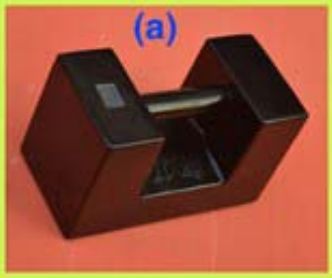
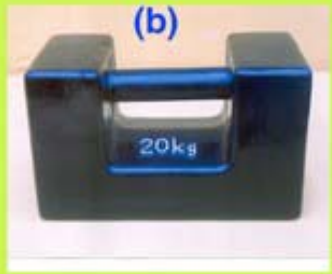
Manufacturer's Preface.....

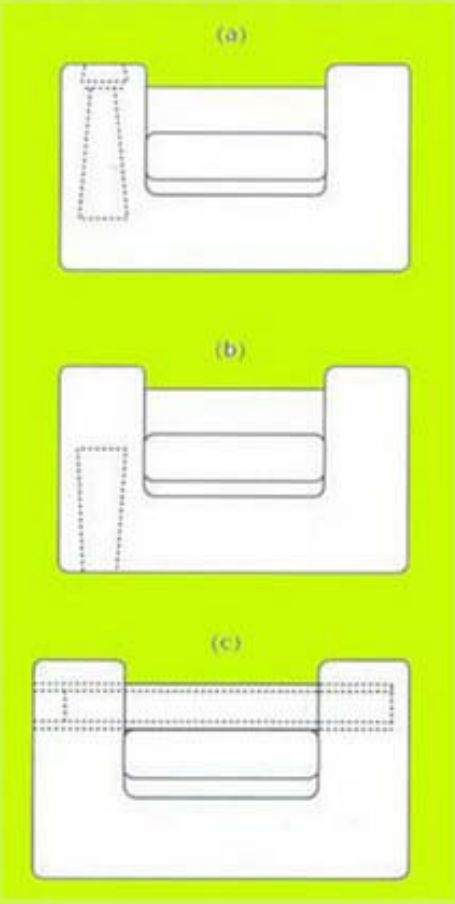
- SWPI have been engaged in manufacturing exclusively Weights since 1961.
- The scenario of the world is changing very rapidly due to revolutionary development in the field of Science & Technology. It has brought a marked change in the requirement of quality weights of various specifications, shapes, sizes, designs, accuracy class etc.
- OIML - the apex body of Weights & Measures - had issued its first Int'l Recommendation for weights vide IR No. 1 & 2 in 1968 and SWPI started manufacturing weights according to the said Recommendation in 1972. The sample of their weights were submitted to the OIML, who appreciated the same vide their message dated 3rd August, 1973.
- Not only that, OIML have also recognised SWPI as one of the suppliers of Cast Iron Weights and had published their name under the heading of suppliers of Cast Iron Weights of OIML (or other) specifications in their Guides issued in mars, 1987 (page 55 of FOURNISSEURS d' EQUIPMENT de CERTIFICATION).
- SWPI's metric weights have traceability with BIPM, Paris (France).
- The photographs shown in this catalogue are only of those weights which are in our regular range of production but we have the capacity to manufacture weights ranging from 50g to 1000kg and 4 oz to 2000 lb a piece of any specification.
- Due to consistent quality and performace, SWPI has been honoured at many occasions at the Zonal, National & International Levels.
- Our article "Suggestions to improve iron weights of OIML R 47 and R 52" has been published in OIML Bulletin Volume XLIX, Numbers 2-3, July - October 2008.
- In the 44th CIML Meeting held in Mombassa, Kenya from 26th - 31st October, 2009, in recognition of our excellent contribution to Legal Metrology in the developing country, the OIML has issued a Letter of Appreciation.
- Accuracy in Weighing Systems throughout the world is SWPI's Moto.
- Thank You,
- 14th May, 2013

Model No. SWPI : 1 - 4

Test Weight - Medium Accuracy Class
Cast Iron Rectangular







SWPI's Cast Iron Test Weights are intended for use in the Verification or Calibration of Weights and for use with weighing instruments of medium accuracy class or ordinary class. They are manufactured from high quality cast iron to give a high quality smooth surface finish and are free of cracks and pits. Weights with nominal values from 5kg to 50kg have the shape of rectangular parallelopiped with rounded edges and a rigid mild steel handle. There is an adjusting cavity placed as per drawing. Lead is used for the adjustment of the accuracy of mass. Weights are protected by a durable coat of paint - generally black colour to protect the casting from rusting.

Specification	:	OIML R - 111 (Part - 1)				
Denomination	:		50kg	20kg	10kg	5kg
Max. Error Class	:	M1	2500	1000	500	250 mg
		M2	8000	3000	1600	800 mg
		M3	25000	10000	5000	2500 mg
Material	:	Cast Iron				
Finish	:	Laquered with black PU paint				
Shape	:	Parallelopipedic				
Adjusting Cavity	:	a) At upper surface of one of the arms of the Weight duly closed by steel plate & sealed by lead plug. b) At bottom surface c) Inside the tubular handle duly closed by iron disc & sealed by lead plug.				
Marking	:	Denomination - English /Hindu-Arabic /Arabic Logo - English				

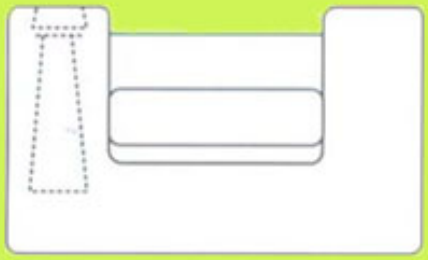
Model No. SWPI : 1-4 (a)

CALIBRATION WEIGHTS

OIML R 111 - 1 (Part 1)

SWPI's Cast Iron Test Weights are intended for use in the Verification or Calibration of Weights and for use with weighing instruments of medium accuracy class or ordinary class. They are manufactured from high quality cast iron to give a high quality smooth surface finish and are free of cracks and pits. Weights with nominal values from 5kg to 50kg have the shape of rectangular parallelopiped with rounded edges and a rigid mild steel handle. There is an adjusting cavity placed as per drawing. Lead is used for the adjustment of the accuracy of mass. Weights are protected by a durable coat of paint - generally black colour to protect the casting from rusting.

Figure A.3 (type 2)



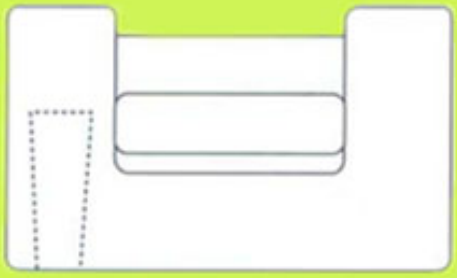
Specification	:	OIML R - 111 (Part-1)				
Denomination	:		50kg	20kg	10kg	5kg
Max. Error	:					
Class	:	M1	2500	1000	500	250 mg
		M2	8000	3000	1600	800 mg
		M3	25000	10000	5000	2500 mg
Material	:	Cast Iron				
Finish	:	Laquered with black PU paint				
Shape	:	Parallelopipedic				
Adjusting Cavity	:	At the upper surface of one of the arms of the weight duly closed by steel late & sealed using lead plug.				

Model No. SWPI : 1-4 (b)

CALIBRATION WEIGHTS

SABS

SWPI's Cast Iron Test Weights are intended for use in the Verification or Calibration of Weights and for use with weighing instruments of medium accuracy class or ordinary class. They are manufactured from high quality cast iron to give a high quality smooth surface finish and are free of cracks and pits. Weights with nominal values from 5kg to 50kg have the shape of rectangular parallelopiped with rounded edges and a rigid mild steel handle. There is an adjusting cavity placed as per drawing. Lead is used for the adjustment of the accuracy of mass. Weights are protected by a durable coat of paint - generally black colour to protect the casting from rusting.



Specification	:	SABS				
Denomination	:		50kg	20kg	10kg	5kg
Max. Error	:					
Class	:	M1	2500	1000	500	250 mg
		M2	8000	3000	1600	800 mg
		M3	25000	10000	5000	2500 mg
Material	:	Cast Iron				
Finish	:	Laquered with black PU paint				
Shape	:	Parallelopipedic				
Adjusting Cavity	:	At the bottom surface of the weight				

Model No. SWPI : 1-4 (c)

CALIBRATION WEIGHTS

OIML R 111 - 1 (Part 1)

SWPI's Cast Iron Test Weights are intended for use in the Verification or Calibration of Weights and for use with weighing instruments of medium accuracy class or ordinary class. They are manufactured from high quality cast iron to give a high quality smooth surface finish and are free of cracks and pits. Weights with nominal values from 5kg to 50kg have the shape of rectangular parallelopiped with rounded edges and a rigid mild steel handle. There is an adjusting cavity placed as per drawing. Lead is used for the adjustment of the accuracy of mass. Weights are protected by a durable coat of paint - generally black colour to protect the casting from rusting.

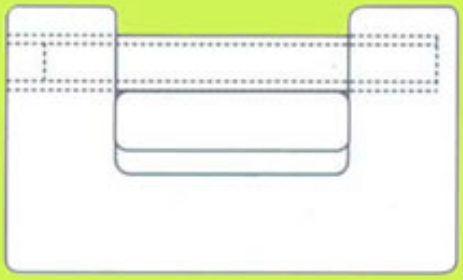


Figure A.2 (type 1)

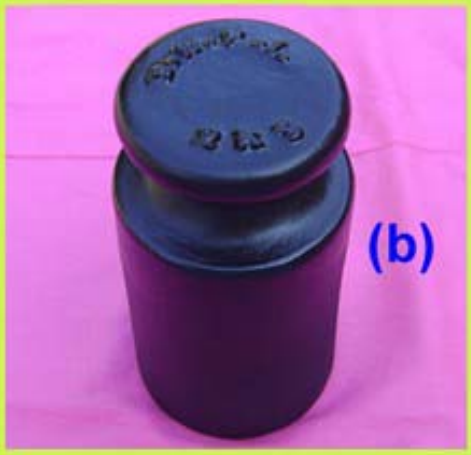
Variant 1

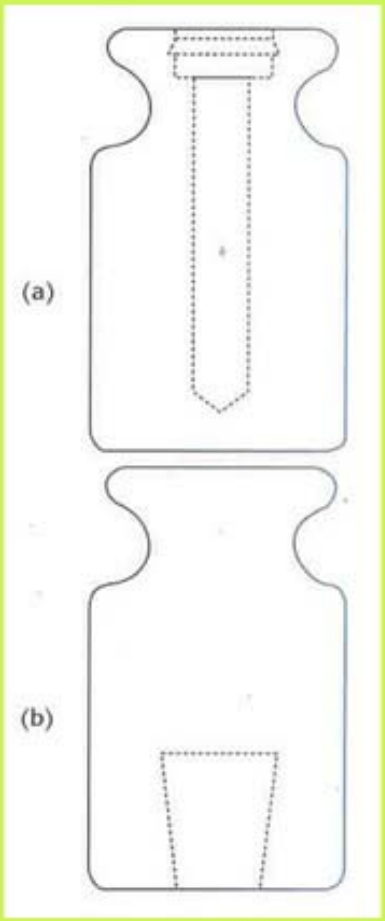
Specification	:	OIML R - 111 (Part-1)				
Denomination	:		50kg	20kg	10kg	5kg
Max. Error	:					
Class	:	M1	2500	1000	500	250 mg
		M2	8000	3000	1600	800 mg
		M3	25000	10000	5000	2500 mg
Material	:	Cast Iron				
Finish	:	Laquered with black PU paint				
Shape	:	Parallelopipedic				
Adjusting Cavity	:	Inside the tubular handle duly closed by iron disc & sealed by lead plug				

Model No. SWPI : 5 -17

Test Weight - Medium Accuracy Class
Cast Iron Cylindrical

SWPI's Cast Iron Test Weights are intended for use in the Verification or Calibration of Weights and for use with weighing instrumemnts of medium accuracy class or ordinary class. They are manufactured from high quality cast iron to give a high quality smooth surface finish and are free of cracks and pits. Weights with nominal values from 100g to 10kg have the shape of cylindrical with knob rounded edges. There is an adjusting cavity placed as per drawing. Lead is used for the adjustment of the accuracy of mass. Weights are protected by a durable coat of paint - genarally black colour to protect the casting from rusting.





Specification	:	OIML R - 111 (Part - 1)						
Denomination	:	10kg	5kg	2kg	1kg	500g	200g	100g
Max. Error								
Class	: M1	500	250	100	50	25	10	5 mg
	M2	1600	800	300	160	80	30	16 mg

Material : Cast Iron
Finish : Laquered with black P U Paint
Shape : Cylindrical with knob
Adjusting Cavity : a) At upper centre of the Weight duly closed by iron disc & sealed by lead plug
b) At the centre of the bottom surface of the Weight
Marking : Denomination - English/Hindu-Arabic/Arabic
Logo - English

Model No. SWPI : 18 - 20

COMMERCIAL WEIGHTS

Specification	:		**British Board of Trade**		
Denomination	:		**20kg**	**10kg**	**5kg**
Max. Error	:	**+**	**3200**	**1600**	**800 mg**
Material	:		**Cast Iron**		
Shape	:		**Rectangular**		
Finish	:		**Laquered with P U black paint**		
Adjusting Cavity	:		**Rectangular shape on the under surface**		

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Model No. SWPI : 21 - 25

COMMERCIAL WEIGHTS

Specification	:	National Standards Commission British Board of Trade				
Denomination	:	2kg	1kg	500g	200g	100g
Max. Error NSC	: +	1300	760	540	340	240 mg
BOT	: +	400	200	100	50	30 mg
Material	:	Cast Iron				
Shape	:	Truncated Hexagonal Pyramid				
Finish	:	Laquered with P U black paint				

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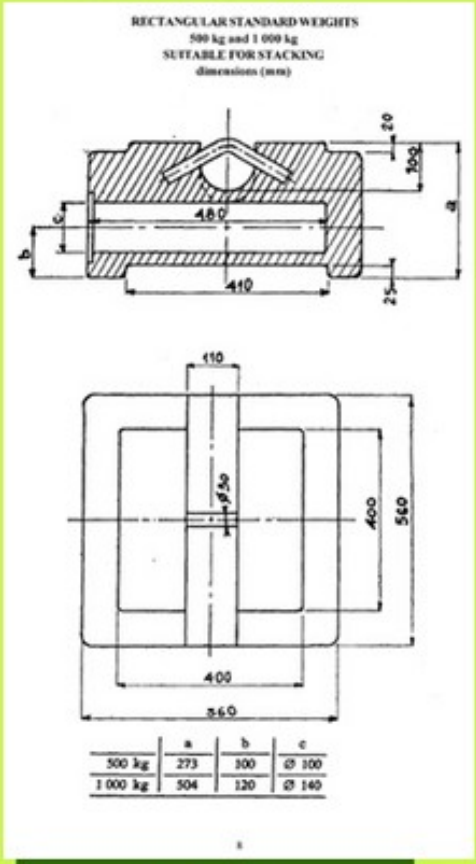
Model No. SWPI : 26 -27 (a)

STANDARD WEIGHTS - Rectangular

for Testing of High Capacity Weighing Machines



	a	b	c
500 kg	273	300	Ø 100
1 000 kg	504	120	Ø 140

Standard Weights as per OIML R 47 are used for testing (and adjusting) of high capacity weighing machines in accuracy classes of medium and ordinary. SWPI's Standard Weights are made of high quality cast iron and free from sharp edges and corners. There is a rigid mild steel handle and an adjusting cavity and its closures are watertight and airtight. Weights are protected by a durable coat of paint. These are suitable for stacking.

Specification	:	OIML R 47			
Denomination	:	100kg	200kg	500kg	1000kg
Max. Error					
0.5/10 000		5	10	25	50 g
1/10 000		10	20	50	100 g
1.7/10 000		17	33	85	170 g
3.3/10 000		33	66	170	330 g
Material	:	Cast Iron			
Shape	:	Rectangular			
Finish	:	Laquered with black P U paint			
Adjusting cavity	:	Sealed with lead plate over mild steel plate in such a way to make it water-tight and air-tight			
Markings	:	Denomination , Logo and Identification number			

www.weights-swpi.com

Model No. SWPI : 26 - 27(b)

Test Weight - High Denominational
Cast Iron Cylindrical with handle

SWPI's Test Weights of high denomination are intended for use in the Verification or Calibration of Weights and for use with weighing instruments of medium accuracy class or ordinary class. They are manufactured from high quality cast iron to give a high quality smooth surface finish and are free of cracks and pits. Weights with nomainal values from 100kg to 1000kg have the shape of cylindrical with rounded edges and a rigid mild steel handle. Weights are protected by a durable coat of paint - generally black colour. These weights are suitable for rolling, stacking and lifting.

Denomination	:	1000kg	500kg	200kg	100kg
Max. Error Class	: M1	50	25	10	- g
	M1-2	100	50	20	10 g
	M2	160	80	30	15 g
	M2-3	300	160	60	30 g
	M3	500	250	100	50 g
Material	: Cast Iron				
Shape	: Cylindrical suitable for Rolling, Stacking & Lifting.				
Adjusting cavity	: At the bottom surface. Another small cavity for the control mark at the top.				
Lifting	: Lifting handle at the top of the Weight				
Finish	: Laquered with black P U Paint				
Markings	: Denomination Manuafacturer's logo (buyer's choice) Identification Number (buyer's choice)				

Model No. SWPI : 26 - 27 (c)

Test Weight - High Denominational
Cast Iron I - shaped

SWPI's Test Weights of high denomination are intended for use in the Verification or Calibration of Weights and for use with weighing instruments of medium accuracy class or ordinary class. They are manufactured from high quality cast iron to give a high quality smooth surface finish and are free of cracks and pits. Weights with nomainal values from 100kg to 1000kg have the shape of I - shaped with rounded edges and a rigid mild steel handle. Weights are protected by a durable coat of paint - generally black colour.
These weights are suitable for stacking and lifting by crane or forklift.

Denomination	:	1000kg	500kg	200kg	100kg
Max. Error Class	: M1	50	25	10	- g
	M1-2	100	50	20	10 g
	M2	160	80	30	15 g
	M2-3	300	160	60	30 g
	M3	500	250	100	50 g

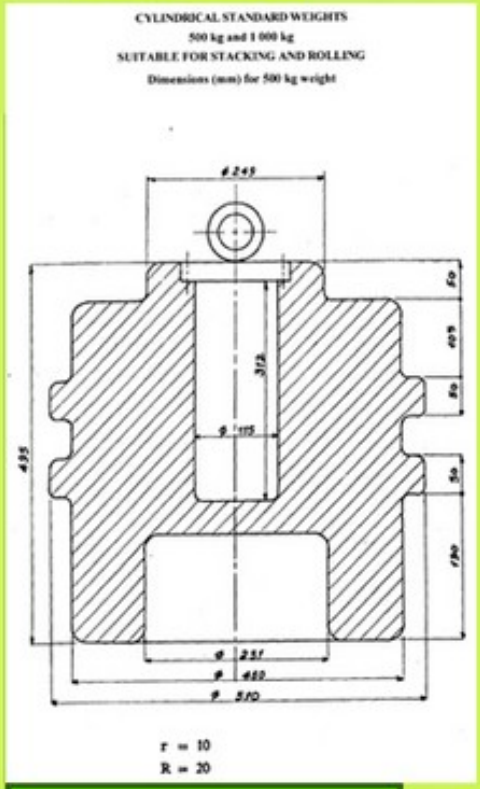
Material : Cast Iron
Shape : I - shaped suitable for stacking and lifting by crane or forklift.
Adjusting cavity : Specially designed cavity sealed by alien scew. The adjustment is made by lead (in molten & shett form) and a few iron balls, which can be pulled out by a magnetic pencil, if need.
Finish : Laquered with black P U paint
Markings : As desired by buyer

Model No. SWPI : 26 - 27(d)

STANDARD WEIGHTS - CYLINDRICAL

for Testing of High Capacity Weighing Machine

SUITABLE FOR STACKING AND ROLLING



Standard Weights as per OIML R 47 are used for testing (and adjusting) of high capacity weighing machines in accuracy classes of medium and ordinary. SWPI's Standard Weights are made of high quality cast iron and are free from sharp edges and corners. The closures of adjusting cavity are watertight and airtight. Weights are protected by a durable coat of paint - generally black. These weights are suitable for stacking and rolling.

Specification	:	OIML R 47			
Denomination	:	100kg	200kg	500kg	1000kg
Max. Error					
0.5/10 000		5	10	25	50 g
1/10 000		10	20	50	100 g
1.7/10 000		17	33	85	170 g
3.3/10 000		33	66	170	330 g
Material	:	Cast Iron			
Shape	:	Cylindrical			
Finish	:	Laquered with black P U paint			
Adjusting cavity	:	Sealed with lead plate over mild steel plate in such a way to make it water-tight and air-tight			
Markings	:	Denomination , Logo and Identification number			

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Model No. SWPI : 47

BELL WEIGHTS SET (METRIC)

Specification	:	**British Standards 4960 - 1986**					
Denomination	:	**500g**	**200g**	**100g**	**50g**	**20g**	**10g**	**5g**
Max. Error	:	**5**	**2**	**1**	**0.5**	**0.5**	**0.5**	**0.5g**
Material	:	**Brass**						

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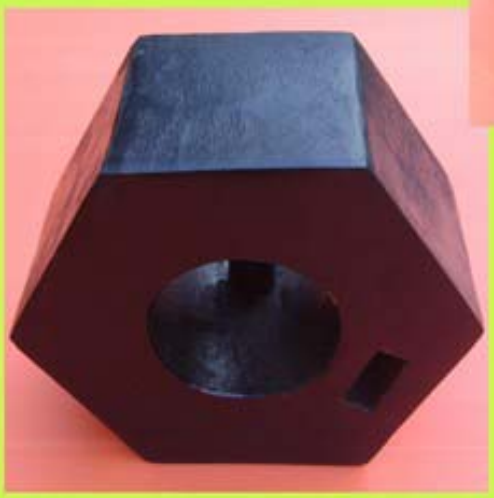
Model No. SWPI : 48 - 51

COMMERCIAL WEIGHTS

Commercial Weights of 50kg down to and including 5kg are made of high quality cast iron to give a high quality smooth surface finish. Weights are free from cracks, pits, blow - holes, and other defects. Shape is hexagonal tappered upward. Weights have one rectangular loading hole on the under surface, tapering outwards along the width. Weights have cast-in-handle made of mild steel. Only lead is used in the loading hole so that it may not come out easily. They are protected by a corrosion resistent paint of black colour. The error in excess permissible for adjusted new weights shall not exceed its limits



Specification	:	Bureau of Indian Standards GCC Countries			
Denomination	:	50kg	20kg	10kg	5kg
Max. Error	: +	7500	3000	1500	750 mg
Material	:	Cast Iron			
Shape	:	Hexagonal			
Finish	:	Laquered with corrosion resistant paint			
Marking	:	Denomination- English/Hindu-Arabic/Arabic Logo - English			

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Model No. SWPI : 52 - 56

COMMERCIAL WEIGHTS

Commercial Weights of 2kg down to and including 50g are made of high quality cast iron to give a high quality smooth surface finish. Weights are free from cracks, pits, blow - holes, and other defects. Shape is hexagonal tappered downward. While nesting, weights of denomination of 2kg down to and including 50g have one rounded loading hole tapering outside in the underside. Weights are protected by a corrosion resistant paint of black colour. The error in excess permissible for adjusted new weights shall not exceed its limits

Specification	:	Bureau of Indian Standards GCC Countries					
Denomination	:	2kg	1kg	500g	200g	100g	50g
Max. Error	:	+ 300	150	75	30	15	10 mg
Material	:	Cast Iron					
Shape	:	Hexagonal					
Finish	:	Laquered with corrosion resistant paint					
Marking	:	Denomination- English/Hindu-Arabic/Arabic Logo - English					

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Model No. SWPI : 60 - 63

AVOIRDUPOIS WEIGHTS

Specification	:	BS : 1986 No. 1683						
Denomination	:	7 Lb	10 Lb	14 Lb	20 Lb	28 Lb	50 Lb	56 Lb
Max. Error	: +	560	750	1000	1500	2000	3600	4000 mg
Material	:	Cast Iron						
Shape	:	Rectangular						
Finish	:	Laquered with P U black paint						
Adjusting Cavity	:	Rectangular shape on the under surface						

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Model No. SWPI : 87 - 93

SLOTTED WEIGHT

Slotted Weights are used in a variety of applications such as pressure, torque and tensile strength testing. These are typically used with a hanger that also has its weight calibrated so the hanger can be used as part of the overall weight under test. Several Slotted Weights may be used together to build up from a minimum weight to maximum test load. The hanger weights will be able to accomodate the total load needed. SWPI's Cast Iron Slotted Weights are manufactured from high quality cast iron to give a smooth surface finish and are free of cracks, pits amd sharp edges. There is adjusting cavity in each weight adjusted with lead on the underside of the weight. Weights are protected by a durable coat of paint generally black paint to protect the casting from rusting. Weights 5kg and above are provided with under cut on opposite ends to aid in lifting

Newton Weight

Slotted Weight Hanger

Denomination	: 100kg 50kg 20kg 10kg 5kg 2kg 1kg 500g 200N 100N 50N 20N 10N 5N
Max. Error	: 1% to 0.005% as desired by buyer
Material	: Slotted Weight - Cast Iron Hanger - Mild Steel Rod with Mild Steel Plate or Cast Iron Plate
Adjusting Cavity	: Adjusting Cavity at the bottom surface and adjusted with lead
Finish	: Laquered with P U black paint
Shape	: Round Slotted Interlocking

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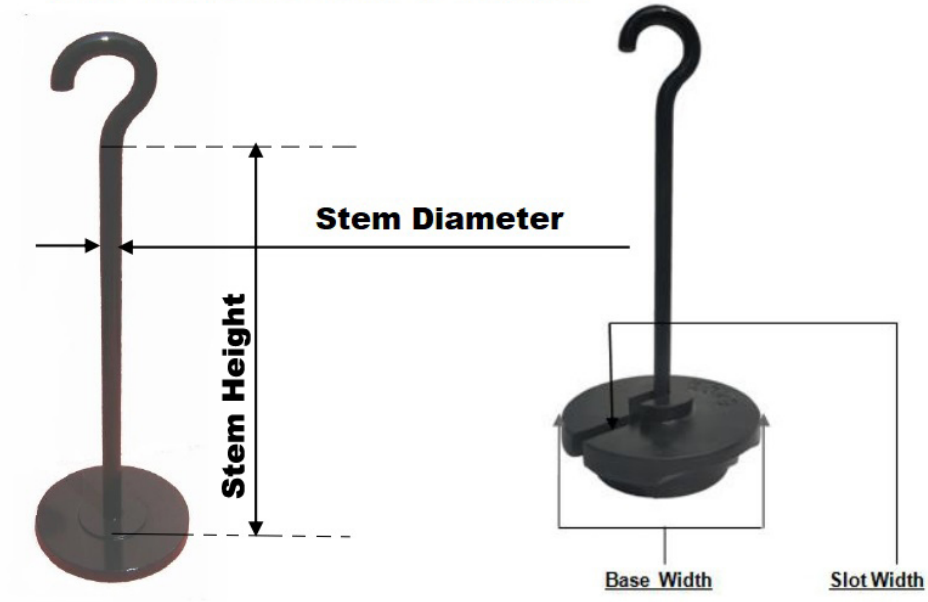
Model No. SWPI : H1 - H4

HANGER FOR SLOTTED WEIGHT

Slotted weights are used in a variety of applications such as pressure torque and tensile strength testing. These slotted weights are used with hangers that also has its weight calibrated so that the hanger can be used as part of the overall weight under test.

There may be adjusting cavity in each hanger weight to be adjusted with lead on the underside of the weight.



Denomination	500 g 1 kg 2 kg 5 kg 5 N 10 N 20 N 50 N
Max Error	1 % to 0.1 % as desired by buyer
Material	Mild Steel Rod with Mild steel plate or Cast Iron Plate
Adjusting Cavity	Adjusitng cavity may be at the bottom surface adjusted with Lead
Finish	Good quality finish laquered with PU black paint

Slotted Weights and Hanger for Slotted Weights Projections

	Denomination	Part. No.	Base Width Diameter (mm)	Slot Width (mm)	Stem Diameter (mm)	Stem Height (mm)	Hanger Capacity
Slotted Weights	100 g	SWPI : 87	52	20			
	200 g	SWPI : 88	52	20			
	500 g	SWPI : 89	100	20			
	1 kg	SWPI : 90	120	20			
	2 kg	SWPI : 91	130	20			
	5 kg	SWPI : 92	160	20			
	10 kg	SWPI : 93	225	20			
	20 kg	SWPI : 94	280	20			
Hanger for Slotted Weights	500 g	SWPI : H1			10	225	30 kg
	1 kg	SWPI : H2			12	350	50 kg
	2 kg	SWPI : H3			16	450	80 kg
	5 kg	SWPI : H4			16	550	120 kg

Model No. SWPI : 125 - 133

AVOIRDUPOIS WEIGHTS

Specification : BS : 1986 No. 1683

Denomination :	4 lb	2 lb	1 lb	8 oz	4 oz	2 oz	1 oz	1/2 oz	1/4 oz
Max. Error :	360	180	100	60	35	30	25	20	15 mg

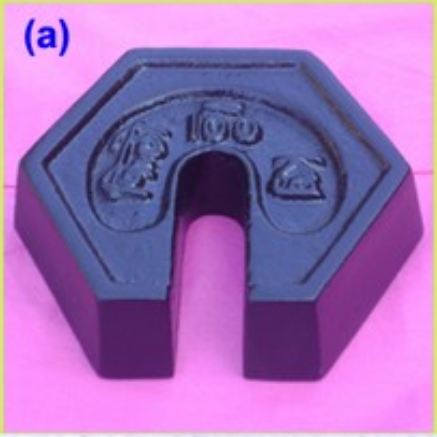
Material : 4 oz and above - Cast Iron
2 oz and below - Brass

www.weights-swpi.com

Model No. SWPI : 136

PROPORTIONAL WEIGHTS
HANGER WEIGHTS

Proportional Weights and Hanger Weights are generally to be used as counterpoise in Platform Weighing Machines. These are manufactured from high quality Cast Iron and have a slot of suitable size to allow them being placed on the couter balance. Hexagonal Weights have one rectangular and Round Weights have one round loading hole undercut or tapering outwards so as to hold lead securely for adjustment. They are protected by a corrosion resistant paint of black colour.



Denomination	:	200kg 100kg 50kg 25kg 20kg 10kg 5kg
Ratio	:	100 : 1 50 : 1
Material	:	Cast Iron
Shape	:	Hexagonal or Round
Finish	:	Laquered with black paint
Adjusting Cavity	:	Hexagonal - Rectangular Round - Round

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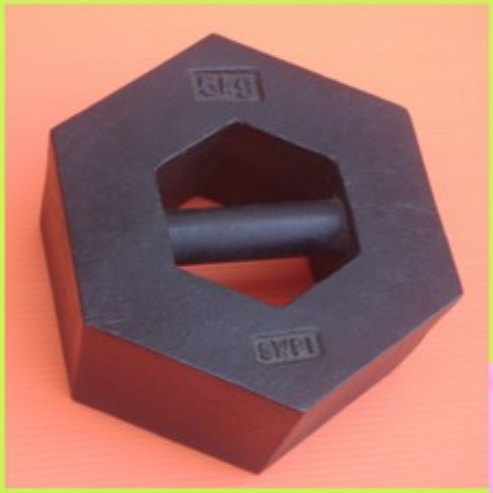
Model No. SWPI : 137-145

ORDINARY ACCURACY CLASS WEIGHTS

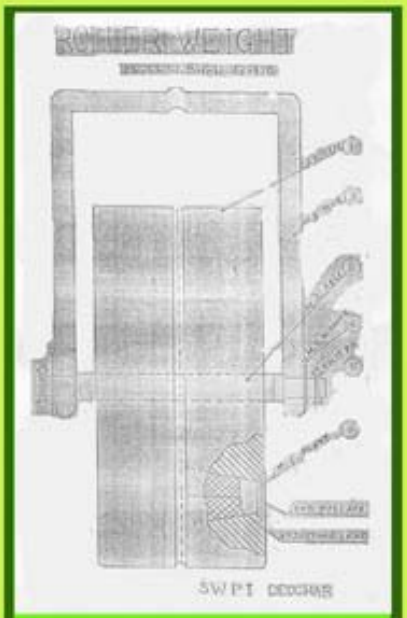


Specification	:	OIML R 52							
Denomination	:	50kg	20kg	10kg	5kg	2kg	1kg	500g	200g	100g
Max. Error	: +	25	10	5.0	2.5	1.0	0.5	0.25	0.10	0.05 g
Material	:	Cast Iron							
Shape	:	Hexagonal							
Finish	:	Laquered with P U black paint							
Adjusting Cavity	:	On the under surface							

www.weights-swpi.com

Model No. SWPI : 168 - 170

ROLLER WEIGHTS



SWPI's Roller Weights are manufactured from high quality cast iron. The surface is smooth free from cracks, pits, blow-holes and other defects with rounded edges. They are fitted with mild steel handle suitable for rolling and lifting. Adjusting cavity is sealed by a lead plug. Weights are protected by a corrosion resistant coat of black colour paint.

Denomination	:	500kg	250kg	200kg
Max. Error	:	160	80	60g
Material	:	Cast Iron		
Finish	:	Smooth surface laquered with corrosion resistant paint		
Markings	:	Denomination, Manufacturer's logo Identification serial number		

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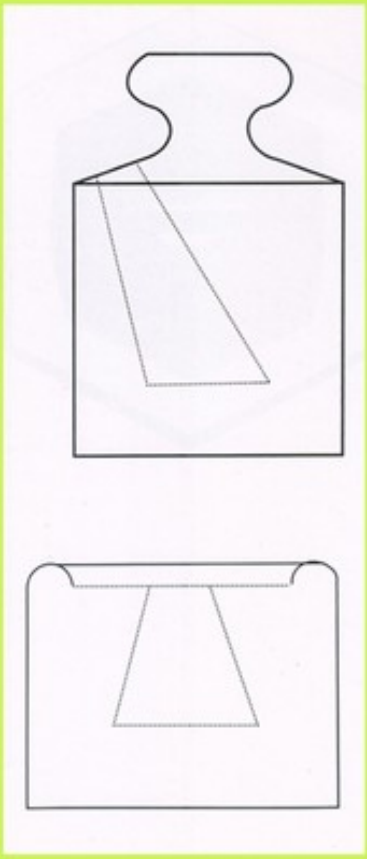
Model No. SWPI: 171 - 176

Test Weights

cylindrical cast iron



Specification	:	**SCHENGENER STATES**					
Denominaion	:		**5kg**	**2kg**	**1kg**	**500g**	**200g**	**100g**
Max. Error	:	**M1**	**250**	**100**	**50**	**25**	**10**	**5 mg**
		M2	**800**	**300**	**160**	**80**	**30**	**16 mg**
		M3	**2500**	**1000**	**500**	**250**	**100**	**50 mg**
Material	:	**Cast Iron**						
Shape	:	**500g & above : cylindrical with knob**						
		200g & below : cylindrical with flat surface						
Finish	:	**laquered with P U black paint**						

www.weights-swpi.com

Model No. SWPI : 181 -183

Test Weight - High Denomination
Rectangular fitted with Channel

SWPI's Test Weights are intended for use in the Verification or Calibration of Weights and for use with weighing instruments of medium accuracy class or ordinary class. They are manufactured from mild steel fabricated body filled with molten cast iron, which gives smooth surface and good finish.
Weights with nominal values from 100kg to 1000kg have the shape of rectangular fitted by welding with channel and lifting pin suitable for lifting by fork lift & crane.
A specially designed adjusting cavity sealed by alien screw, which has room to accomodate an additional 500g to allow for wear and loss of mass in use.
Weights are protected by durable coat of paint - generally black which make rust resistant.

Denomination		1000kg	500kg	200kg	100kg
Max. Error Class	M1	50	25	10	- g
	M1-2	100	50	20	10 g
	M2	160	80	30	15 g
	M2-3	300	160	60	30 g
	M3	500	250	100	50 g
Material	: Cast Iron sheathed with Mild Steel Sheet				
Shape	: Rectangular welded with channel and lifting pin for lifting by forklift & crane				
Adjusting cavity	: Specially designed cavity sealed by alien scew. The adjustment is made by lead (in molten & shett form) and a few iron balls, which can be pulled out by a magnetic pencil, if need.				
Finish	: Laquered with black P U paint				
Markings	: As desired by buyer by white paint				

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Model No. SWPI : 187

Test Weight - High Denominational Cast Iron Rectangular suitable for lifting & stacking

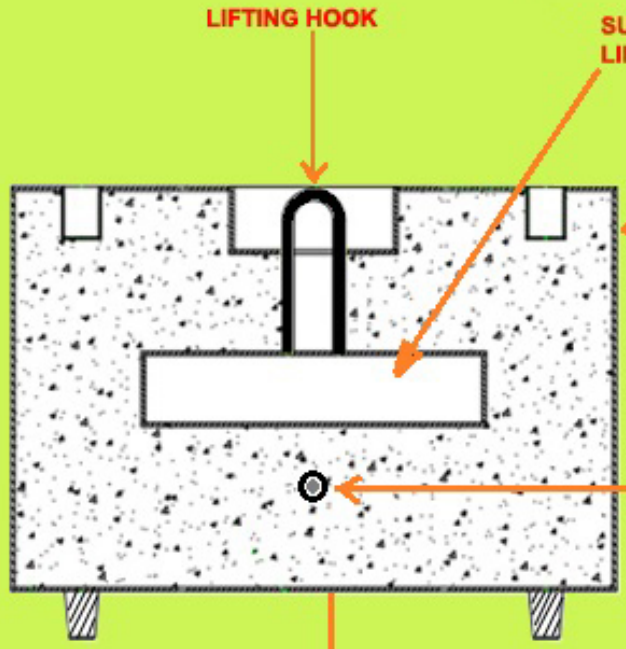
SWPI's Test Weights of high denomination are intended for use in the Verification or Calibration of Weights and for use with weighing instruments of medium accuracy class or ordinary class. They are manufactured from high quality cast iron to give a high quality smooth surface finish and are free of cracks and pits. Weights with nomainal values from 500kg to 1000kg have the shape of rectangular with rounded edges and a rigid mild steel handle. Weights are protected by a durable coat of paint - generally black colour. These weights are suitable for lifting & stacking. Rectangular adjusting cavity is covered by mild steel plate affixed with threaded rod.

Denomination	:	1000kg	500kg
Max. Error Class	: M1	50	25 g
	M1-2	100	50 g
	M2	160	80 g
	M2-3	300	160 g
	M3	500	250 g
Material	: Cast Iron		
Shape	: Rectangular suitable for lifting & Stacking.		
Adjusting Cavity	: Rectangular covered by Mild Steel Plate tied with threaded Rod. The adjustment is made by lead.		
Finish	: Laquered with black P U Paint		
Markings	: As desired by buyers		

Model No. SWPI : 189

Fabricated Standard Weights

SWPI's Test Weights are intended for use in the Verification or Calibration of Weights and for use with weighing instruments of medium accuracy class or ordinary class. They are manufactured from mild steel fabricated body filled with molten cast iron, which gives smooth surface and good finish.
Weights with nominal values from 100kg to 1000kg have the shape of rectangular fitted by welding with channel and lifting pin suitable for lifting by fork lift & crane.
A specially designed adjusting cavity sealed by alien screw, which has room to accomodate an additional 500g to allow for wear and loss of mass in use.
Weights are protected by durable coat of paint - generally black which make rust resistant.



Denomination		1000kg	500kg	200kg	100kg
Max. Error Class	M1	50	25	10	- g
	M1-2	100	50	20	10 g
	M2	160	80	30	15 g
	M2-3	300	160	60	30 g
	M3	500	250	100	50 g

Material : Cast Iron sheathed with Mild Steel Sheet
Shape : Rectangular

Adjusting cavity : Specially designed cavity sealed by alien scew. The adjustment is made by lead (in molten & shett form) and a few iron balls, which can be pulled out by a magnetic pencil, if need.
Finish : Laquered with black P U paint
Markings : As desired by buyer by white paint