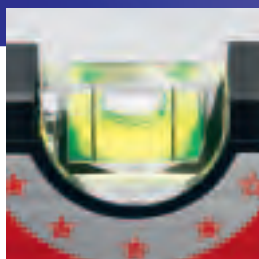


**These BMI advantages are your benefit it :**



**Vial with magnifying effect.  
No more double-bubble trouble!**



**2% slope markings**



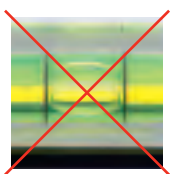
**Top-end vial**



**Shock-absorbing rubber end-caps**



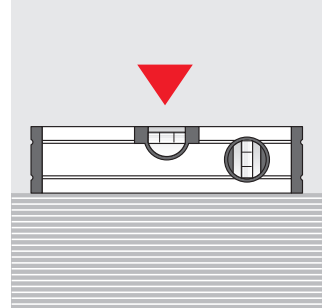
**Unique, sturdy 4-chamber profile**



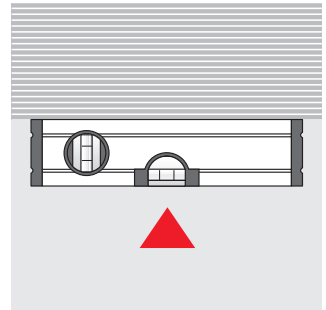
# Spirit Levels

Applications for spirit levels

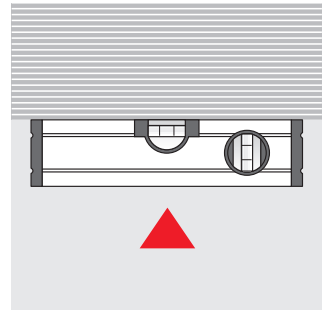
Horizontal **normal position**



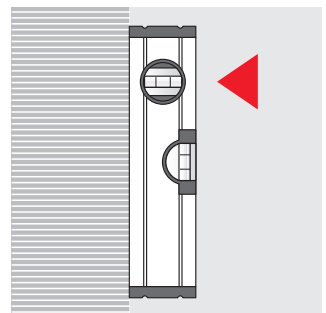
Horizontal **inverted position**  
(over-head measuring)



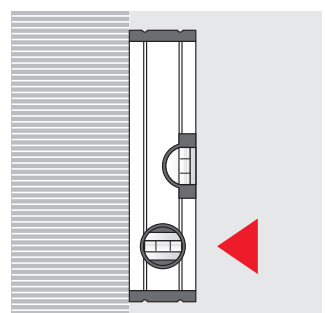
Horizontal **over-head measuring**  
(only for BMI-EUROSTAR and BMI-ROBUST)



Vertical **normal position**



Vertical **inverted position**



## ADVANTAGES

- Selected high quality materials.
- Worldwide patented manufacturing processes.
- High measuring accuracy up to 0.5 mm/m in normal and inverted position.
- Up to 30 years BMI guarantee for the durability of the vials.

This means safety for your work.

Thickness of wall +/- 10%  
due to technical reasons



Box section  
22 x 50 mm, wall  
strength 1.5 mm,  
is used for the  
**690 type series**  
up to a length of  
150 cm.



Thick-walled, sturdy vial, made of plexiglass, used in the horizontal vials of the 662, 665, 666 and 689 type series.



Break- and shock-proof tube vial with magnifying effect of the 690 type series, extremely good viewing, 2% slope markings.



**Worldwide patented mounting technology with electronically adjusted and ultrasonically welded or laser-marked vials.**



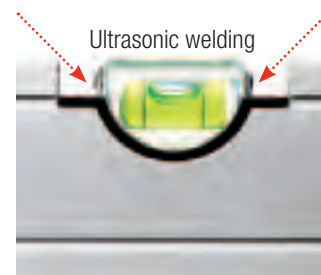
Box section  
22 x 50 mm, wall  
strength 1.6 mm,  
is used for the **691 type series** up to a length of 120 cm. The lengths 150, 180 and 200 cm have a wall strength of 2.2 mm.



Thick-walled, sturdy vial, made of plexiglass, with magnifying effect, extremely good viewing, used as vertical and horizontal vial in the 692 type series and as horizontal vial in the 691, 695, 698 and 699 series.



Thick-walled, sturdy block vial, made of plexiglass, used as vertical vial in the 662, 665, 666, 691, 698 and 699 series.



For all spirit levels (except the 690 type) made of aluminium profile up to a length of 120 cm the vials are electronically adjusted and fixed in the body by means of ultrasonic welding.

**This process has been patented for BMI nationally and internationally.**



Box section  
22 x 50 mm, wall  
strength 1.8 mm, is  
used for the **692 and 699 type series** up to a length of 120 cm. The lengths 150, 180, 200 and 240 cm have a wall strength of 2.3 mm



## Angle of Inclination

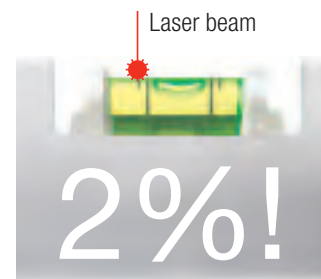
The picture shows a rotating vial of the 691 W and 691 WM and the SUPERTORPEDO type for an easy transfer of inclinations and angles.



Strong 4-chamber aluminium profile box section 60 x 26 mm, wall strength 2 mm, extremely flexible and torsion-proof, used in the **698 type series**.



Extremely sturdy 4-chamber aluminium profile, box section 75 x 26 mm, wall strength 2.0 mm, used in the **695 type series** (even more torsion resistant than the 698).



The 690 EUROSTAR is at first completely mounted. At this stage, the vials don't have any marking rings. In the final stage, a computer measures the position of the vial and controls a laser which applies marking rings to the vial on either side of the bubble in precisely equal distances.

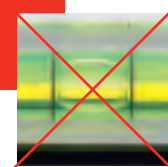
**This process has been patented for BMI nationally and internationally.**

# EUROSTAR

**BMI**



**The original!**  
With patented  
2% slope laser  
markings and  
reflection-free  
readability!



**No more  
double-bubble trouble!**

**690 E**



**690 EM**

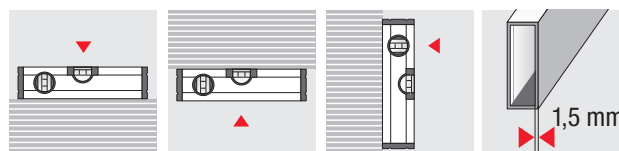


**690 ES**



- 2% slope markings on horizontal vial.
- Laser-marked vials provide measuring accuracy of 0,5 mm/m for a lifetime.
- Tube vial offers easy readability.
- Strong walls for longer life.

Also available as  
690 P (powder-coated),  
price equal to 690 E



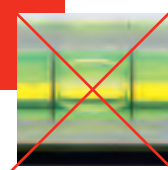
Length in cm	30	40	50	60	80	90	100	120	150	180	200
<b>Order no.</b>	690 030 E	690 040 E	690 050 E	690 060 E	690 080 E	690 090 E	690 100 E	690 120 E	690 150 E	690 180 E	690 200 E
<b>Price</b>											
<b>Order no.</b>		690 040 ES		690 060 ES	690 080 ES		690 100 ES	690 120 ES			
<b>Price</b>											
<b>Order no.</b>		690 040 EM	690 050 EM	690 060 EM	690 080 EM	690 090 EM	690 100 EM	690 120 EM			
<b>Price</b>											

# ALUSTAR

BMI



The original!  
With ultrasonic-  
welded vials  
(BMI patent) and  
reflection-free  
readability!



No more  
double-bubble trouble!

691



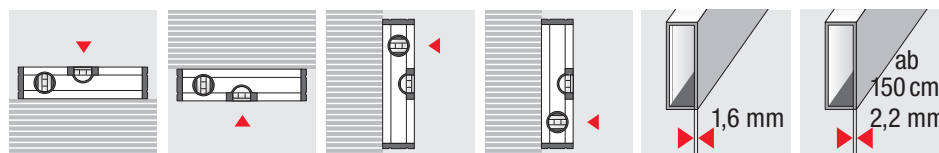
691 M



691 S



- The original BMI domed round horizontal vial with magnifying effect provides unsurpassed readability, also for inverted measurement.
- Strong walls and shock-absorbing rubber end-caps.
- Highest accuracy for life (0,5 mm/m) due to ultrasonic-welded vials.
- Highly accurate inverted measurement (0,75 mm/m).



Length in cm	20	30	40	50	60	80	90	100	120	150	180	200
Order no.	691 020	691 030	691 040	691 050	691 060	691 080	691 090	691 100	691 120	691 150	691 180	691 200
Price												
Order no.			691 040 M	691 050 M	691 060 M	691 080 M		691 100 M	691 120 M	691 150 M	691 180 M	691 200 M
Price												
Order no.			691 040 S	691 050 S	691 060 S	691 080 S	691 090 S	691 100 S	691 120 S	691 150 S	691 180 S	691 200 S
Price												

# ALUSTAR

**BMI**



The original!  
With ultrasonic-  
welded vials  
(BMI patent) and  
reflection-free  
readability!



No more  
double-bubble trouble!

691 W



## Angle of Inclination

The picture shows a rotating vial of the 691 W and 691 WM and the SUPERTORPEDO type for an easy transfer of inclinations and angles.



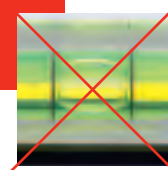
Length in cm	40	60	80	100
<b>Order no.</b>	691 040 W	691 060 W	691 080 W	691 100 W
<b>Price</b>				
<b>Order no.</b>	691 040 WM	691 060 WM	691 080 WM	691 100 WM
<b>Price</b>				

# ULTRASONIC

BMI



The original!  
With ultrasonic-welded vials (BMI patent), Top-end vial, and reflection-free readability!



No more double-bubble trouble!

692



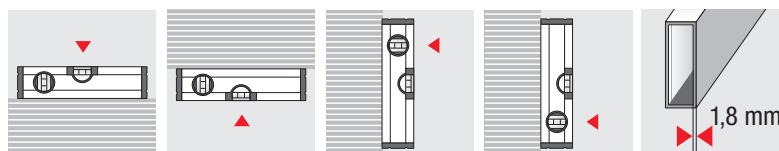
- The original BMI domed round horizontal vial with magnifying effect provides unsurpassed readability, also for inverted measurement.
- Highest accuracy for life (0,5 mm/m) due to ultrasonic-welded vials.
- Highly accurate inverted measurement (0,75 mm/m).
- By means of head vial extremely good viewing of vertical measurements.
- Strong walls and shock-absorbing rubber end-cap preserve high measuring accuracy.



available in 20 cm length with magnet  
**Order no.** 692020 M



692 SC with two marking devices (60 up to 120 cm)



Length in cm	20	30	40	50	60	80	100	120
<b>Order no.</b>	692 020	692 030	692 040	692 050	692 060	692 080	692 100	692 120
<b>Price</b>								
<b>Order no.</b>	692 020 M							
<b>Price</b>								
<b>Order no.</b>					692 060 SC	692 080 SC	692 100 SC	692 120 SC
<b>Price</b>								

# SUPERSTAR

**BMI**



The original!  
With ultrasonic-welded vials (BMI patent) and reflection-free readability!



No more double-bubble trouble!

699 A

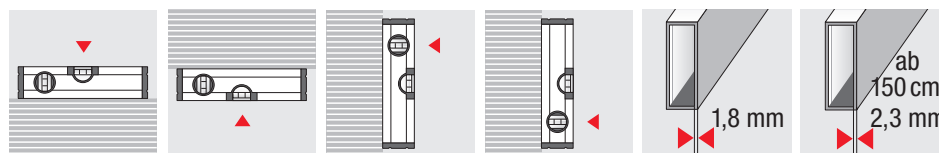


699 M



up to 120 cm

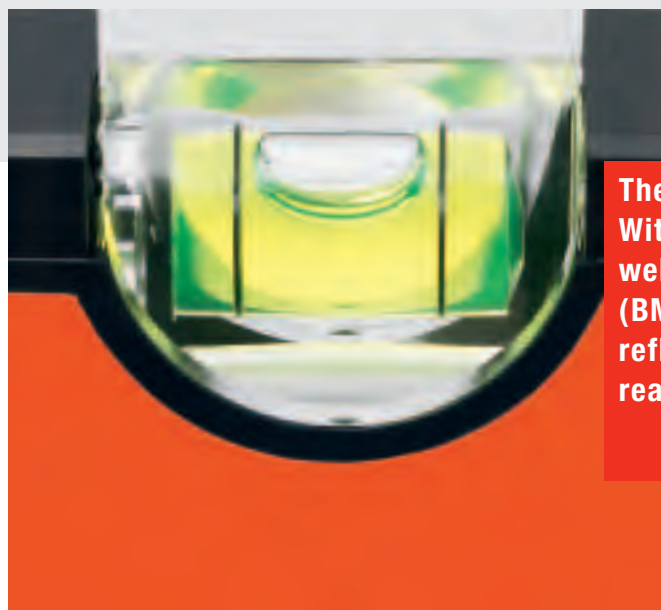
- The original BMI domed round horizontal vial with magnifying effect provides unsurpassed readability, also for inverted measurement.
- Strong walls and shock-absorbing rubber end-caps preserve high measuring accuracy.
- Highest accuracy for life (0,5 mm/m) due to ultrasonic-welded vials.
- Milled measuring surface (up to 120 cm)
- Highest accuracy also for inverted measurement (0,5 mm/m).



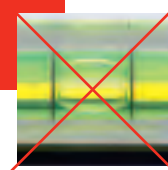
Length in cm	30	40	50	60	80	90	100	120	150	180	200
Order no.	699 030 A	699 040 A	699 050 A	699 060 A	699 030 A	699 090 A	699 100 A	699 120 A	699 150 A	699 180 A	699 200 A
Price											
Order no.		699 040 M		699 060 M	699 030 M		699 100 M	699 120 M	699 150 M	699 180 M	699 200 M
Price											

# ROBUST

BMI



The original!  
With ultrasonic-  
welded vials  
(BMI patent) and  
reflection-free  
readability!



No more  
double-bubble trouble!

698



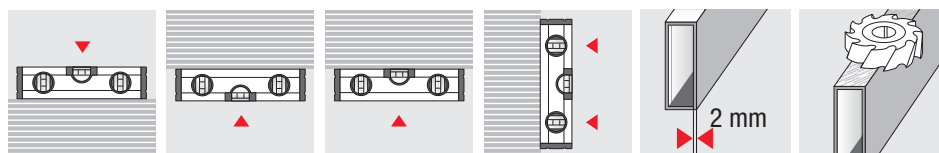
698 D



- Unique, extremely torsion-resistant 4-chamber profile (60 x 26 mm cross-cut).
- The original BMI domed round vial with magnifying effect provides unsurpassed readability, also for inverted measurement.
- Highest accuracy for life (0,5 mm/m) due to ultrasonic-welded vials.
- Especially thick shock-absorbing rubber end-caps preserve high measuring accuracy – for life.
- Two milled measuring surfaces (up to 120 cm)
- Highest accuracy also for inverted measurement (0,5 mm/m).



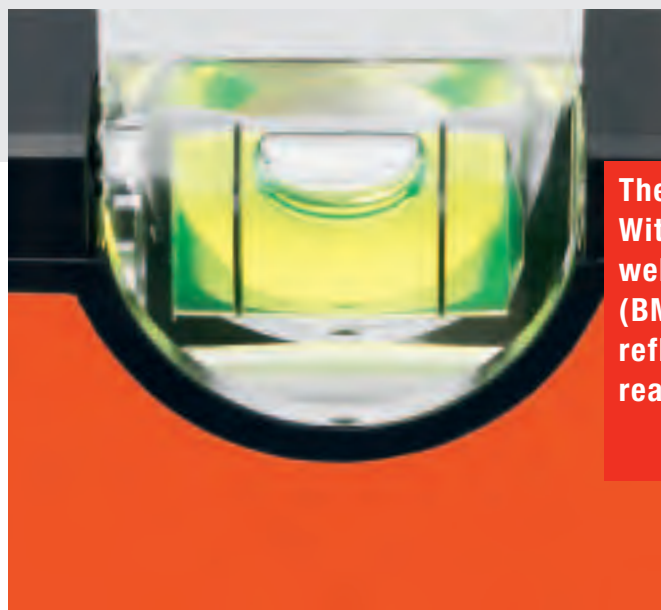
available in lengths  
of up to 240 cm



Length in cm	40	50	60	80	90	100	120	150	180	200	240
Order no.	698 040	698 050	698 060	698 030	698 090	698 100	698 120	698 150	698 180	698 200	698 240
Price											
Order no.			698 060 D	698 030 D	698 090 D	698 100 D	698 120 D	698 150 D	698 180 D	698 200 D	698 240 D
Price											

# SUPERROBUST

**BMI**



**The original!  
With ultrasonic-  
welded vials  
(BMI patent) and  
reflection-free  
readability!**



**No more  
double-bubble trouble!**

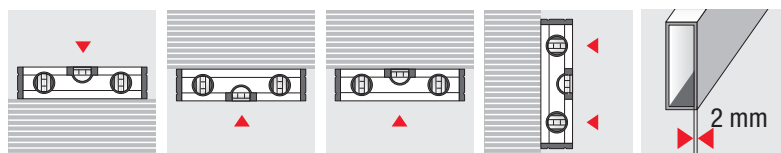
695 D



from 180 cm with 2 h- and 2 v-vials!

**available in lengths  
of up to 240 cm**

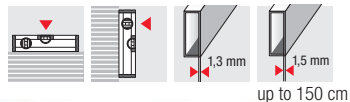
- Unique, extremely torsion-resistant 4-chamber profile (75 x 26 mm cross-cut).
- The original BMI domed round vial with magnifying effect provides unsurpassed readability, also for inverted measurement.
- Highest accuracy for life (0,5 mm/m) due to ultrasonic-welded vials.
- Especially thick shock-absorbing rubber end-caps preserve high measuring accuracy – for life.
- Highest accuracy also for inverted measurement (0,5 mm/m).



Length in cm	120	180	200	240
<b>Order no.</b>	695 120 D	695 180 DH	695 200 DH	695 240 DH
<b>Price</b>				

and wooden spirit level

**689 ECOLINE**



The welcome model for cost-aware users. Robust, smooth aluminium profile, grey (689 P-grey) or yellow powder coated (689 P-yellow). Measuring accuracy in normal position 1 mm/m.

Length in cm	30	40	50	60	80	100	120	150	180	200
<b>Order no.</b>	689 030 ECO	689 040 ECO	689 050 ECO	689 060 ECO	689 080 ECO	689 100 ECO	689 120 ECO	689 150 ECO	689 180 ECO	689 200 ECO
<b>Price</b>										

**661**



Kampala teak level for all sensitive surfaces, made of reproducible plantation wood. Oiled. Measuring accuracy in normal position 1.0 mm/m.

Length in cm	30	40	50	60	80	100
<b>Order no.</b>	661 030	661 040	661 050	661 060	661 080	661 100
<b>Price</b>						

**666**



Heavy-weight, trapezoid-shaped aluminium die-cast level with milled measuring surface. Level body with orange powder coating. Very high torsion-resistance. Measuring accuracy in normal position 1.0 mm/m.

Length in cm	40	50	60	80
<b>Order no.</b>	666 040	666 050	666 060	666 080
<b>Price</b>				

**665S/665**



Heavy-weight aluminium die-cast level with two milled measuring surfaces. Orange powder coating. Very high torsion-resistance. Grip holes for easy handling. Also available with 2 vials (in 40 and 60 cm) as 665. Measuring accuracy in normal position 1.0 mm/m.

Length in cm	40	60	80
<b>Order no.</b>	665 040	665 060	
<b>Price</b>			
<b>Order no.</b>		665 060 S	665 080 S
<b>Price</b>			

# Electronic Levels

## 602 LEVELTRONIC 2000

With the BMI LEVELTRONIC 2000 the times are over where you wished you had three hands and four eyes. Especially in difficult situations it plays on its advantages: during single-handed operation, when mounting heavy or spacious parts, in bad visibility or when working without direct eye contact. This adds to quality, time-savings and safety in the workshop. Measuring accuracy in normal position 0.5 mm/m.

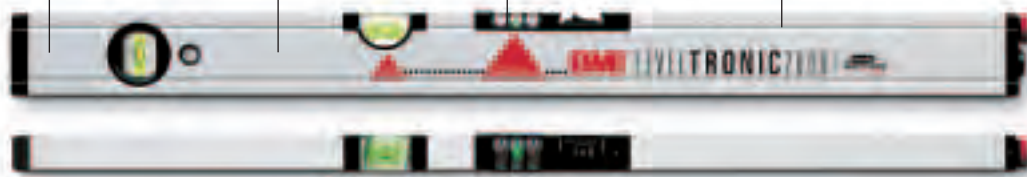
**Delivery:** in sturdy translucent 2-part threaded plastic tube. Batteries are included in the scope of delivery

Sturdy powder coated aluminium profile with milled measuring surface.

It can also be used conventionally with the vertical and horizontal vial.

**Optical signal:** Measurements can be taken in the darkness with 2 red and 1 green LED which indicate left or right deviation or "zero position".

**Acoustic signal:** Measurements can even be taken without eye contact with the aid of a switch-operated buzzer for "zero position".



Length in cm	60	80
Order no.	602 060	602 080
Price		



Indicates green within the range of ± 0.5 mm/m

## 601 Incl Tronic plus

Incli Tronic measures angles electronically and displays them in a digital mode. The measuring processor can be calibrated within seconds.

- Measuring angles in degree or per cent at the touch of a button
- Measurement display in 0.1° or 0.1 % steps.
- Arrows in the display indicate, in which direction the Incl Tronic is to be moved, in order to reach 0° or 90° position.
- By pressing the HOLD key, the current measurement value can be saved.
- Switch-operated buzzer for 0° or 90° position.

**Delivery:** in sturdy translucent 2-part threaded plastic tube. Batteries are included in the scope of delivery.

It can also be used conventionally with the vertical and horizontal vial.

Electronic inclinometer  
Accuracy at 0° and 90° ± 0.1°  
Accuracy at 1° to 89° ± 0.3°  
Battery: E-block 9 Volt 6LR61.  
**Very long operating period by big capacity of the batteries**

Sturdy powder-coated aluminium profile with milled measuring surface.

Also available with laser module  
**Order no.** 652 060 635 EW



Length in cm	60	80	120	180
Order no.	601 060	601 080	601 120	601 180
Price				

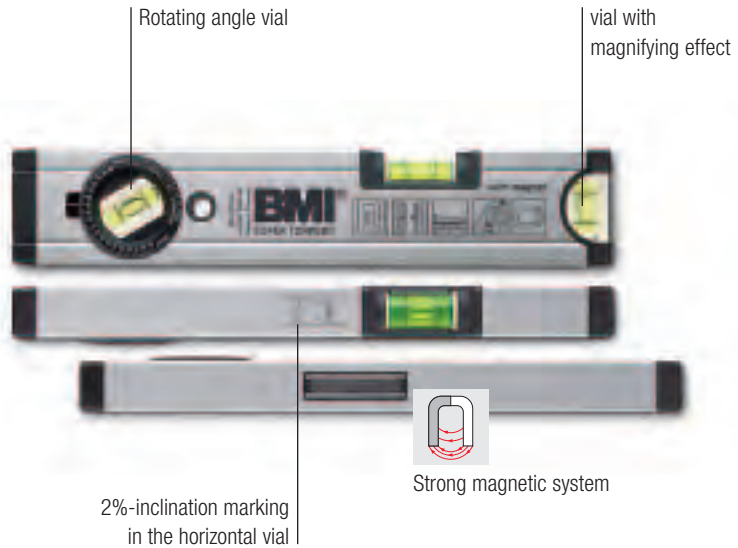


Measurement display in degrees or %

# Special Spirit Levels

## SUPERTORPEDO

This 25 cm small spirit level is a true "all-rounder" and fits in any tool box. It has a rotating vial in addition to a magnetic system for transferring angles. The horizontal vial has an additional marking for a 2% inclination.



<b>Length in cm</b>	<b>25</b>
<b>Order no.</b>	692 025 TWM-US
<b>Price</b>	

## 640 Transmission Level

Prismatically milled base, scraped faces, 1 horizontal and 1 vertical vial.  
Lengths 160 mm/200 mm/250 mm/300 mm.



Length in cm	160	200	250	300
<b>Order no.</b>	640 04160	640 04200	640 04250	640 04300
Sensitivity 0.04 mm/m				
<b>Price</b>				
<b>Order no.</b>	640 10160	640 10200	640 10250	640 10300
Sensitivity 0.1 mm/m				
<b>Price</b>				
<b>Order no.</b>	640 30160	640 30200	640 30250	640 30300
Sensitivity 0.3 mm/m				
<b>Price</b>				

## Special Purpose Levels

**645 Inclination Level**

Sturdy aluminium die-cast design with milled measuring face. Surface with orange powder coating. Rotating vial body with % and degree scale to transfer inclinations. Length 50 cm.

**Length in cm** 50

**Order no.** 645 050

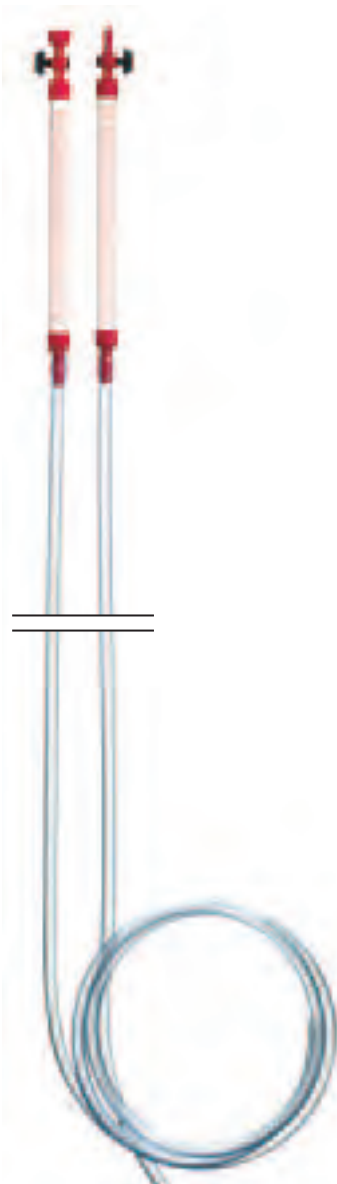
**Price**

**689 SW**

Hose level for an easy conversion of heights into distances (according to hose length). Plexiglass tube with cm-graduation, sturdy plastic fittings. Height 330 mm, reading height 150 mm, diameter approx. 20 mm.

**Order no.** 689 SW 20

**Price**

**647 S**

Transparent PVC hose matching 689 SW, diameter 10 mm.

Length in m	10	20	30	50
<b>Order no.</b>	647 S 10	647 S 10	647 S 10	647 S 10
<b>Price</b>				

## 680 Vials



Bulls-eye vial, Ø 14 x 8 mm  
**Order no.** 680 014 D  
**Price:**



Bulls-eye vial, Ø 40 x 10 mm  
**Order no.** 680 040 D  
**Price:**



Bulls-eye vial in aluminium frame,  
 Ø 30 x 11 mm  
**Order no.** 680 030 DFM  
**Price:**



Bulls-eye vial in plastic frame,  
 Ø 30 x 11 mm  
**Order no.** 680 030 DFK  
**Price:**



Bulls-eye vial with plastic flange,  
 Ø 80 x 12 mm  
**Order no.** 680 080 DFK  
**Price:**



Vial 36 x 15 x 15 mm  
**Order no.** 680 035  
**Price:**



Vial 55 x 15 x 15 mm  
**Order no.** 680 055  
**Price:**



Vial Ø 15 x 36 mm  
**Order no.** 680 036 R  
**Price:**



Vial 34 x 22 x 14 mm  
**Order no.** 680 034  
**Price:**



Vial 100 x 15 x 15 mm  
**Order no.** 680 100  
**Price:**

# Plastic Spirit Levels

## 670 POCKET

High-impact plastic pocket level.  
Plexiglass vials for horizontal and vertical measuring.  
Dimensions 100 x 35 x 13 mm.  
Self service packing.  
Packing unit: 10 items



**Order no.** 670 010 003

**Price**

## 671 NIVELLE

Pocket level made of high-impact ABS. Prismatic measuring plane.  
Plexiglass vial.  
Dimensions: 150 x 25 x 23 mm.  
Self service packing.  
Packing unit: 10 items

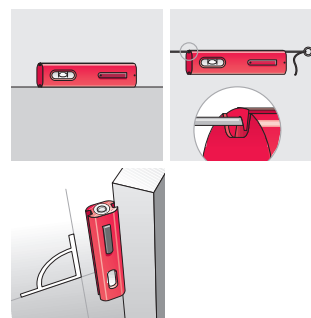


**Order no.** 671 015 003

**Price**

## 675 LINE-LEVEL

Line level made of ABS with clip.  
Eyelet to hook on to a levelling line, plexiglass vials.  
Dimensions: 120 x 29 x 17 mm.  
Self service packing.  
Packing unit: 10 items



**Order no.** 675 012 003

**Price**

## 676 Clamp-On Level

Clamp-on plastic level. Spring bands ensure safe fixing e.g. on straight battens. Plexiglass vial.  
Dimensions: 150 x 25 x 23 mm.  
Self service packing.  
Packing unit: 10 items



**Order no.** 676 015 003

**Price**

### 673/674M TRIVELLE

Torpedo level with 3 vials for horizontal, vertical and 45° measurements.

Dimensions: 200 x 42 x 17 mm.

Also available with powerful magnetic strip (674 M).

Self service packing.

Packing unit: 10 items

**Order no.** 673 020 003 674 020 003 M

**Price**



also available with magnet

### 682 INKLINAT

Inclination level with horizontal vial.

Additional rotating vial to transfer inclinations.

Drawing aid for 45°, 60° and 120°, with mm-graduation at the measuring plane.

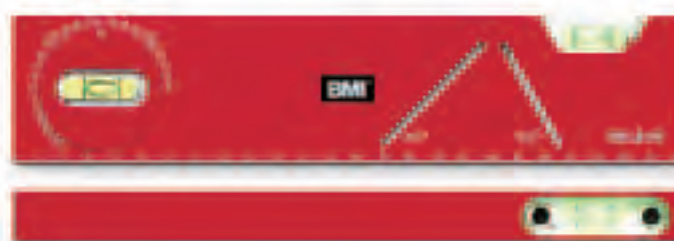
Dimensions: 255 x 55 x 19 mm,

Self service packing.

Unit: 10 items

**Order no.** 682 025 003

**Price**



### 683/684M UNIVERSAL

Inclination level with horizontal vial. Additional rotating vial to transfer inclinations. Drawing aid for 45°, 60° and 120°, with mm- graduation at the measuring plane. Also available with powerful magnetic strips (684 M).

Dimensions: 250 x 54 x 15 mm.

Self service packing. Packing unit: 10 items

**Order no.** 683 025 003 684 025 003 M

**Price**



also available with magnet

### 685/685M TORPEDO

Sturdy spirit levels made of reinforced fibre glass ABS- plastic. Round vials allows good readability. Magnet execution (685M) equipped with two strong disk magnets.

Dimensions: 250 x 43 x 22 mm.

Packing unit: 10 pieces

**Order no.** 685 025 003 685 025 003 M

**Price**



also available with magnet

# Aluminium Screeding Levels H- and Trapezoid-shaped Profiles

Please note: minimum order quantity 5 items for lengths from 2 m up

## 689 WL

Straight-edge made of aluminium profile. No vial.  
Box section approx. 100 x 18 mm.



Length in cm	Order no.	Price
150	689150 WL	
180	689180 WL	
200	689200 WL	
250	689250 WL	
300	689300 WL	
400	689400 WL	
500	689500 WL	

## 689 RL

Straight-edge made of aluminium profile with 1 horizontal and 1 vertical vial.  
Box section approx. 100 x 18 mm.



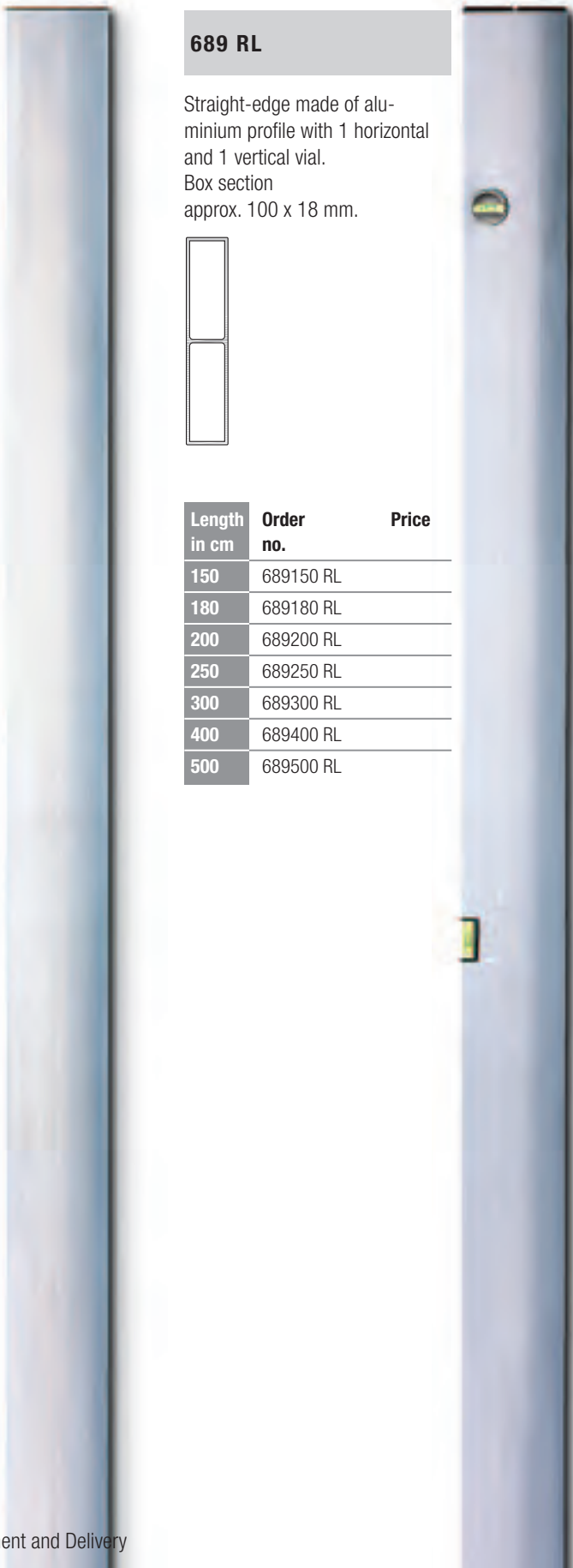
Length in cm	Order no.	Price
150	689150 RL	
180	689180 RL	
200	689200 RL	
250	689250 RL	
300	689300 RL	
400	689400 RL	
500	689500 RL	

## 689 RS

Straight-edge made of aluminium profile with 1 horizontal and 1 vertical vial. Box section approx. 100 x 18 mm with hand holds for easy handling.



Length in cm	Order no.	Price
150	689150 RS	
180	689180 RS	
200	689200 RS	
250	689250 RS	
300	689300 RS	
400	689400 RS	
500	689500 RS	



### 689 HK

For special applications, made of so-called H-profile.  
With reinforcement bead.  
Box section approx. 114 x 27 mm.



Length in cm	Order no.	Price
150	689150 HK	
180	689180 HK	
200	689200 HK	
250	689250 HK	
300	689300 HK	
400	689400 HK	

### 689 TK

Trapezoid-shaped aluminium profile.  
Box section approx. 98 x 18 mm.



Length in cm	Order no.	Price
150	689150 TK	
180	689180 TK	
200	689200 TK	
250	689250 TK	
300	689300 TK	
400	689400 TK	