,6	6.ZEGO-140	18,00	6.ZEGD-140	21,00	6.ZEGP-140	22,00	6.ZEGB-140	32,00		...141	18,00
20 g	0,8	6.ZEGO-150	19,00	6.ZEGD-150	22,00	6.ZEGP-150	23,00	6.ZEGB-150	33,00		...151	18,00
50 g	1,0	6.ZEGO-160	23,00	6.ZEGD-160	27,50	6.ZEGP-160	27,00	6.ZEGB-160	38,00		...161	18,00
100 g	1,6	6.ZEGO-170	27,50	6.ZEGD-170	27,50	6.ZEGP-170	27,00	6.ZEGB-170	38,00		...171	20,00
200 g	3,0	6.ZEGO-180	33,50	6.ZEGD-180	38,50	6.ZEGP-180	83,50	6.ZEGB-180	49,50		...181	20,00
500 g	8,0	6.ZEGO-190	52,00	6.ZEGD-190	57,80	6.ZEGP-190	102,00	6.ZEGB-190	70,00		...191	20,00
1 kg	16	6.ZEGO-210	76,00	6.ZEGD-210	83,50	6.ZEGP-210	191,00	6.ZEGB-210	99,00		...211	20,00
2 kg	30	6.ZEGO-220	138,00	6.ZEGD-220	150,00	6.ZEGP-220	253,00	6.ZEGB-220	164,00		...221	26,00
5 kg	80	6.ZEGO-230	280,00	6.ZEGD-230	298,00	6.ZEGP-230	395,00	6.ZEGB-230	326,00	6.ZEGS-230	485,00	...231 26,00
10 kg	160	6.ZEGO-240	505,00	6.ZEGD-240	539,00	6.ZEGP-240	640,00	6.ZEGB-240	564,00	6.ZEGS-240	715,00	...241 26,00

SETS

Nominal value	Qty.	Content	Clean room plastic box		Beech wood box		Service case		DAkkS Calibration certificate	
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g – 50 g	8	110 g	6.XZGP-560	213,00	6.XZGB-560	201,00	6.XZGS-560	458,00	6.0000-561	63,00
1 g – 100 g	9	210 g	6.XZGP-570	236,00	6.XZGB-570	228,00	6.XZGS-570	481,00	6.0000-571	75,00
1 g – 200 g	11	610 g	6.XZGP-580	303,00	6.XZGB-580	297,00	6.XZGS-580	548,00	6.0000-581	99,00
1 g – 500 g	12	1.110 g	6.XZGP-590	355,00	6.XZGB-590	352,00	6.XZGS-590	600,00	6.0000-591	111,00
1 g – 1 kg	13	2.110 g	6.XZGP-610	496,00	6.XZGB-610	467,00	6.XZGS-610	701,00	6.0000-611	123,00
1 g – 2 kg	15	6.110 g	6.XZGP-620	772,00	6.XZGB-620	785,00	6.XZGS-620	1007,00	6.0000-621	159,00
1 g – 5 kg	16	11.110 g	6.XZGP-630	1052,00	6.XZGB-630	1119,00	6.XZGS-630	1327,00	6.0000-631	177,00
1 g – 10 kg	17	21.110 g	6.XZGP-640	1577,00	6.XZGB-640	1683,00	6.XZGS-640	2202,00	6.0000-641	195,00
1 kg – 5 kg	4	10.000 g	6.XZGP-680	760,00	6.XZGB-680	827,00	6.XZGS-680	1035,00	6.0000-651	70,00



Cylinder weights (Eco mass)

with adjustment chamber



SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top		 Clean room plastic cases		 Beech wood box		 Service case		DAkks Calibration certificate		
			Art.-Nr.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	
1 g	0,3	6.EEGO-110	16,50	6.EEGD-110	19,50	6.EEGP-110	20,50	6.EEGB-110	28,50			6.0000-111	18,00
2 g	0,4	6.EEGO-120	17,50	6.EEGD-120	20,50	6.EEGP-120	21,50	6.EEGB-120	29,50			6.0000-121	18,00
5 g	0,5	6.EEGO-130	18,00	6.EEGD-130	21,00	6.EEGP-130	22,00	6.EEGB-130	30,00			6.0000-131	18,00
10 g	0,6	6.EEGO-140	19,00	6.EEGD-140	22,00	6.EEGP-140	23,00	6.EEGB-140	33,00			6.0000-141	18,00
20 g	0,8	6.EEGO-150	21,00	6.EEGD-150	24,00	6.EEGP-150	25,00	6.EEGB-150	35,00			6.0000-151	18,00
50 g	1,0	6.EEGO-160	25,00	6.EEGD-160	28,50	6.EEGP-160	29,00	6.EEGB-160	40,00			6.0000-161	18,00
100 g	1,6	6.EEGO-170	28,00	6.EEGD-170	28,50	6.EEGP-170	29,00	6.EEGB-170	40,00			6.0000-171	20,00
200 g	3,0	6.EEGO-180	37,00	6.EEGD-180	37,50	6.EEGP-180	87,00	6.EEGB-180	53,00			6.0000-181	20,00
500 g	8,0	6.EEGO-190	53,00	6.EEGD-190	53,80	6.EEGP-190	103,00	6.EEGB-190	71,00			6.0000-191	20,00
1 kg	16	6.EEGO-210	74,00	6.EEGD-210	72,50	6.EEGP-210	189,00	6.EEGB-210	97,00			6.0000-211	20,00
2 kg	30	6.EEGO-220	110,00	6.EEGD-220	104,00	6.EEGP-220	225,00	6.EEGB-220	136,00			6.0000-221	26,00
5 kg	80	6.EEGO-230	165,00	6.EEGD-230	188,00	6.EEGP-230	280,00	6.EEGB-230	211,00	6.EEGS-230	375,00	6.0000-231	26,00
10 kg	160	6.EEGO-240	370,00	6.EEGD-240	379,00	6.EEGP-240	505,00	6.EEGB-240	429,00	6.EEGS-240	555,00	6.0000-241	26,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAkks Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g – 50 g	8	110 g	6.XJGP-560	218,00	6.XJGB-560	206,00	6.XJGS-560	462,00	6.0000-561	63,00
1 g – 100 g	9	210 g	6.XJGP-570	243,00	6.XJGB-570	235,00	6.XJGS-570	486,00	6.0000-571	75,00
1 g – 200 g	11	610 g	6.XJGP-580	317,00	6.XJGB-580	311,00	6.XJGS-580	551,00	6.0000-581	99,00
1 g – 500 g	12	1.110 g	6.XJGP-590	370,00	6.XJGB-590	367,00	6.XJGS-590	599,00	6.0000-591	111,00
1 g – 1 kg	13	2.110 g	6.XJGP-610	509,00	6.XJGB-610	480,00	6.XJGS-610	689,00	6.0000-611	123,00
1 g – 2 kg	15	6.110 g	6.XJGP-620	729,00	6.XJGB-620	742,00	6.XJGS-620	903,00	6.0000-621	159,00
1 g – 5 kg	16	11.110 g	6.XJGP-630	894,00	6.XJGB-630	961,00	6.XJGS-630	1113,00	6.0000-631	177,00
1 g – 10 kg	17	21.110 g	6.XJGP-640	1284,00	6.XJGB-640	1390,00	6.XJGS-640	1828,00	6.0000-641	195,00
1 kg – 5 kg	4	10.000 g	6.XJGP-680	587,00	6.XJGB-680	654,00	6.XJGS-680	822,00	6.0000-651	70,00



Block weights

round



STAINLESS STEEL HF12 polished

SINGLE WEIGHT

Nominal value	Tol.	without box	 Clean room plastic cases	 Beech wood box	 Service case	 Clean room case with insert	Dakks Calibration certificate						
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	6.0000- Art.no.	€		
5 kg	80	6.REGO-230	325,00	6.REGP-230	440,00	6.REGB-230	371,00	6.REGS-230	530,00	6.REGR-230	715,00	...231	26,00
10 kg	160	6.REGO-240	460,00	6.REGP-240	595,00	6.REGB-240	519,00	6.REGS-240	670,00	6.REGR-240	920,00	...241	26,00
20 kg	300	6.REGO-250	600,00			6.REGB-250	775,00	6.REGS-250	875,00	6.REGR-250	1275,00	...251	36,00
25 kg	400	6.REGO-450	870,00			6.REGB-450	1188,00	6.REGS-450	1185,00			...451	38,00
50 kg	800	6.REGO-260	1550,00			6.REGB-260	1885,00	6.REGS-260	1900,00	6.REGR-260	2490,00	...261	38,00

rectangular SINGLE WEIGHT



Nominal value		Tol. without box		 Clean room plastic cases	 Leather cases	 Service case	 Clean room case with insert	DAkks Calibration certificate					
+/- mg		Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	6.0000- Art.no.	€		
5 kg	80	6.BEPO-230	350,00	6.BEPP-230	465,00	6.BEPL-230	389,00	6.BEPS-230	555,00	6.BEPR-230	740,00	...231	26,00
10 kg	160	6.BEPO-240	490,00	6.BEPP-240	625,00	6.BEPL-240	532,00	6.BEPS-240	700,00	6.BEPR-240	950,00	...241	26,00
20 kg	300	6.BEPO-250	630,00			6.BEPL-250	675,00	6.BEPS-250	905,00	6.BEPR-250	1305,00	...251	36,00
25 kg	400	6.BEPO-450	915,00					6.BEPS-450	1230,00			...451	38,00
50 kg	800	6.BEPO-260	1620,00					6.BEPS-260	1970,00	6.BEPR-260	2560,00	...261	38,00

Basket weights

for round block weights



STAINLESS STEEL HF12 polished

Nominal value	max. weight	Tol.	without box		DAkks Calibration certificate	
		+/- mg	Art.no.	€	Art.no.	€
20 kg	120 kg	300	6.NEGO-250	3250,00	6.0000-251	36,00
40 kg	250 kg	600	6.NEGO-410	3450,00	6.0000-411	46,00
50 kg	500 kg	800	6.NEGO-260	3500,00	6.0000-261	38,00
60 kg	500 kg	960	6.NEGO-420	3600,00	6.0000-421	48,00

for rectangular block weights



Nominal value	max. weight	Tol.			DAkks Calibration certificate			
		+/- mg			without box			
			Art.no.	€	Art.no.	€		
20 kg	120 kg	300	6.LEGO-250	3190,00	6.0000-251	36,00		
40 kg	250 kg	600	6.LEGO-410	3390,00	6.0000-411	46,00		
50 kg	500 kg	800	6.LEGO-260	3450,00	6.0000-261	38,00		
60 kg	500 kg	960	6.LEGO-420	3500,00	6.0000-421	48,00		

Custom-made products according to customer specification.

Cylinder weights


STAINLESS STEEL HF12 polished

SINGLE WEIGHT with 4 stood bolts

Nominal value	Tol.	 Wooden box		 Service case		PTB Calibration certificate		DAkkS Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
100 kg	1,6	6.ZEGB-270	6580,00	6.ZEGS-270	7100,00			6.0000-271	140,00
200 kg	3,0	6.ZEGB-280	10320,00	6.ZEGS-280	10840,00			6.0000-281	150,00
250 kg	4,0	6.ZEGB-460	12060,00	6.ZEGS-460	12600,00			6.0000-461	180,00
500 kg	8,0	6.ZEGB-290	18140,00	6.ZEGS-290	18700,00			6.0000-291	180,00
1000 kg	16	6.ZEGB-310	28220,00	6.ZEGS-310	28900,00	6.0000-316	2850,00		
2000 kg	30	6.ZEGB-320	56850,00	6.ZEGS-320	57750,00	6.0000-326	3250,00		



SINGLE WEIGHT with eyebolt

Nominal value	Tol.	 Wooden box		 Service case		PTB Calibration certificate		DAkkS Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
100 kg	1,6	6.UEGB-270	6180,00	6.UEGS-270	6700,00			6.0000-271	140,00
200 kg	3,0	6.UEGB-280	9820,00	6.UEGS-280	10340,00			6.0000-281	150,00
250 kg	4,0	6.UEGB-460	11660,00	6.UEGS-460	12200,00			6.0000-461	180,00
500 kg	8,0	6.UEGB-290	17540,00	6.UEGS-290	18100,00			6.0000-291	180,00
1000 kg	16	6.UEGB-310	27620,00	6.UEGS-310	28300,00	6.0000-316	2850,00		
2000 kg	30	6.UEGB-320	56250,00	6.UEGS-320	57150,00	6.0000-326	3250,00		



Carrier weights



STAINLESS STEEL HF12 polished

SINGLE WEIGHT

Nominal value	Tol. +/- mg	without box		DAkKS Calibration certificate	
		Art.no.	€	Art.no.	€
1 g	0,3	6.TEGO-110	60,00	6.0000-111	18,00
2 g	0,4	6.TEGO-120	60,00	6.0000-121	18,00
5 g	0,5	6.TEGO-130	60,00	6.0000-131	18,00
10 g	0,6	6.TEGO-140	90,00	6.0000-141	18,00
20 g	0,8	6.TEGO-150	97,00	6.0000-151	18,00
50 g	1,0	6.TEGO-160	110,00	6.0000-161	18,00
100 g	1,6	6.TEGO-170	130,00	6.0000-171	20,00
200 g	3,0	6.TEGO-180	165,00	6.0000-181	20,00
500 g	8,0	6.TEGO-190	190,00	6.0000-191	20,00
1 kg	16	6.TEGO-210	250,00	6.0000-211	20,00
2 kg	30	6.TEGO-220	400,00	6.0000-221	26,00
5 kg	80	6.TEGO-230	650,00	6.0000-231	26,00
10 kg	160	6.TEGO-240	900,00	6.0000-241	26,00
20 kg	300	6.TEGO-250	1250,00	6.0000-251	36,00

Slotted weights



STAINLESS STEEL HF12 polished

SINGLE WEIGHT

Nominal value	Tol. +/- mg	without box		DAkKS Calibration certificate	
		Art.no.	€	Art.no.	€
1 g	0,3	6.IEGO-110	40,00	6.0000-111	18,00
2 g	0,4	6.IEGO-120	42,00	6.0000-121	18,00
5 g	0,5	6.IEGO-130	45,00	6.0000-131	18,00
10 g	0,6	6.IEGO-140	46,00	6.0000-141	18,00
20 g	0,8	6.IEGO-150	49,00	6.0000-151	18,00
50 g	1,0	6.IEGO-160	52,00	6.0000-161	18,00
100 g	1,6	6.IEGO-170	58,00	6.0000-171	20,00
200 g	3,0	6.IEGO-180	68,00	6.0000-181	20,00
500 g	8,0	6.IEGO-190	100,00	6.0000-191	20,00
1 kg	16	6.IEGO-210	150,00	6.0000-211	20,00
2 kg	30	6.IEGO-220	220,00	6.0000-221	26,00
5 kg	80	6.IEGO-230	350,00	6.0000-231	26,00
10 kg	160	6.IEGO-240	580,00	6.0000-241	26,00
20 kg	300	6.IEGO-250	880,00	6.0000-251	36,00

M1

Precision weights - class M1

Adjustment, testing and calibration weights for commercial balances (class III) and for quality assurance of scales with steps < 30 000 according to ISO 9001ff.



Weights in the exclusive assortment case.

ACCESSORIES



All weight sets include gloves, two brushes and two tweezers.

Up to 50 g without big tweezers, big brush and gloves.



CLEAN ROOM
PLASTIC CASES



BEECH WOODEN
BOX



SERVICE
CASE



PLASTIC BOXES WITH
SCREWED TOP

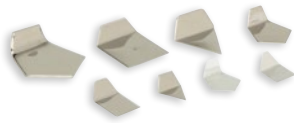


LEATHER CASES

Milligramm weights

ALUMINIUM / GERMAN SILVER ICKEL SILVER

Flat polygonal sheets



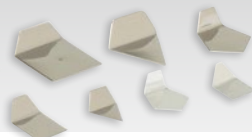
SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top		 Clean room plastic cases		DAkkS Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 mg	0,20	5.PAHO-010	3,70	5.PAHD-010	6,70	5.PAHP-010	7,70	5.0000-011	15,00
2 mg	0,20	5.PAHO-020	3,70	5.PAHD-020	6,70	5.PAHP-020	7,70	5.0000-021	15,00
5 mg	0,20	5.PAHO-030	3,70	5.PAHD-030	6,70	5.PAHP-030	7,70	5.0000-031	15,00
10 mg	0,25	5.PNHO-040	3,70	5.PNHD-040	6,70	5.PNHP-040	7,70	5.0000-041	15,00
20 mg	0,30	5.PNHO-050	3,70	5.PNHD-050	6,70	5.PNHP-050	7,70	5.0000-051	15,00
50 mg	0,40	5.PNHO-060	3,70	5.PNHD-060	6,70	5.PNHP-060	7,70	5.0000-061	15,00
100 mg	0,50	5.PNHO-070	3,70	5.PNHD-070	6,70	5.PNHP-070	7,70	5.0000-071	15,00
200 mg	0,60	5.PNHO-080	3,70	5.PNHD-080	6,70	5.PNHP-080	7,70	5.0000-081	15,00
500 mg	0,80	5.PNHO-090	3,70	5.PNHD-090	6,70	5.PNHP-090	7,70	5.0000-091	15,00

* 1 mg - 5 mg made of aluminium

SETS

Nominal value	Qty.	Content	 Clean room plastic cases		 Beech wood box		DAkkS Calibration certificate	
			Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 500 mg	12	1,11 g	5.XMFP-710	115,00	5.XMFB-710	103,00	5.0000-711	66,00



Knob weights


BRASS finely turned

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases	 Beech wood box	 Service case	DAkks Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	5.0000- Art.no.	€
1 g	1,0	5.KMFO-110	3,90	5.KMFD-110	6,90	5.KMFP-110	7,90	5.KMFB-110	15,90		...111 15,00
2 g	1,2	5.KMFO-120	4,00	5.KMFD-120	7,00	5.KMFP-120	8,00	5.KMFB-120	16,00		...121 15,00
5 g	1,6	5.KMFO-130	4,50	5.KMFD-130	7,50	5.KMFP-130	8,50	5.KMFB-130	16,50		...131 15,00
10 g	2,0	5.KMFO-140	5,00	5.KMFD-140	8,00	5.KMFP-140	9,00	5.KMFB-140	19,00		...141 15,00
20 g	2,5	5.KMFO-150	5,20	5.KMFD-150	8,20	5.KMFP-150	9,20	5.KMFB-150	19,20		...151 15,00
50 g	3,0	5.KMFO-160	5,50	5.KMFD-160	10,00	5.KMFP-160	9,50	5.KMFB-160	20,50		...161 15,00
100 g	5	5.KMFO-170	6,50	5.KMFD-170	11,00			5.KMFB-170	21,50		...171 16,00
200 g	10	5.KMFO-180	12,00	5.KMFD-180	17,00			5.KMFB-180	28,00		...181 16,00
500 g	25	5.KMFO-190	25,00	5.KMFD-190	30,80			5.KMFB-190	43,00		...191 16,00
1 kg	50	5.KMFO-210	39,00	5.KMFD-210	46,50			5.KMFB-210	62,00		...211 16,00
2 kg	100	5.KMFO-220	65,00	5.KMFD-220	77,00			5.KMFB-220	91,00		...221 17,00
5 kg	250	5.KMFO-230	150,00	5.KMFD-230	168,00			5.KMFB-230	196,00	5.KMFS-230	355,00 ...231 17,00
10 kg	500	5.KMFO-240	280,00	5.KMFD-240	314,00			5.KMFB-240	339,00	5.KMFS-240	490,00 ...241 17,00
20 kg	1.000	5.KMFO-250	590,00					5.KMFB-250	765,00	5.KMFS-250	865,00 ...251 22,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAkks Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€		
1 g – 50 g	8	110 g	5.XAFP-560	100,00	5.XAFB-560	88,00	5.XAFS-560	345,00	5.0000-561	46,00
1 g – 100 g	9	210 g	5.XAFP-570	107,00	5.XAFB-570	99,00	5.XAFS-570	352,00	5.0000-571	51,00
1 g – 200 g	11	610 g	5.XAFP-580	131,00	5.XAFB-580	125,00	5.XAFS-580	376,00	5.0000-581	62,00
1 g – 500 g	12	1.110 g	5.XAFP-590	156,00	5.XAFB-590	153,00	5.XAFS-590	401,00	5.0000-591	68,00
1 g – 1 kg	13	2.110 g	5.XAFP-610	260,00	5.XAFB-610	231,00	5.XAFS-610	465,00	5.0000-611	73,00
1 g – 2 kg	15	6.110 g	5.XAFP-620	390,00	5.XAFB-620	382,00	5.XAFS-620	625,00	5.0000-621	85,00
1 g – 5 kg	16	11.110 g	5.XAFP-630	540,00	5.XAFB-630	589,00	5.XAFS-630	815,00	5.0000-631	91,00
1 g – 10 kg	17	21.110 g	5.XAFP-640	827,00	5.XAFB-640	920,00	5.XAFS-640	1452,00	5.0000-641	99,00

SETS with mg- weights (flat polygonal sheets)

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAkks Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 50 g	20	111,11 g	5.XMFP-760	152,00	5.XMFB-760	140,00	5.XMFS-760	397,00	5.0000-761	112,00
1 mg – 100 g	21	211,11 g	5.XMFP-770	159,00	5.XMFB-770	151,00	5.XMFS-770	404,00	5.0000-771	117,00
1 mg – 200 g	23	611,11 g	5.XMFP-780	183,00	5.XMFB-780	177,00	5.XMFS-780	428,00	5.0000-781	128,00
1 mg – 500 g	24	1.111,11 g	5.XMFP-790	208,00	5.XMFB-790	205,00	5.XMFS-790	453,00	5.0000-791	134,00
1 mg – 1 kg	25	2.111,11 g	5.XMFP-810	312,00	5.XMFB-810	283,00	5.XMFS-810	517,00	5.0000-811	139,00
1 mg – 2 kg	27	6.111,11 g	5.XMFP-820	442,00	5.XMFB-820	434,00	5.XMFS-820	677,00	5.0000-821	151,00
1 mg – 5 kg	28	11.111,11 g	5.XMFP-830	592,00	5.XMFB-830	641,00	5.XMFS-830	867,00	5.0000-831	157,00
1 mg – 10 kg	29	21.111,11 g	5.XMFP-840	892,00	5.XMFB-840	985,00	5.XMFS-840	1517,00	5.0000-841	165,00

Knob weights



STAINLESS STEEL HF12 finely turned

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases	 Beech wood box	 Service case	Dakks Calibration certificate						
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	5.0000- Art.no.	€		
1 g	1,0	5.KEFO-110	4,50	5.KEFD-110	7,50	5.KEFP-110	8,50	5.KEFB-110	16,50		...111	15,00	
2 g	1,2	5.KEFO-120	4,70	5.KEFD-120	7,70	5.KEFP-120	8,70	5.KEFB-120	16,70		...121	15,00	
5 g	1,6	5.KEFO-130	5,10	5.KEFD-130	8,10	5.KEFP-130	9,10	5.KEFB-130	17,10		...131	15,00	
10 g	2,0	5.KEFO-140	5,50	5.KEFD-140	8,50	5.KEFP-140	9,50	5.KEFB-140	19,50		...141	15,00	
20 g	2,5	5.KEFO-150	6,00	5.KEFD-150	9,00	5.KEFP-150	10,00	5.KEFB-150	20,00		...151	15,00	
50 g	3,0	5.KEFO-160	7,50	5.KEFD-160	12,00	5.KEFP-160	11,50	5.KEFB-160	22,50		...161	15,00	
100 g	5	5.KEFO-170	8,50	5.KEFD-170	13,00	5.KEFP-170	68,50	5.KEFB-170	23,50		...171	16,00	
200 g	10	5.KEFO-180	13,80	5.KEFD-180	18,80	5.KEFP-180	73,80	5.KEFB-180	29,80		...181	16,00	
500 g	25	5.KEFO-190	29,50	5.KEFD-190	35,30	5.KEFP-190	89,50	5.KEFB-190	47,50		...191	16,00	
1 kg	50	5.KEFO-210	47,50	5.KEFD-210	55,00	5.KEFP-210	107,50	5.KEFB-210	70,50		...211	16,00	
2 kg	100	5.KEFO-220	79,00	5.KEFD-220	91,00	5.KEFP-220	139,00	5.KEFB-220	105,00		...221	17,00	
5 kg	250	5.KEFO-230	180,00	5.KEFD-230	198,00	5.KEFP-230	570,00	5.KEFB-230	226,00	5.KEFS-230	385,00	...231	17,00
10 kg	500	5.KEFO-240	350,00	5.KEFD-240	384,00	5.KEFP-240	810,00	5.KEFB-240	409,00	5.KEFS-240	560,00	...241	17,00
20 kg	1000	5.KEFO-250	640,00			5.KEFP-250	1315,00	5.KEFB-250	855,00	5.KEFS-250	915,00	...251	22,00

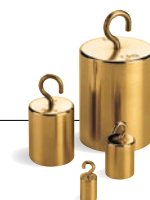
SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	 DAKKS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€		
1 g – 50 g	8	110 g	5.XKFP-560	100,00	5.XKFB-560	95,00	5.XKFS-560	352,00	5.0000-561	46,00
1 g – 100 g	9	210 g	5.XKFP-570	107,00	5.XKFB-570	107,00	5.XKFS-570	360,00	5.0000-571	51,00
1 g – 200 g	11	610 g	5.XKFP-580	131,00	5.XKFB-580	137,00	5.XKFS-580	388,00	5.0000-581	62,00
1 g – 500 g	12	1.110 g	5.XKFP-590	156,00	5.XKFB-590	169,00	5.XKFS-590	417,00	5.0000-591	68,00
1 g – 1 kg	13	2.110 g	5.XKFP-610	260,00	5.XKFB-610	256,00	5.XKFS-610	490,00	5.0000-611	73,00
1 g – 2 kg	15	6.110 g	5.XKFP-620	390,00	5.XKFB-620	456,00	5.XKFS-620	678,00	5.0000-621	85,00
1 g – 5 kg	16	11.110 g	5.XKFP-630	540,00	5.XKFB-630	690,00	5.XKFS-630	898,00	5.0000-631	91,00
1 g – 10 kg	17	21.110 g	5.XKFP-640	993,00	5.XKFB-640	1099,00	5.XKFS-640	1618,00	5.0000-641	99,00

SETS with mg- weights (flat polygonal sheets)

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	 DAKKS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 mg – 50 g	20	111,11 g	5.XFFP-760	159,00	5.XFFB-760	147,00	5.XFFS-760	404,00	5.0000-761	112,00
1 mg – 100 g	21	211,11 g	5.XFFP-770	168,00	5.XFFB-770	160,00	5.XFFS-770	413,00	5.0000-771	117,00
1 mg – 200 g	23	611,11 g	5.XFFP-780	195,00	5.XFFB-780	189,00	5.XFFS-780	440,00	5.0000-781	128,00
1 mg – 500 g	24	1.111,11 g	5.XFFP-790	225,00	5.XFFB-790	222,00	5.XFFS-790	470,00	5.0000-791	134,00
1 mg – 1 kg	25	2.111,11 g	5.XFFP-810	337,00	5.XFFB-810	308,00	5.XFFS-810	542,00	5.0000-811	139,00
1 mg – 2 kg	27	6.111,11 g	5.XFFP-820	495,00	5.XFFB-820	508,00	5.XFFS-820	730,00	5.0000-821	151,00
1 mg – 5 kg	28	11.111,11 g	5.XFFP-830	675,00	5.XFFB-830	742,00	5.XFFS-830	950,00	5.0000-831	157,00
1 mg – 10 kg	29	21.111,11 g	5.XFFP-840	1045,00	5.XFFB-840	1151,00	5.XFFS-840	1670,00	5.0000-841	165,00

Hook weight


BRASS finely turned

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases	 Beech wood box	 Service case	DAkks Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	5.0000- Art.no.	€
1 g	1,0	5.HMFO-110	11,50	5.HMFD-110	14,50	5.HMFP-110	15,50	5.HMFB-110	23,50		...111 15,00
2 g	1,2	5.HMFO-120	12,30	5.HMFD-120	15,30	5.HMFP-120	16,30	5.HMFB-120	24,30		...121 15,00
5 g	1,6	5.HMFO-130	12,80	5.HMFD-130	15,80	5.HMFP-130	16,80	5.HMFB-130	24,80		...131 15,00
10 g	2,0	5.HMFO-140	13,20	5.HMFD-140	16,20	5.HMFP-140	17,20	5.HMFB-140	27,20		...141 15,00
20 g	2,5	5.HMFO-150	13,50	5.HMFD-150	16,50	5.HMFP-150	17,50	5.HMFB-150	27,50		...151 15,00
50 g	3,0	5.HMFO-160	15,00	5.HMFD-160	19,50	5.HMFP-160	19,00	5.HMFB-160	30,00		...161 15,00
100 g	5	5.HMFO-170	17,00	5.HMFD-170	21,50	5.HMFP-170	77,00	5.HMFB-170	32,00		...171 16,00
200 g	10	5.HMFO-180	21,00	5.HMFD-180	26,00	5.HMFP-180	81,00	5.HMFB-180	37,00		...181 16,00
500 g	25	5.HMFO-190	29,00	5.HMFD-190	34,80	5.HMFP-190	89,00	5.HMFB-190	47,00		...191 16,00
1 kg	50	5.HMFO-210	42,00	5.HMFD-210	49,50	5.HMFP-210	102,00	5.HMFB-210	65,00		...211 16,00
2 kg	100	5.HMFO-220	75,00	5.HMFD-220	87,00	5.HMFP-220	135,00	5.HMFB-220	101,00		...221 17,00
5 kg	250	5.HMFO-230	165,00	5.HMFD-230	183,00	5.HMFP-230	555,00	5.HMFB-230	211,00	5.HMFS-230	370,00 ...231 17,00
10 kg	500	5.HMFO-240	295,00	5.HMFD-240	329,00	5.HMFP-240	755,00	5.HMFB-240	354,00	5.HMFS-240	505,00 ...241 17,00
20 kg	1000	5.HMFO-250	570,00			5.HMFP-250	1245,00	5.HMFB-250	785,00	5.HMFS-250	845,00 ...251 22,00
50 kg	2500	5.HMFO-260	1250,00					5.HMFB-260	1585,00	5.HMFS-260	1600,00 ...261 24,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAkks Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€		
1 g – 50 g	8	110 g	5.XHFP-560	161,00	5.XHFB-560	149,00	5.XHFS-560	345,00	5.0000-561	46,00
1 g – 100 g	9	210 g	5.XHFP-570	178,00	5.XHFB-570	170,00	5.XHFS-570	352,00	5.0000-571	51,00
1 g – 200 g	11	610 g	5.XHFP-580	220,00	5.XHFB-580	214,00	5.XHFS-580	376,00	5.0000-581	62,00
1 g – 500 g	12	1.110 g	5.XHFP-590	249,00	5.XHFB-590	246,00	5.XHFS-590	401,00	5.0000-591	68,00
1 g – 1 kg	13	2.110 g	5.XHFP-610	356,00	5.XHFB-610	327,00	5.XHFS-610	465,00	5.0000-611	73,00
1 g – 2 kg	15	6.110 g	5.XHFP-620	506,00	5.XHFB-620	519,00	5.XHFS-620	595,00	5.0000-621	85,00
1 g – 5 kg	16	11.110 g	5.XHFP-630	671,00	5.XHFB-630	738,00	5.XHFS-630	785,00	5.0000-631	91,00
1 g – 10 kg	17	21.110 g	5.XHFP-640	986,00	5.XHFB-640	1092,00	5.XHFS-640	692,00	5.0000-641	99,00



Hook weight



STAINLESS STEEL HF12 finely turned

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases	 Beech wood box	 Service case	DAKKS Calibration certificate						
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	5.0000- Art.no.	€
1 g	1,0	5.HEFO-110	12,80	5.HEFD-110	15,80	5.HEFP-110	16,80	5.HEFB-110	24,80			...111	15,00
2 g	1,2	5.HEFO-120	13,20	5.HEFD-120	16,20	5.HEFP-120	17,20	5.HEFB-120	25,20			...121	15,00
5 g	1,6	5.HEFO-130	13,30	5.HEFD-130	16,30	5.HEFP-130	17,30	5.HEFB-130	25,30			...131	15,00
10 g	2,0	5.HEFO-140	13,50	5.HEFD-140	16,50	5.HEFP-140	17,50	5.HEFB-140	27,50			...141	15,00
20 g	2,5	5.HEFO-150	13,70	5.HEFD-150	16,70	5.HEFP-150	17,70	5.HEFB-150	27,70			...151	15,00
50 g	3,0	5.HEFO-160	15,50	5.HEFD-160	20,00	5.HEFP-160	19,50	5.HEFB-160	30,50			...161	15,00
100 g	5	5.HEFO-170	17,50	5.HEFD-170	22,00	5.HEFP-170	77,50	5.HEFB-170	32,50			...171	16,00
200 g	10	5.HEFO-180	24,00	5.HEFD-180	29,00	5.HEFP-180	84,00	5.HEFB-180	40,00			...181	16,00
500 g	25	5.HEFO-190	31,00	5.HEFD-190	36,80	5.HEFP-190	91,00	5.HEFB-190	49,00			...191	16,00
1 kg	50	5.HEFO-210	45,00	5.HEFD-210	52,50	5.HEFP-210	105,00	5.HEFB-210	68,00			...211	16,00
2 kg	100	5.HEFO-220	80,00	5.HEFD-220	92,00	5.HEFP-220	140,00	5.HEFB-220	106,00			...221	17,00
5 kg	250	5.HEFO-230	190,00	5.HEFD-230	208,00	5.HEFP-230	580,00	5.HEFB-230	236,00	5.HEFS-230	395,00	...231	17,00
10 kg	500	5.HEFO-240	360,00	5.HEFD-240	394,00	5.HEFP-240	820,00	5.HEFB-240	419,00	5.HEFS-240	570,00	...241	17,00
20 kg	1000	5.HEFO-250	650,00			5.HEFP-250	1325,00	5.HEFB-250	865,00	5.HEFS-250	925,00	...251	22,00
50 kg	2500	5.HEFO-260	1350,00					5.HEFB-260	1685,00	5.HEFS-260	1700,00	...261	24,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAKKS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g – 50 g	8	110 g	5.XUFP-560	166,00	5.XUFB-560	154,00	5.XUFS-560	345,00	5.0000-561	46,00
1 g – 100 g	9	210 g	5.XUFP-570	183,00	5.XUFB-570	175,00	5.XUFS-570	352,00	5.0000-571	51,00
1 g – 200 g	11	610 g	5.XUFP-580	231,00	5.XUFB-580	225,00	5.XUFS-580	376,00	5.0000-581	62,00
1 g – 500 g	12	1.110 g	5.XUFP-590	262,00	5.XUFB-590	259,00	5.XUFS-590	401,00	5.0000-591	68,00
1 g – 1 kg	13	2.110 g	5.XUFP-610	372,00	5.XUFB-610	343,00	5.XUFS-610	465,00	5.0000-611	73,00
1 g – 2 kg	15	6.110 g	5.XUFP-620	532,00	5.XUFB-620	545,00	5.XUFS-620	595,00	5.0000-621	85,00
1 g – 5 kg	16	11.110 g	5.XUFP-630	722,00	5.XUFB-630	789,00	5.XUFS-630	785,00	5.0000-631	91,00
1 g – 10 kg	17	21.110 g	5.XUFP-640	1102,00	5.XUFB-640	1208,00	5.XUFS-640	692,00	5.0000-641	99,00



Block weights

rectangular



SINGLE WEIGHT

CAST IRON black painted

Nominal value	Tol.	without box		 Leather cases	 Service case	DAkkS Calibration certificate			
		Art.no.	€	Art.no.	€	Art.no.	€		
5 kg	250	5.BGSO-230	57,00	5.BGSL-230	96,00	5.BGSS-230	262,00	5.0000-231	17,00
10 kg	500	5.BGSO-240	77,00	5.BGSL-240	119,00	5.BGSS-240	287,00	5.0000-241	17,00
20 kg	1000	5.BGSO-250	105,00	5.BGSL-250	150,00	5.BGSS-250	380,00	5.0000-251	22,00
25 kg	1250	5.BGSO-450	221,00			5.BGSS-450	536,00	5.0000-451	24,00
50 kg	2500	5.BGSO-260	347,00			5.BGSS-260	697,00	5.0000-261	24,00



SINGLE WEIGHT

CAST IRON zinc sprayed

Nominal value	Tol.	without box		 Leather cases	 Service case	DAkkS Calibration certificate			
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€		
5 kg	250	5.BGZO-230	93,30	5.BGZL-230	132,30	5.BGZS-230	298,30	5.0000-231	17,00
10 kg	500	5.BGZO-240	135,10	5.BGZL-240	177,10	5.BGZS-240	345,10	5.0000-241	17,00
20 kg	1000	5.BGZO-250	207,50	5.BGZL-250	252,50	5.BGZS-250	482,50	5.0000-251	22,00
25 kg	1250	5.BGZO-450	316,00			5.BGZS-450	631,00	5.0000-451	24,00
50 kg	2500	5.BGZO-260	517,00			5.BGZS-260	867,00	5.0000-261	24,00



SINGLE WEIGHT

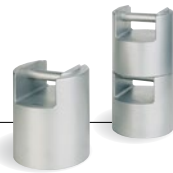
STAINLESS STEEL HF12 polished / glass pearl blasted

Nominal value	Tol.	without box		 Leather cases	 Service case	DAkkS Calibration certificate			
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€		
5 kg	250	5.BETO-230	315,00	5.BETL-230	354,00	5.BEGS-230	520,00	5.0000-231	17,00
10 kg	500	5.BETO-240	450,00	5.BETL-240	492,00	5.BEGS-240	660,00	5.0000-241	17,00
20 kg	1000	5.BETO-250	570,00	5.BETL-250	615,00	5.BEGS-250	845,00	5.0000-251	22,00
25 kg	1250	5.BETO-450	690,00			5.BEGS-450	1005,00	5.0000-451	24,00
50 kg	2500	5.BETO-260	1490,00			5.BEGS-260	1840,00	5.0000-261	24,00



Block weights

round



STAINLESS STEEL HF12

polished / glass pearl blasted

SINGLE WEIGHT

Nominal value	Tol.	without box		 Service case		DAkkS Calibration certificate	
		Art.no.	€		€	Art.no.	€
5 kg	250	5.RETO-230	300,00	5.RETS-230	505,00	5.0000-231	17,00
10 kg	500	5.RETO-240	420,00	5.RETS-240	630,00	5.0000-241	17,00
20 kg	1000	5.RETO-250	550,00	5.RETS-250	825,00	5.0000-251	22,00
25 kg	1250	5.RETO-450	660,00	5.RETS-450	975,00	5.0000-451	24,00
50 kg	2500	5.RETO-260	1420,00	5.RETS-260	1770,00	5.0000-261	24,00

Basket weights

for round block weights



STAINLESS STEEL HF12

polished / glass pearl blasted

Nominal value	max. weight	Tol.	without box			DAkkS Calibration certificate	
			Art.no.	€		Art.no.	€
20 kg	120 kg	1000	5.NETO-250	950,00		5.0000-251	22,00
40 kg	250 kg	2000	5.NETO-410	1100,00		5.0000-411	24,00
50 kg	500 kg	2500	5.NETO-260	1150,00		5.0000-261	24,00
60 kg	500 kg	3000	5.NETO-420	1200,00		5.0000-421	24,00

for rectangular block weights

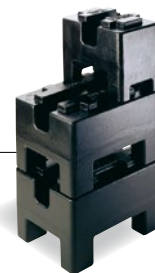
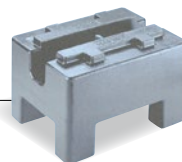


Nominal value	max. weight	Tol.	without box			DAkkS Calibration certificate	
			Art.no.	€		Art.no.	€
20 kg	120 kg	1000	5.LETO-250	950,00		5.0000-251	22,00
40 kg	250 kg	2000	5.LETO-410	1100,00		5.0000-411	24,00
50 kg	500 kg	2500	5.LETO-260	1150,00		5.0000-261	24,00
60 kg	500 kg	3000	5.LETO-420	1200,00		5.0000-421	24,00

Custom-made products according to customer specification.

Block weights

rectangular



SINGLE WEIGHT

Nominal value	Tol.	CAST IRON black painted		CAST IRON zinc sprayed		DAkks Calibration certificate	
		without box		without box			
	+/- g	Art.no.	€	Art.no.	€	Art.no.	€
100 kg	5	5.BGSO-270	777,00	5.BGZO-270	1057,00	5.0000-271	65,00
200 kg	10	5.BGSO-280	1206,00	5.BGZO-280	1666,00	5.0000-281	75,00
250 kg	12,5	5.BGSO-460	1452,00	5.BGZO-460	2102,00	5.0000-461	90,00
500 kg	25	5.BGSO-290	2209,00	5.BGZO-290	3119,00	5.0000-291	90,00
1000 kg	50	5.BGSO-310	3684,00	5.BGZO-310	5134,00	5.0000-311	120,00
2000 kg	100	5.BGSO-320	7092,00	5.BGZO-320	9382,00	5.0000-321	180,00

round with eyebolt



SINGLE WEIGHT

STAINLESS STEEL HF12 polished / glass pearl blasted

Nominal value	Tol.			DAkks Calibration certificate	
		without box			
	+/- g	Art.no.	€	Art.no.	€
100 kg	5	5.BETO-270	2850,00	5.0000-271	65,00
200 kg	10	5.BETO-280	4800,00	5.0000-281	75,00
250 kg	12,5	5.BETO-460	5400,00	5.0000-461	90,00
500 kg	25	5.BETO-290	8200,00	5.0000-291	90,00
1000 kg	50	5.BETO-310	11800,00	5.0000-311	120,00
2000 kg	100	5.BETO-320	18500,00	5.0000-321	180,00

Rolling weights



CAST IRON black painted

SINGLE WEIGHT

Nominal value	Tol.			DAkks Calibration certificate	
		without box			
	+/- g	Art.no.	€	Art.no.	€
100 kg	5	5.RGSO-270	772,00	5.0000-271	65,00
200 kg	10	5.RGSO-280	1198,00	5.0000-281	75,00
500 kg	25	5.RGSO-290	2143,00	5.0000-291	90,00

Carrier weights



SINGLE WEIGHT

BRASS
finely turned

STAINLESS STEEL
HF12 finely turned

STEEL
black finished

Nominal value	Tol.	without box		without box		without box		DAkkS Calibration certificate	
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g*	1,0	5.TMFO-110	38,00					5.0000-111	15,00
2 g*	1,2	5.TMFO-120	38,00					5.0000-121	15,00
5 g*	1,6	5.TMFO-130	38,00					5.0000-131	15,00
10 g	2,0	5.TMFO-140	28,00	5.TEFO-140	38,00			5.0000-141	15,00
20 g	2,5	5.TMFO-150	35,00	5.TEFO-150	45,00			5.0000-151	15,00
50 g	3,0	5.TMFO-160	42,00	5.TEFO-160	52,00			5.0000-161	15,00
100 g	5	5.TMFO-170	47,00	5.TEFO-170	62,00			5.0000-171	16,00
200 g	10	5.TMFO-180	68,00	5.TEFO-180	83,00			5.0000-181	16,00
500 g	25	5.TMFO-190	75,00	5.TEFO-190	90,00	5.TSBO-190	70,00	5.0000-191	16,00
1 kg	50	5.TMFO-210	110,00	5.TEFO-210	130,00	5.TSBO-210	98,00	5.0000-211	16,00
2 kg	100	5.TMFO-220	180,00	5.TEFO-220	200,00	5.TSBO-220	155,00	5.0000-221	17,00
5 kg	250	5.TMFO-230	295,00	5.TEFO-230	325,00	5.TSBO-230	270,00	5.0000-231	17,00
10 kg	500	5.TMFO-240	360,00	5.TEFO-240	395,00	5.TSBO-240	320,00	5.0000-241	17,00
20 kg	1000	5.TMFO-250	550,00	5.TEFO-250	600,00	5.TSBO-250	475,00	5.0000-251	22,00
50 kg	2500	5.TMFO-260	990,00			5.TSBO-260	820,00	5.0000-261	24,00

*DAkkS calibration: Case necessary for weights < 500 g.

Slotted weights



SINGLE WEIGHT

BRASS
finely turned

STAINLESS STEEL
HF12 finely turned

CAST IRON
black painted

Nominal value	Tol.	without box		without box		without box		DAkkS Calibration certificate	
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g	1,0	5.IMFO-110	13,00	5.IEFO-110	21,00			5.0000-111	15,00
2 g	1,2	5.IMFO-120	14,00	5.IEFO-120	22,00			5.0000-121	15,00
5 g	1,6	5.IMFO-130	15,00	5.IEFO-130	23,00			5.0000-131	15,00
10 g	2,0	5.IMFO-140	16,00	5.IEFO-140	24,00			5.0000-141	15,00
20 g	2,5	5.IMFO-150	16,50	5.IEFO-150	24,50			5.0000-151	15,00
50 g	3,0	5.IMFO-160	18,50	5.IEFO-160	26,50			5.0000-161	15,00
100 g	5	5.IMFO-170	20,00	5.IEFO-170	29,00			5.0000-171	16,00
200 g	10	5.IMFO-180	25,00	5.IEFO-180	34,00			5.0000-181	16,00
500 g	25	5.IMFO-190	42,00	5.IEFO-190	51,00	5.IGSO-190	57,00	5.0000-191	16,00
1 kg	50	5.IMFO-210	68,00	5.IEFO-210	78,00	5.IGSO-210	67,00	5.0000-211	16,00
2 kg	100	5.IMFO-220	100,00	5.IEFO-220	110,00	5.IGSO-220	75,20	5.0000-221	17,00
5 kg	250	5.IMFO-230	163,00	5.IEFO-230	175,00	5.IGSO-230	126,20	5.0000-231	17,00
10 kg	500	5.IMFO-240	205,00	5.IEFO-240	225,00	5.IGSO-240	172,00	5.0000-241	17,00
20 kg	1000	5.IMFO-250	330,00	5.IEFO-250	330,00	5.IGSO-250	250,50	5.0000-251	22,00
50 kg	2500					5.IGSO-260	516,00	5.0000-261	24,00

* DAkkS calibration: Case necessary for weights < 500 g.

M2

Weights of medium accuracy M2

Adjustment, testing and calibration weights for commercial balances (class III) and for quality assurance of scales with steps < 30 000 according to ISO 9001ff. Weights for calibration of weights of class M3.

Weights in the exclusive assortment case.

ACCESSORIES



All weight sets include gloves, two brushes and two tweezers.

Up to 50 g without big tweezers, big brush and gloves.



CLEAN ROOM
PLASTIC CASES



BEECH WOODEN
BOX



SERVICE
CASE

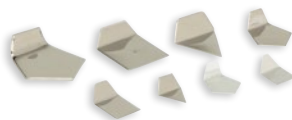


PLASTIC BOXES
WITH SCREWED TOP



LEATHER CASES

Milligramm weights



ALUMINIUM / NEUSILBER

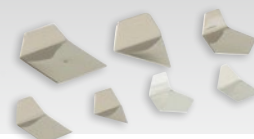
Flat polygonal sheets

SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	DAkkS Calibration certificate		
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€
100 mg	1,6	4.PNHO-070	3,00	4.PNHD-070	6,00	4.0000-071	15,00
200 mg	2,0	4.PNHO-080	3,00	4.PNHD-080	6,00	4.0000-081	15,00
500 mg	2,5	4.PNHO-090	3,00	4.PNHD-090	6,00	4.0000-091	15,00

SETS

Nominal value	Qty.	Content	 Clean room plastic cases	 Beech wood box	DAkkS Calibration certificate			
			Art.no.	€	Art.no.	€	Art.no.	€
100 mg – 500 mg	12	1,11 g	4.XMFP-710	83,00	4.XMFB-710	71,00	4.0000-711	66,00



Knob weights


BRASS finely turned

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases	 Beech wood box	 Service case	 DAKKS Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	4.0000-Art.no.	€
1 g	3	4.KMFO-110	3,20	4.KMFD-110	6,20	4.KMFP-110	7,20	4.KMFB-110	15,20		...111 15,00
2 g	4	4.KMFO-120	3,50	4.KMFD-120	6,50	4.KMFP-120	7,50	4.KMFB-120	15,50		...121 15,00
5 g	5	4.KMFO-130	3,90	4.KMFD-130	6,90	4.KMFP-130	7,90	4.KMFB-130	15,90		...131 15,00
10 g	6	4.KMFO-140	4,20	4.KMFD-140	7,20	4.KMFP-140	8,20	4.KMFB-140	18,20		...141 15,00
20 g	8	4.KMFO-150	4,60	4.KMFD-150	7,60	4.KMFP-150	8,60	4.KMFB-150	18,60		...151 15,00
50 g	10	4.KMFO-160	5,00	4.KMFD-160	9,50	4.KMFP-160	9,00	4.KMFB-160	20,00		...161 15,00
100 g	16	4.KMFO-170	6,00	4.KMFD-170	10,50			4.KMFB-170	21,00		...171 16,00
200 g	30	4.KMFO-180	9,50	4.KMFD-180	14,50			4.KMFB-180	25,50		...181 16,00
500 g	80	4.KMFO-190	21,50	4.KMFD-190	27,30			4.KMFB-190	39,50		...191 16,00
1 kg	160	4.KMFO-210	38,00	4.KMFD-210	45,50			4.KMFB-210	61,00		...211 16,00
2 kg	300	4.KMFO-220	64,00	4.KMFD-220	76,00			4.KMFB-220	90,00		...221 17,00
5 kg	800	4.KMFO-230	139,00	4.KMFD-230	157,00			4.KMFB-230	185,00		...231 17,00
10 kg	1600	4.KMFO-240	275,00	4.KMFD-240	309,00			4.KMFB-240	334,00	4.KMFS-240	480,00 ...241 17,00
20 kg	3000	4.KMFO-250	545,00					4.KMFB-250	720,00	4.KMFS-250	755,00 ...251 22,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAkks Calibration certificate			
			Art.no.	€	Art.no.	€	Art.no.	€	
1 g – 50 g	8	110 g	4.XAFP-560	95,00	4.XAFB-560	83,00	4.XAFS-560	340,00	4.0000-561 46,00
1 g – 100 g	9	210 g	4.XAFP-570	101,00	4.XAFB-570	93,00	4.XAFS-570	346,00	4.0000-571 51,00
1 g – 200 g	11	610 g	4.XAFP-580	120,00	4.XAFB-580	114,00	4.XAFS-580	365,00	4.0000-581 62,00
1 g – 500 g	12	1.110 g	4.XAFP-590	142,00	4.XAFB-590	139,00	4.XAFS-590	387,00	4.0000-591 68,00
1 g – 1 kg	13	2.110 g	4.XAFP-610	245,00	4.XAFB-610	216,00	4.XAFS-610	450,00	4.0000-611 73,00
1 g – 2 kg	15	6.110 g	4.XAFP-620	347,00	4.XAFB-620	360,00	4.XAFS-620	582,00	4.0000-621 85,00
1 g – 5 kg	16	11.110 g	4.XAFP-630	486,00	4.XAFB-630	553,00	4.XAFS-630	761,00	4.0000-631 91,00
1 g – 10 kg	17	21.110 g	4.XAFP-640	781,00	4.XAFB-640	887,00	4.XAFS-640	1406,00	4.0000-641 99,00

SETS with mg- weights (flat polygonal sheets)

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAkks Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€		
100 mg – 50 g	20	110,9 g	4.XMFP-760	115,00	4.XMFB-760	103,00	4.XMFS-760	360,00	4.0000-761	112,00
100 mg – 100 g	21	210,9 g	4.XMFP-770	121,00	4.XMFB-770	113,00	4.XMFS-770	366,00	4.0000-771	117,00
100 mg – 200 g	23	610,9 g	4.XMFP-780	140,00	4.XMFB-780	134,00	4.XMFS-780	385,00	4.0000-781	128,00
100 mg – 500 g	24	1.110,9 g	4.XMFP-790	162,00	4.XMFB-790	159,00	4.XMFS-790	407,00	4.0000-791	134,00
100 mg – 1 kg	25	2.110,9 g	4.XMFP-810	265,00	4.XMFB-810	236,00	4.XMFS-810	470,00	4.0000-811	139,00
100 mg – 2 kg	27	6.110,9 g	4.XMFP-820	393,00	4.XMFB-820	406,00	4.XMFS-820	628,00	4.0000-821	151,00
100 mg – 5 kg	28	11.110,9 g	4.XMFP-830	532,00	4.XMFB-830	599,00	4.XMFS-830	807,00	4.0000-831	157,00
100 mg – 10 kg	29	21.110,9 g	4.XMFP-840	827,00	4.XMFB-840	933,00	4.XMFS-840	1452,00	4.0000-841	165,00

Hook weight


BRASS finely turned

SINGLE WEIGHT

Nominal value		Tol.	without box	 Plastic boxes with screwed top	 Clean room plastic cases	 Beech wood box	 Service case	DAkks Calibration certificate			
+/- mg		Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	4.0000- Art.no.	€
1 g	3	4.HMFO-110	11,30	4.HMFD-110	14,30	4.HMFP-110	15,30	4.HMFB-110	23,30	...	111 15,00
2 g	4	4.HMFO-120	12,00	4.HMFD-120	15,00	4.HMFP-120	16,00	4.HMFB-120	24,00	...	121 15,00
5 g	5	4.HMFO-130	12,50	4.HMFD-130	15,50	4.HMFP-130	16,50	4.HMFB-130	24,50	...	131 15,00
10 g	6	4.HMFO-140	12,80	4.HMFD-140	15,80	4.HMFP-140	16,80	4.HMFB-140	26,80	...	141 15,00
20 g	8	4.HMFO-150	13,00	4.HMFD-150	16,00	4.HMFP-150	17,00	4.HMFB-150	27,00	...	151 15,00
50 g	10	4.HMFO-160	14,50	4.HMFD-160	19,00	4.HMFP-160	18,50	4.HMFB-160	29,50	...	161 15,00
100 g	16	4.HMFO-170	16,50	4.HMFD-170	21,00		4.HMFB-170	31,50		...	171 16,00
200 g	30	4.HMFO-180	20,50	4.HMFD-180	25,50		4.HMFB-180	36,50		...	181 16,00
500 g	80	4.HMFO-190	28,50	4.HMFD-190	34,30		4.HMFB-190	46,50		...	191 16,00
1 kg	160	4.HMFO-210	41,00	4.HMFD-210	48,50		4.HMFB-210	64,00		...	211 16,00
2 kg	300	4.HMFO-220	72,00	4.HMFD-220	84,00		4.HMFB-220	98,00		...	221 17,00
5 kg	800	4.HMFO-230	160,00	4.HMFD-230	178,00		4.HMFB-230	206,00	4.HMFS-230	365,00	...231 17,00
10 kg	1600	4.HMFO-240	295,00	4.HMFD-240	329,00		4.HMFB-240	354,00	4.HMFS-240	505,00	...241 17,00
20 kg	3000	4.HMFO-250	570,00				4.HMFB-250	745,00	4.HMFS-250	845,00	...251 22,00
50 kg	8000	4.HMFO-260	1245,00				4.HMFB-260	1580,00	4.HMFS-260	1595,00	...261 24,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAkks Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€		
1 g – 50 g	8	110 g	4.XHFP-560	164,00	4.XHFB-560	152,00	4.XHFS-560	409,00	4.0000-561	46,00
1 g – 100 g	9	210 g	4.XHFP-570	180,00	4.XHFB-570	172,00	4.XHFS-570	425,00	4.0000-571	51,00
1 g – 200 g	11	610 g	4.XHFP-580	221,00	4.XHFB-580	215,00	4.XHFS-580	466,00	4.0000-581	62,00
1 g – 500 g	12	1.110 g	4.XHFP-590	250,00	4.XHFB-590	247,00	4.XHFS-590	495,00	4.0000-591	68,00
1 g – 1 kg	13	2.110 g	4.XHFP-610	356,00	4.XHFB-610	327,00	4.XHFS-610	561,00	4.0000-611	73,00
1 g – 2 kg	15	6.110 g	4.XHFP-620	469,00	4.XHFB-620	482,00	4.XHFS-620	704,00	4.0000-621	85,00
1 g – 5 kg	16	11.110 g	4.XHFP-630	629,00	4.XHFB-630	696,00	4.XHFS-630	904,00	4.0000-631	91,00
1 g – 10 kg	17	21.110 g	4.XHFP-640	944,00	4.XHFB-640	887,00	4.XHFS-640	1406,00	4.0000-641	99,00



Block weights


CAST IRON black painted

rectangular

SINGLE WEIGHT

Nominal value	Tol.	without box		 Leather cases		DAkkS Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€
5 kg	800	4.BGSO-230	55,00	4.BGSL-230	94,00	4.0000-231	17,00
10 kg	1600	4.BGSO-240	75,00	4.BGSL-240	117,00	4.0000-241	17,00
20 kg	3000	4.BGSO-250	103,00	4.BGSL-250	148,00	4.0000-251	22,00
25 kg	4000	4.BGSO-450	216,00			4.0000-451	24,00
50 kg	8000	4.BGSO-260	337,00			4.0000-261	24,00



SINGLE WEIGHT

Nominal value	Tol.	without box		DAkkS Calibration certificate	
		Art.no.	€	Art.no.	€
100 kg	16	4.BGSO-270	767,00	4.0000-271	65,00
200 kg	30	4.BGSO-280	1176,00	4.0000-281	75,00
250 kg	40	4.BGSO-460	1462,00	4.0000-461	90,00
500 kg	80	4.BGSO-290	2179,00	4.0000-291	90,00
1000 kg	160	4.BGSO-310	3614,00	4.0000-311	120,00
2000 kg	300	4.BGSO-320	7052,00	4.0000-321	180,00



Rolling weights


CAST IRON black painted

SINGLE WEIGHT

Nominal value	Tol.	without box		DAkkS Calibration certificate	
		Art.no.	€	Art.no.	€
100 kg	16	4.RGSO-270	762,00	4.0000-271	65,00
200 kg	30	4.RGSO-280	1198,00	4.0000-281	75,00
500 kg	80	4.RGSO-290	2173,00	4.0000-291	90,00

Carrier weights



SINGLE WEIGHT

BRASS
finely turned

STEEL
black finished

DAkks
Calibration certificate

Nominal value	Tol. +/- mg	without box		without box		DAkks Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€
10 g	6	4.TMFO-140	27,00			4.0000-141	15,00
20 g	8	4.TMFO-150	34,00			4.0000-151	15,00
50 g	10	4.TMFO-160	41,00			4.0000-161	15,00
100 g	16	4.TMFO-170	46,00			4.0000-171	16,00
200 g	30	4.TMFO-180	67,00			4.0000-181	16,00
500 g	80	4.TMFO-190	73,00	4.TSBO-190	69,00	4.0000-191	16,00
1 kg	160	4.TMFO-210	107,00	4.TSBO-210	96,00	4.0000-211	16,00
2 kg	300	4.TMFO-220	177,00	4.TSBO-220	153,00	4.0000-221	17,00
5 kg	800	4.TMFO-230	292,00	4.TSBO-230	265,00	4.0000-231	17,00
10 kg	1600	4.TMFO-240	357,00	4.TSBO-240	315,00	4.0000-241	17,00
20 kg	3000	4.TMFO-250	545,00	4.TSBO-250	470,00	4.0000-251	22,00
50 kg	8000	4.TMFO-260	980,00	4.TSBO-260	810,00	4.0000-261	24,00

Slotted weights



SINGLE WEIGHT

BRASS
finely turned

CAST IRON
black painted

DAkks
Calibration certificate

Nominal value	Tol. +/- mg	without box		without box		DAkks Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€
1 g	3	4.IMFO-110	12,00			4.0000-111	15,00
2 g	4	4.IMFO-120	13,00			4.0000-121	15,00
5 g	5	4.IMFO-130	14,00			4.0000-131	15,00
10 g	6	4.IMFO-140	15,00			4.0000-141	15,00
20 g	8	4.IMFO-150	15,50			4.0000-151	15,00
50 g	10	4.IMFO-160	17,50			4.0000-161	15,00
100 g	16	4.IMFO-170	19,00			4.0000-171	16,00
200 g	30	4.IMFO-180	24,00			4.0000-181	16,00
500 g	80	4.IMFO-190	41,00	4.IGSO-190	56,50	4.0000-191	16,00
1 kg	160	4.IMFO-210	66,00	4.IGSO-210	66,60	4.0000-211	16,00
2 kg	300	4.IMFO-220	97,00	4.IGSO-220	83,70	4.0000-221	17,00
5 kg	800	4.IMFO-230	160,00	4.IGSO-230	133,20	4.0000-231	17,00
10 kg	1600	4.IMFO-240	202,00	4.IGSO-240	167,00	4.0000-241	17,00
20 kg	3000	4.IMFO-250	297,00	4.IGSO-250	245,50	4.0000-251	22,00
50 kg	8000	4.IMFO-260		4.IGSO-260	469,00	4.0000-261	24,00

DAkks calibration: Case necessary for weights < 500 g.

M3

Commercial weights - class M3

Adjustment, testing and calibration weights for ordinary scales (class IV) and for quality assurance of scales with steps < 1 000 according to ISO 9001ff. Weights for the usage combined with commercial balances (class III) and ordinary scales (class IV). Learning aids for schools and apprenticeship. Load tests for lifting, crane and vehicle systems.

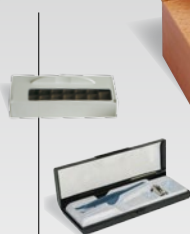
Weights in the exclusive assortment case.

ACCESSORIES



All weight sets include gloves, two brushes and two tweezers.

Up to 50 g without big tweezers, big brush and gloves.



CLEAR ROOM
PLASTIC CASES



BEECH WOOD
BOX



SERVICE
CASE



PLASTIC BOXES
WITH SCREWED TOP



LEATHER CASES

Knob weights


BRASS finely turned

SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clear room plastic cases	 Beech wood box	 Service case	Dakks Calibration certificate			
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	3.0000-Art.no.	€
1 g	10	3.CMFO-110	2,50	3.CMFD-110	5,50	3.CMFP-110	6,50	3.CMFB-110	14,50	...	111 15,00
2 g	12	3.CMFO-120	2,80	3.CMFD-120	5,80	3.CMFP-120	6,80	3.CMFB-120	14,80	...	121 15,00
5 g	16	3.CMFO-130	3,20	3.CMFD-130	6,20	3.CMFP-130	7,20	3.CMFB-130	15,20	...	131 15,00
10 g	20	3.CMFO-140	3,60	3.CMFD-140	6,60	3.CMFP-140	7,60	3.CMFB-140	17,60	...	141 15,00
20 g	25	3.CMFO-150	4,00	3.CMFD-150	7,00	3.CMFP-150	8,00	3.CMFB-150	18,00	...	151 15,00
50 g	30	3.CMFO-160	4,70	3.CMFD-160	9,20	3.CMFP-160	8,70	3.CMFB-160	19,70	...	161 15,00
100 g	50	3.CMFO-170	5,90	3.CMFD-170	10,40			3.CMFB-170	20,90	...	171 16,00
200 g	100	3.CMFO-180	8,60	3.CMFD-180	13,60			3.CMFB-180	24,60	...	181 16,00
500 g	250	3.CMFO-190	17,50	3.CMFD-190	23,30			3.CMFB-190	35,50	...	191 16,00
1 kg	500	3.CMFO-210	28,00	3.CMFD-210	35,50			3.CMFB-210	51,00	...	211 16,00
2 kg	1000	3.CMFO-220	53,00	3.CMFD-220	65,00			3.CMFB-220	79,00	...	221 17,00
5 kg	2500	3.CMFO-230	136,00	3.CMFD-230	154,00			3.CMFB-230	182,00	3.CMFS-230	341,00 ...231 17,00
10 kg	5000	3.CMFO-240	270,00	3.CMFD-240	304,00			3.CMFB-240	329,00	3.CMFS-240	480,00 ...241 17,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAkkS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g – 50 g	8	110 g	3.XCFP-560	90,00	3.XCFB-560	78,00	3.XCFS-560	335,00	3.0000-561	46,00
1 g – 100 g	9	210 g	3.XCFP-570	96,00	3.XCFB-570	88,00	3.XCFS-570	341,00	3.0000-571	51,00
1 g – 200 g	11	610 g	3.XCFP-580	113,00	3.XCFB-580	107,00	3.XCFS-580	358,00	3.0000-581	62,00
1 g – 500 g	12	1.110 g	3.XCFP-590	131,00	3.XCFB-590	128,00	3.XCFS-590	376,00	3.0000-591	68,00
1 g – 1 kg	13	2.110 g	3.XCFP-610	224,00	3.XCFB-610	195,00	3.XCFS-610	429,00	3.0000-611	73,00
1 g – 2 kg	15	6.110 g	3.XCFP-620	305,00	3.XCFB-620	318,00	3.XCFS-620	540,00	3.0000-621	85,00
1 g – 5 kg	16	11.110 g	3.XCFP-630	441,00	3.XCFB-630	508,00	3.XCFS-630	716,00	3.0000-631	91,00
1 g – 10 kg	17	21.110 g	3.XCFP-640	731,00	3.XCFB-640	837,00	3.XCFS-640	1356,00	3.0000-641	99,00



Knob weights

OIML R111

**BRASS** finely turned

SINGLE WEIGHT

Nominal value	Tol.	without box		 Plastic boxes with screwed top	 Clear room plastic cases	 Beech wood box	 Service case	Dakks Calibration certificate			
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	3.0000-Art.no.	€
1 g	10	3.KMFO-110	2,50	3.KMFD-110	5,50	3.KMFP-110	6,50	3.KMFB-110	14,50		...111 15,00
2 g	12	3.KMFO-120	2,80	3.KMFD-120	5,80	3.KMFP-120	6,80	3.KMFB-120	14,80		...121 15,00
5 g	16	3.KMFO-130	3,20	3.KMFD-130	6,20	3.KMFP-130	7,20	3.KMFB-130	15,20		...131 15,00
10 g	20	3.KMFO-140	3,60	3.KMFD-140	6,60	3.KMFP-140	7,60	3.KMFB-140	17,60		...141 15,00
20 g	25	3.KMFO-150	4,00	3.KMFD-150	7,00	3.KMFP-150	8,00	3.KMFB-150	18,00		...151 15,00
50 g	30	3.KMFO-160	4,70	3.KMFD-160	9,20	3.KMFP-160	8,70	3.KMFB-160	19,70		...161 15,00
100 g	50	3.KMFO-170	5,90	3.KMFD-170	10,40			3.KMFB-170	20,90		...171 16,00
200 g	100	3.KMFO-180	8,60	3.KMFD-180	13,60			3.KMFB-180	24,60		...181 16,00
500 g	250	3.KMFO-190	17,50	3.KMFD-190	23,30			3.KMFB-190	35,50		...191 16,00
1 kg	500	3.KMFO-210	28,00	3.KMFD-210	35,50			3.KMFB-210	51,00		...211 16,00
2 kg	1000	3.KMFO-220	53,00	3.KMFD-220	65,00			3.KMFB-220	79,00		...221 17,00
5 kg	2500	3.KMFO-230	136,00	3.KMFD-230	154,00			3.KMFB-230	182,00	3.KMFS-230	341,00 ...231 17,00
10 kg	5000	3.KMFO-240	270,00	3.KMFD-240	304,00			3.KMFB-240	329,00	3.KMFS-240	480,00 ...241 17,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAKKS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g – 50 g	8	110 g	3.XAFP-560	90,00	3.XAFB-560	78,00	3.XAFS-560	335,00	3.0000-561	46,00
1 g – 100 g	9	210 g	3.XAFP-570	96,00	3.XAFB-570	88,00	3.XAFS-570	341,00	3.0000-571	51,00
1 g – 200 g	11	610 g	3.XAFP-580	113,00	3.XAFB-580	107,00	3.XAFS-580	358,00	3.0000-581	62,00
1 g – 500 g	12	1.110 g	3.XAFP-590	131,00	3.XAFB-590	128,00	3.XAFS-590	376,00	3.0000-591	68,00
1 g – 1 kg	13	2.110 g	3.XAFP-610	224,00	3.XAFB-610	195,00	3.XAFS-610	429,00	3.0000-611	73,00
1 g – 2 kg	15	6.110 g	3.XAFP-620	305,00	3.XAFB-620	318,00	3.XAFS-620	540,00	3.0000-621	85,00
1 g – 5 kg	16	11.110 g	3.XAFP-630	441,00	3.XAFB-630	508,00	3.XAFS-630	716,00	3.0000-631	91,00
1 g – 10 kg	17	21.110 g	3.XAFP-640	731,00	3.XAFB-640	837,00	3.XAFS-640	1356,00	3.0000-641	99,00



Hook weight


BRASS finely turned

SINGLE WEIGHT

Nominal value	Tol.	without box	 Plastic boxes with screwed top	 Clear room plastic cases	 Beech wood box	 Service case	DAkkS Calibration certificate				
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€	3.0000-Art.no.	€
1 g	10	3.HMFO-110	11,00	3.HMFD-110	14,00	3.HMFP-110	15,00	3.HMFB-110	23,00		...111 15,00
2 g	12	3.HMFO-120	11,80	3.HMFD-120	14,80	3.HMFP-120	15,80	3.HMFB-120	23,80		...121 15,00
5 g	16	3.HMFO-130	12,20	3.HMFD-130	15,20	3.HMFP-130	16,20	3.HMFB-130	24,20		...131 15,00
10 g	20	3.HMFO-140	12,50	3.HMFD-140	15,50	3.HMFP-140	16,50	3.HMFB-140	26,50		...141 15,00
20 g	25	3.HMFO-150	12,70	3.HMFD-150	15,70	3.HMFP-150	16,70	3.HMFB-150	26,70		...151 15,00
50 g	30	3.HMFO-160	14,00	3.HMFD-160	18,50	3.HMFP-160	18,00	3.HMFB-160	29,00		...161 15,00
100 g	50	3.HMFO-170	16,00	3.HMFD-170	20,50			3.HMFB-170	31,00		...171 16,00
200 g	100	3.HMFO-180	19,80	3.HMFD-180	24,80			3.HMFB-180	35,80		...181 16,00
500 g	250	3.HMFO-190	27,50	3.HMFD-190	33,30			3.HMFB-190	45,50		...191 16,00
1 kg	500	3.HMFO-210	39,50	3.HMFD-210	47,00			3.HMFB-210	62,50		...211 16,00
2 kg	1000	3.HMFO-220	70,00	3.HMFD-220	82,00			3.HMFB-220	96,00		...221 17,00
5 kg	2500	3.HMFO-230	158,00	3.HMFD-230	176,00			3.HMFB-230	204,00	3.HMFS-230	363,00 ...231 17,00
10 kg	5000	3.HMFO-240	295,00	3.HMFD-240	329,00			3.HMFB-240	354,00	3.HMFS-240	505,00 ...241 17,00
20 kg	10000	3.HMFO-250	570,00					3.HMFB-250	745,00	3.HMFS-250	845,00 ...251 22,00
50 kg	25000	3.HMFO-260	1240,00					3.HMFB-260	1575,00	3.HMFS-260	1590,00 ...261 24,00

SETS

Nominal value	Qty.	Content	 Clean room plastic box	 Beech wood box	 Service case	DAkkS Calibration certificate				
			Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
1 g – 50 g	8	110 g	3.XHFP-560	90,00	3.XHFB-560	149,00	3.XHFS-560	406,00	3.0000-561	46,00
1 g – 100 g	9	210 g	3.XHFP-570	96,00	3.XHFB-570	169,00	3.XHFS-570	422,00	3.0000-571	51,00
1 g – 200 g	11	610 g	3.XHFP-580	113,00	3.XHFB-580	211,00	3.XHFS-580	462,00	3.0000-581	62,00
1 g – 500 g	12	1.110 g	3.XHFP-590	131,00	3.XHFB-590	242,00	3.XHFS-590	490,00	3.0000-591	68,00
1 g – 1 kg	13	2.110 g	3.XHFP-610	224,00	3.XHFB-610	320,00	3.XHFS-610	554,00	3.0000-611	73,00
1 g – 2 kg	15	6.110 g	3.XHFP-620	305,00	3.XHFB-620	451,00	3.XHFS-620	694,00	3.0000-621	85,00
1 g – 5 kg	16	11.110 g	3.XHFP-630	441,00	3.XHFB-630	666,00	3.XHFS-630	892,00	3.0000-631	91,00
1 g – 10 kg	17	21.110 g	3.XHFP-640	731,00	3.XHFB-640	1025,00	3.XHFS-640	1557,00	3.0000-641	99,00



Cast Iron Weights



CAST IRON black painted

DIN 1924

Knob weights
– with hook

Nominal value	Tol.	without box		without box		DAkkS Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€
100 g	50	3.CGSO-170	6,20			3.0000-171	16,00
200 g	100	3.CGSO-180	8,00			3.0000-181	16,00
500 g	250	3.CGSO-190	11,70	3.VGSO-190	30,00	3.0000-191	16,00
1 kg	500	3.CGSO-210	15,00	3.VGSO-210	36,00	3.0000-211	16,00
2 kg	1000	3.CGSO-220	21,30	3.VGSO-220	50,00	3.0000-221	17,00
5 kg	2500	3.CGSO-230	57,30	3.VGSO-230	78,00	3.0000-231	17,00
10 kg	5000	3.CGSO-240	89,50			3.0000-241	17,00
20 kg	10000	3.CGSO-250	176,00			3.0000-251	22,00
50 kg	25000	3.CGSO-260	458,00			3.0000-261	24,00

Block weights



CAST IRON black painted

rectangular

SINGLE WEIGHT

Nominal value	Tol.	without box		Leather cases		Service case		DAkkS Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€	Art.no.	€
5 kg	2500	3.BGSO-230	53,00	3.BGSL-230	92,00	3.BGSS-230	258,00	3.0000-231	17,00
10 kg	5000	3.BGSO-240	73,00	3.BGSL-240	115,00	3.BGSS-240	283,00	3.0000-241	17,00
20 kg	10000	3.BGSO-250	100,00	3.BGSL-250	145,00	3.BGSS-250	375,00	3.0000-251	22,00
25 kg	12500	3.BGSO-450	214,00			3.BGSS-450	529,00	3.0000-451	24,00
50 kg	25000	3.BGSO-260	332,00			3.BGSS-260	682,00	3.0000-261	24,00

Block weights



Rolling weights

CAST IRON black painted

Nominal value	Tol.	without box		without box		DAkkS Calibration certificate	
		Art.no.	€	Art.no.	€	Art.no.	€
100 kg	50	3.BGSO-270	757,00	3.RGSO-270	752,00	3.0000-271	65,00
200 kg	100	3.BGSO-280	1146,00	3.RGSO-280	1188,00	3.0000-281	75,00
250 kg	125	3.BGSO-460	1382,00			3.0000-461	90,00
500 kg	250	3.BGSO-290	2149,00	3.RGSO-290	2133,00	3.0000-291	90,00
1000 kg	500	3.BGSO-310	3564,00			3.0000-311	120,00
2000 kg	1000	3.BGSO-320	7012,00			3.0000-321	180,00

Carrier weights



SINGLE WEIGHT

BRASS
finely turned

STEEL
black finished

DAkks

Calibration certificate

Nominal value	Tol.	without box		without box		DAkks Calibration certificate	
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€
10 g	20	3.TMFO-140	27,00			3.0000-141	15,00
20 g	25	3.TMFO-150	34,00			3.0000-151	15,00
50 g	30	3.TMFO-160	41,00			3.0000-161	15,00
100 g	50	3.TMFO-170	46,00			3.0000-171	16,00
200 g	100	3.TMFO-180	67,00			3.0000-181	16,00
500 g	250	3.TMFO-190	73,00	3.TSBO-190	69,00	3.0000-191	16,00
1 kg	500	3.TMFO-210	107,00	3.TSBO-210	96,00	3.0000-211	16,00
2 kg	1000	3.TMFO-220	177,00	3.TSBO-220	153,00	3.0000-221	17,00
5 kg	2500	3.TMFO-230	292,00	3.TSBO-230	265,00	3.0000-231	17,00
10 kg	5000	3.TMFO-240	357,00	3.TSBO-240	315,00	3.0000-241	17,00
20 kg	10000	3.TMFO-250	545,00	3.TSBO-250	470,00	3.0000-251	22,00
50 kg	25000	3.TMFO-260	980,00	3.TSBO-260	810,00	3.0000-261	24,00

Slotted weights



SINGLE WEIGHT

BRASS
finely turned

CAST IRON
black painted

DAkks

Calibration certificate

Nominal value	Tol.	without box		without box		DAkks Calibration certificate	
	+/- mg	Art.no.	€	Art.no.	€	Art.no.	€
1 g	10	3.IMFO-110	12,00			3.0000-111	15,00
2 g	12	3.IMFO-120	13,00			3.0000-121	15,00
5 g	16	3.IMFO-130	14,00			3.0000-131	15,00
10 g	20	3.IMFO-140	15,00			3.0000-141	15,00
20 g	25	3.IMFO-150	15,50			3.0000-151	15,00
50 g	30	3.IMFO-160	17,50			3.0000-161	15,00
100 g	50	3.IMFO-170	19,00			3.0000-171	16,00
200 g	100	3.IMFO-180	24,00			3.0000-181	16,00
500 g	250	3.IMFO-190	41,00	3.IEGO-190	56,50	3.0000-191	16,00
1 kg	500	3.IMFO-210	66,00	3.IEGO-210	66,60	3.0000-211	16,00
2 kg	1000	3.IMFO-220	97,00	3.IEGO-220	83,70	3.0000-221	17,00
5 kg	2500	3.IMFO-230	160,00	3.IEGO-230	133,20	3.0000-231	17,00
10 kg	5000	3.IMFO-240	202,00	3.IEGO-240	167,00	3.0000-241	17,00
20 kg	10000	3.IMFO-250	297,00	3.IEGO-250	245,50	3.0000-251	22,00
50 kg	25000	3.IMFO-260		3.IEGO-260	469,00	3.0000-261	24,00

DAkks calibration: Case necessary for weights < 500 g.



Accessories for weights

Accessories that ease your work. The accessories by HÄFNER include everything you need for storage, handling, quality assurance and management of your test weights, e.g. bell jars with base, tweezers, brushes, gloves, weight forks and weight handles, storage boxes for single weights, service cases, measurement devices.

Safe storage of your weights



Bell jars

with base

Size	Diameter x Height	Using for sets	Using for single weights	Art.no.	€
1	105 x 18 mm	1 mg - 5 g		1.1YYY - 010	205,00
2	75 x 55 mm	up to 100 g	max. 200 g	1.1YYY - 020	215,00
3	125 x 90 mm	10 g - 200 g	max. 1 kg	1.1YYY - 030	270,00
4	150 x 150 mm	1 mg - 200 g	max. 2 kg	1.1YYY - 040	320,00
5	150 x 200 mm	100 g - 1 kg	max. 5 kg	1.1YYY - 050	360,00
6	200 x 200 mm	up to 2 kg	2 kg + 5 kg	1.1YYY - 060	460,00
7	180 x 250 mm		10 kg	1.1YYY - 070	510,00
8	200 x 300 mm		20 kg	1.1YYY - 080	620,00
9	300 x 400 mm		50 kg	1.1YYY - 090	895,00



Plastic boxes with screwed top

Plastic



Size	suitable	Art.no.	€
without inserts			
1	mg	1.6YYD-100	1,00
2	mg	1.6YYD-300	1,00
on top and bottom with foam inserts			
1	mg	1.6YYD-200	3,00
2	mg	1.6YYD-400	3,00

Size	suitable	Art.no.	€
inside around with foam upholstert			
2	1 g - 20 g	1.6YYD-150	3,00
3	50 g	1.6YYD-160	4,50
3	100 g	1.6YYD-170	4,50
4	200 g	1.6YYD-180	5,00
5	500 g	1.6YYD-190	5,80
6	1 kg	1.6YYD-210	7,50
7	2 kg	1.6YYD-220	12,00
8	5 kg	1.6YYD-230	18,00
9	10 kg	1.6YYD-240	34,00

Clean room plastic cases



SINGLE WEIGHT

Size	suitable	Art.no.	€
with flaked recesses, including carbon tweezers 105 mm			
1	1 mg-5 g, 3 x mg, 1 x 1 g, 2 x 2 g, 1 x 5 g	1.6YYP-010	4,00
2	10 g-50 g, 1 x 10 g, 1 x 20 g, 1 x 50 g	1.6YYP-020	4,00

SETS for sets 1mg-500mg resp. 1mg-5g

Size	suitable	Configuration	Art.no.	€
without coating				
1	1 mg-500 mg	mg	1.6YYP-710	20,00
2	1 mg-5 g	mit Einsatz 1g-5g	1.6YYP-720	29,00
mg with antistatic stainless steel coating				
3	1 mg-500 mg	mg	1.6YYP-730	25,00
4	1 mg-5 g		1.6YYP-740	34,00

Clean room plastic box

Foam inserts with recesses

SETS up to 500 g resp. 5 kg

Size	suitable	Art.no.	€
hinged lid for keeping certificates			
1	1 g-max. 500 g		1.6YYS-810 50,00
1	1 mg-max. 500 g	mg- Insert	1.6YYS-820 75,00
2	1 g-max. 5 kg		1.6YYS-830 115,00
2	1 mg-5 kg	mg- Insert	1.6YYS-840 140,00



Mahogany wooden box

Class E0 / E1 / E2 / F1

SINGLE WEIGHT

Nominal value	Art.no.	€
1 mg - 500 mg	9.KEOM-090	26,50
1 g	9.KEOM-110	26,50
2 g	9.KEOM-120	26,50
5 g	9.KEOM-130	26,50
10 g	9.KEOM-140	26,50
20 g	9.KEOM-150	26,50
50 g	9.KEOM-160	27,00
100 g	9.KEOM-170	27,00
200 g	9.KEOM-180	27,00
500 g	9.KEOM-190	29,50
1 kg	9.KEOM-210	34,00
2 kg	9.KEOM-220	43,00
5 kg	9.KEOM-230	64,00
10 kg	9.KEOM-240	86,00
2 x 10 kg	9.KEOM-700	240,00
20 kg	9.KEOM-250	310,00
50 kg	9.KEOM-260	335,00



SETS

Nominal value	Art.no.	€
1g-50 g	9.XTOM-560	83,00
1g-100 g	9.XTOM-570	83,00
1g-200 g	9.XTOM-580	83,00
1g-500 g	9.XTOM-590	133,00
1g-1 kg	9.XTOM-610	141,00
1g-2 kg	9.XTOM-620	189,00
1g-5 kg	9.XTOM-630	285,00
1g-10 kg	9.XTOM-640	360,00
1mg-5 g	9.XEOM-730	95,00
1mg-50 g	9.XEOM-760	105,00
1mg-100 g	9.XEOM-770	108,00
1mg-200 g	9.XEOM-780	110,00
1mg-500 g	9.XEOM-790	136,00
1mg-1 kg	9.XEOM-810	144,00
1mg-2 kg	9.XEOM-820	192,00
1mg-5 kg	9.XEOM-830	288,00
1mg-10 kg	9.XEOM-840	363,00



Beech wood box

Class F2 / M1 / M2 / M3

Knob weights

SINGLE WEIGHT

Nominal value	Art.no.	€
1 g	6.KEOB-110	12,00
2 g	6.KEOB-120	12,00
5 g	6.KEOB-130	12,00
10 g	6.KEOB-140	14,00
20 g	6.KEOB-150	14,00
50 g	6.KEOB-160	15,00
100 g	6.KEOB-170	15,00
200 g	6.KEOB-180	16,00
500 g	6.KEOB-190	18,00
1 kg	6.KEOB-210	23,00
2 kg	6.KEOB-220	26,00
5 kg	6.KEOB-230	46,00
10 kg	6.KEOB-240	59,00
2 x 10 kg	6.KEOB-700	118,00
20 kg	6.KEOB-250	175,00
50 kg	6.KEOB-260	335,00



SETS

Nominal value	Art.no.	€
1g-50 g	5.XAOB-560	38,00
1g-100 g	5.XAOB-570	42,00
1g-200 g	5.XAOB-580	44,00
1g-500 g	5.XAOB-590	47,00
1g-1 kg	5.XAOB-610	86,00
1g-2 kg	5.XAOB-620	128,00
1g-5 kg	5.XAOB-630	182,00
1g-10 kg	5.XAOB-640	241,00
1 mg-50 g	5.XMOB-760	46,00
1 mg-100 g	5.XMOB-770	50,00
1 mg-200 g	5.XMOB-780	52,00
1 mg-500 g	5.XMOB-790	55,00
1 mg-1 kg	5.XMOB-810	94,00
1 mg-2 kg	5.XMOB-820	115,00
1 mg-5 kg	5.XMOB-830	172,00
1 mg-10 kg	5.XMOB-840	236,00



Service case

Aluminium



SINGLE WEIGHT

Size	suitable	Art.no.	€
1	5 kg	1.6YY6-230	205,00
2	10 kg	1.6YY6-240	210,00
3	20 kg	1.6YY6-250	275,00
4	25 kg	1.6YY6-450	315,00
5	50 kg	1.6YY6-260	350,00

SETS

Size	suitable	Art.no.	€
6	bis 5 g	1.6YY6-530	295,00
7	bis 50 g	1.6YY6-560	295,00
8	bis 100 g	1.6YY6-570	295,00
9	bis 500 g	1.6YY6-590	295,00
10	bis 1 kg	1.6YY6-610	320,00
11	bis 2 kg	1.6YY6-620	350,00
12	bis 5 kg	1.6YY6-630	390,00
13	bis 10 kg	1.6YY6-640	760,00

Clean room case



SETS

Size	suitable	Art.no.	€
removeable inserts			
1	1 g-1 kg	1.6YYR-110	720,00
2	1 g-2 kg	1.6YYR-120	850,00
3	1 g-5 kg	1.6YYR-130	1080,00
4	1 mg-1 kg	1.6YYR-140	790,00
5	1 mg-2 kg	1.6YYR-150	920,00
6	1 mg-5 kg	1.6YYR-160	1150,00

SINGLE WEIGHT

Size	suitable	Art.no.	€
removeable inserts			
7	5 kg	1.6YYR-170	390,00
8	10 kg	1.6YYR-180	460,00
9	20 kg	1.6YYR-190	675,00

Leather cases

rectangular block weights



SETS

Size	suitable	Art.no.	€
1	5 kg	1.6YYL-330	39,00
2	10 kg	1.6YYL-340	42,00
3	20 kg	1.6YYL-350	45,00

Tweezers



STANDARDS

Size	Lenght	Using for	Description	Art.no.	€
1	105 mm	up to 50 g	Stainless steel cranked	1.3YYY-010	5,50
2	160 mm	up to 200 g	Stainless steel cranked	1.3YYY-020	8,00
3	250 mm	up to 500 g	Stainless steel straight with seat pans	1.3YYY-030	18,50
4	300 mm	up to 500 g	Stainless steel straight	1.3YYY-040	25,00

CARBON Stainless steel with bolted, removable carbon tips

Size	Lenght	Using for	Art.no.	€
Total carbon cranked, with seat pans				
5	105 mm	up to 50 g	1.3YYY-050	1,80
cranked with seat pans				
6	105 mm	up to 50 g *	1.3YYY-060	19,50
7	155 mm	up to 200 g *	1.3YYY-070	24,50
8	185 mm	up to 200 g *	1.3YYY-080	27,50
9	200 mm	up to 200 g *	1.3YYY-090	32,50

Gloves



Size	Description	Art.no.	€
Cotton gloves, thin			
S	Women`s size	1.2YYY-010	3,00
L	Men`s size	1.2YYY-020	3,00
Cotton gloves, strong			
S	Women`s size	1.2YYY-030	12,50
L	Men`s size	1.2YYY-040	12,50

Size	Description	Art.no.	€
Micro fiber gloves			
S	Women`s size	1.2YYY-050	9,50
L	Men`s size	1.2YYY-060	9,50
Leather gloves with cotton on the back of the hand			
S	Women`s size	1.2YYY-070	14,50
M	Intermediate size	1.2YYY-080	14,50
L	Men`s size	1.2YYY-090	14,50

Forks



Size	Description	Art.no.	€
1	500 g-Fork	1.3YYY-190	55,00
2	1 kg-Fork	1.3YYY-210	58,00
3	2 kg-Fork	1.3YYY-220	61,00
4	5 kg-Fork	1.3YYY-230	65,00

Handles

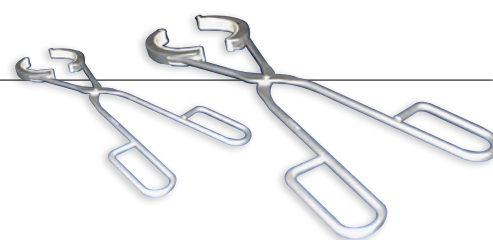


Size	Description	Art.no.	€
5	10 kg-Handle	1.3YYY-240	92,00
6	20 kg-Handle	1.3YYY-250	114,00
7	50 kg-Handle	1.3YYY-260	308,00

Tongs

Normal standards

Size	Description	Art.no.	€
1	Universal tongs with silicone inserts, up to 2 kg	1.3YYY-310	215,00
2	Tong for 1 kg-E0	1.3YYY-320	285,00
3	Tong for 2 kg	1.3YYY-330	399,00

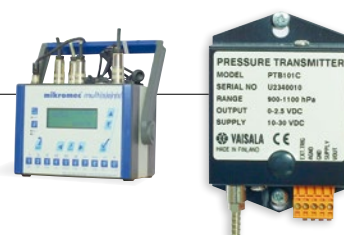


Brush



Size	Diameter x Length	Art.no.	€
1	D10 x L100 mm	1.4YYY-010	1,70
2	D20 x L110 mm	1.4YYY-020	2,70
3	D30 x L150 mm	1.4YYY-030	7,00
4	D30 x L250 mm	1.4YYY-040	10,00

Ambient climate recording system



Size	Part of the system	Art.no.	€
1	Data logger 6 inputs	2.1YYY-010	6250,00
2	Data logger 9 inputs	2.1YYY-020	7500,00
3	Data logger 12 inputs	2.1YYY-030	9200,00
4	PT 100 temperature sensor	2.1YYY-040	220,00
5	Humidity sensor	2.1YYY-050	630,00
6	Air pressure sensor	2.1YYY-060	1100,00

Instruments for permeability determination



Size	suitable	Art.no.	€
1	Permeability checking	2.2YYY-010	3300,00
2	Permeability measuring	2.2YYY-020	*

Transport tools for weights

Size	suitable	Art.no.	€
1	Transport cart	1.3YYY-410	1300,00
2	Lifting tool	1.3YYY-420	950,00



Disc plugs



Made of lead

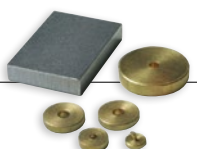
Size	Diameter x Length	Art.no.
1	D5 x 1 mm	1.7PVY-010
2	D7 x 1,5 mm	1.7PVY-020
3	D10 x 2 mm	1.7PVY-030
4	D16 x 2 mm	1.7PVY-040
5	D18 x 3 mm	1.7PVY-050
6	D24 x 3 mm	1.7PVY-080
7	D30 x 4,5 mm	1.7PVY-090
8	28 x 21 x 4 mm	1.7PVY-100

Made of tin



Size	Diameter x Length	Art.no.
1	D5 x 1 mm	1.7ZVY-010
2	D7 x 1,5 mm	1.7ZVY-020
3	D10 x 2 mm	1.7ZVY-030
4	D16 x 2 mm	1.7ZVY-040
5	D18 x 3 mm	1.7ZVY-050
6	D20 x 2 mm	1.7ZVY-060
7	D22,5 x 2 mm	1.7ZVY-070
8	D24 x 3 mm	1.7ZVY-080

Underlay plates



Size	Diameter x Length	Art.no.
1	D5 x 1	1.7MUY-010
2	D7 x 2	1.7MUY-020
3	D10 x 2	1.7MUY-030
4	D16 x 2	1.7MUY-040
5	D18 x 3,5	1.7MUY-050
6	D20 x 3	1.7MUY-060
7	D22,5 x 2	1.7MUY-070
8	D24 x 3	1.7MUY-080
9	D30 x 3	1.7MUY-090
10	28 x 21 x 5	1.7MUY-100

Sealing plugs



DIN 1924

Size	Diameter x Length	Art.no.
1	24 x 23	1.7PPY-010
2	23 x 22	1.7PPY-020
3	22 x 21	1.7PPY-030
4	21 x 20	1.7PPY-040
5	20 x 19	1.7PPY-050
6	19 x 19	1.7PPY-060
7	18 x 18	1.7PPY-070
8	17 x 17	1.7PPY-080
9	16 x 16	1.7PPY-090
10	15 x 15	1.7PPY-100
11	14 x 14	1.7PPY-110
12	13 x 13	1.7PPY-120
13	12 x 12,5	1.7PPY-130
14	11 x 12	1.7PPY-140
15	10 x 10,5	1.7PPY-150
16	9 x 10	1.7PPY-160
17	8 x 9	1.7PPY-170

Adjustment granules



Size	Material	Diameter	Art.no.
1	Made of lead	2 mm	1.7PGY-010
2	Made of lead	3 mm	1.7PGY-020
3	Made of lead	6 mm	1.7PGY-030
1	Stainless steel	up to 1 mm	1.7EGY-010
2	Stainless steel	2 mm	1.7EGY-020
1	Made of tin	up to 1 mm	1.7ZGY-010

Price on effort

Recalibration

E0 PTP-test or calibration*

Uncertainty of measurement: 1/5 of the tolerance of class E1

SINGLE WEIGHT

Nominal value	Art.no.	€
1 mg - 500 mg	1431	1.450,00
1 g - 1 kg	1432	1.310,00
2 kg	1433	1.310,00
5 kg	1434	1.320,00
10 kg	1435	1.340,00
20 kg	1436	1.120,00
50 kg	1437	1.160,00

SETS

Nominal value	Art.no.	€	Nominal value	Art.no.	€
1 g - 50 g	1440	6.502,65	1 mg - 500 mg	1448	6.182,72
1 g - 100 g	1441	7.275,06	1 mg - 50 g	1449	12.395,17
1 g - 200 g	1442	8.819,87	1 mg - 100 g	1450	13.167,58
1 g - 500 g	1443	9.592,28	1 mg - 200 g	1451	14.712,39
1 g - 1 kg	1444	10.364,68	1 mg - 500 g	1452	15.484,80
1 g - 2 kg	1445	11.900,83	1 mg - 1 kg	1453	16.266,73
1 g - 5 kg	1446	12.668,91	1 mg - 2 kg	1454	17.802,88
1 g - 10 kg	1447	13.436,98	1 mg - 5 kg	1455	18.570,96
			1 mg - 10 kg	1456	19.416,99

*Certification of the conventional weighing value and the mass, if the values of the determination of the volume/density are available.

E1 PTP-test or calibration*

Uncertainty of measurement: 1/3 of the tolerance of class E1

SINGLE WEIGHT

Nominal value	Art.no.	€
1 mg - 500 mg	1401	1.230,00
1 g - 1 kg	1402	890,00
2 kg	1403	890,00
5 kg	1404	900,00
10 kg	1405	900,00
20 kg	1406	1.000,00
50 kg	1407	1.050,00

SETS

Nominal value	Art.no.	€	Nominal value	Art.no.	€
1 g - 50 g	1410	2.880,00	1 mg - 500 mg	1418	5.710,00
1 g - 100 g	1411	3.090,00	1 mg - 50 g	1419	8.000,00
1 g - 200 g	1412	3.090,00	1 mg - 100 g	1420	8.200,00
1 g - 500 g	1413	3.100,00	1 mg - 200 g	1421	8.200,00
1 g - 1 kg	1414	3.100,00	1 mg - 500 g	1422	8.230,00
1 g - 2 kg	1415	3.700,00	1 mg - 1 kg	1423	8.230,00
1 g - 5 kg	1416	3.975,00	1 mg - 2 kg	1424	8.800,00
1 g - 10 kg	1417	4.290,00	1 mg - 5 kg	1425	9.100,00
			1 mg - 10 kg	1426	9.420,00

*Certification of the conventional weighing value and the mass, if the values of the determination of the volume/density are available.

DAkkS-Calibration certificate

SINGLE WEIGHT

Nominal value	Art.no.	€
1 mg - 500 mg	1325	98,00
1 g - 1 kg	1326	116,00
2 kg - 10 kg	1327	180,00
20 kg	1328	450,00
50 kg	1329	510,00

SETS

Nominal value	Art.no.	€	Nominal value	Art.no.	€
1 g - 50 g	1384	488,00	1 mg - 500 mg	1392	582,00
1 g - 100 g	1385	549,00	1 mg - 50 g	1393	1.070,00
1 g - 200 g	1386	671,00	1 mg - 100 g	1394	1.131,00
1 g - 500 g	1387	732,00	1 mg - 200 g	1395	1.253,00
1 g - 1 kg	1388	793,00	1 mg - 500 g	1396	1.314,00
1 g - 2 kg	1389	993,00	1 mg - 1 kg	1397	1.375,00
1 g - 5 kg	1390	1.093,00	1 mg - 2 kg	1398	1.575,00
1 g - 10 kg	1391	1.193,00	1 mg - 5 kg	1399	1.675,00
			1 mg - 10 kg	1400	1.775,00

The examination of the magnetic properties according OMIL R 111-2004 is included in these prices.

E2 DAkKS-Calibration certificate

SINGLE WEIGHT

Nominal value	Art.no.	€
1 mg - 50 g	1320	28,00
100 g - 1 kg	1321	38,00
2 kg - 10 kg	1322	50,00
20 kg	1323	65,00
50 kg	1324	65,00

SETS

Nominal value	Art.no.	€
1 g - 50 g	1367	135,00
1 g - 100 g	1368	160,00
1 g - 200 g	1369	215,00
1 g - 500 g	1370	240,00
1 g - 1 kg	1371	270,00
1 g - 2 kg	1372	345,00
1 g - 5 kg	1373	380,00
1 g - 10 kg	1374	420,00

Nominal value	Art.no.	€
1 mg - 500 mg	1375	200,00
1 mg - 50 g	1376	335,00
1 mg - 100 g	1377	360,00
1 mg - 200 g	1378	415,00
1 mg - 500 g	1379	440,00
1 mg - 1 kg	1380	470,00
1 mg - 2 kg	1381	545,00
1 mg - 5 kg	1382	585,00
1 mg - 10 kg	1383	620,00

F1 / F2 DAkKS-Calibration certificate

SINGLE WEIGHT

Nominal value	Art.no.	€
1 mg - 50 g	1470	18,50
100 g - 1 kg	1471	22,50
2 kg - 10 kg	1311	29,50
20 kg	1312	40,00
50 kg	1313	40,00
100 kg, nur F2	1314	140,00
200 kg, nur F2	1315	190,00
500 kg, nur F2	1316	200,00
100 kg, F1, PTB-Kalibrierung	1461	2.050,00
200 kg, F1, PTB- Kalibrierung	1462	2.050,00
500 kg, F1, PTB- Kalibrierung	1463	2.050,00
1000 kg, F1, PTB- Kalibrierung	1464	2.050,00
2000 kg, F1, PTB- Kalibrierung	1465	2.050,00

SETS

Nominal value	Art.no.	€
1 g - 50 g	1350	65,00
1 g - 100 g	1351	78,00
1 g - 200 g	1352	100,00
1 g - 500 g	1353	115,00
1 g - 1 kg	1354	125,00
1 g - 2 kg	1355	155,00
1 g - 5 kg	1356	170,00
1 g - 10 kg	1357	190,00

Nominal value	Art.no.	€
1 mg - 500 mg	1358	95,00
1 mg - 50 g	1359	160,00
1 mg - 100 g	1360	173,00
1 mg - 200 g	1361	195,00
1 mg - 500 g	1362	210,00
1 mg - 1 kg	1363	220,00
1 mg - 2 kg	1364	250,00
1 mg - 5 kg	1365	265,00
1 mg - 10 kg	1366	285,00

Individual nominal values or intermediate values like newton weights or weights in other units are calculated with an extra charge of 10,00 €/piece. Necessary costs for reparation and adjustment are calculated after prior consultation in a cost estimation.

M1 / M2 / M3 DAkKS-Calibration certificate

SINGLE WEIGHT

Nominal value	Art.no.	€
1 mg - 50 g	1301	15,80
100 g - 1 kg	1302	16,00
2 kg - 10 kg	1303	18,00
20 kg	1304	35,00
50 kg	1305	35,00
100 kg	1306	75,00
200 kg	1307	85,00
500 kg	1308	95,00
1000 kg	1309	130,00
2000 kg	1310	180,00

SETS

Nominal value	Art.no.	€
1 g - 50 g	1333	48,00
1 g - 100 g	1334	54,00
1 g - 200 g	1335	65,00
1 g - 500 g	1336	70,00
1 g - 1 kg	1337	75,00
1 g - 2 kg	1338	92,00
1 g - 5 kg	1339	100,00
1 g - 10 kg	1340	110,00

Nominal value	Art.no.	€
1 mg - 500 mg	1341	72,00
1 mg - 50 g	1342	120,00
1 mg - 100 g	1343	125,00
1 mg - 200 g	1344	136,00
1 mg - 500 g	1345	142,00
1 mg - 1 kg	1346	150,00
1 mg - 2 kg	1347	165,00
1 mg - 5 kg	1348	172,00
1 mg - 10 kg	1349	182,00

Individual nominal values or intermediate values like newton weights or weights in other units are calculated with an extra charge of 7,00 €/piece. Necessary costs for reparation and adjustment are calculated after prior consultation in a cost estimation.

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