









**STABILA®**   
**MADE IN GERMANY**

**Spirit levels**

	Type R Beam	Type 196	Type 96 M	Type 196 LED	Type 196-2 K	Type 106 T / 106 TM
						
Profile	Torsion-resistant 5-chamber 'R.' profile	Ultra-rigid aluminum rectangular profile reinforcing ribs	Ultra-rigid aluminum rectangular profile reinforcing ribs	Ultra-rigid aluminum rectangular profile reinforcing ribs	Ultra-rigid aluminum rectangular profile reinforcing ribs	3-chamber aluminum rectangular profile reinforcing ribs
Accuracy - top read	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"
Accuracy - bottom read	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"	± 3/64" @ 72"
End caps	Anti-slip stopper/ Shock-absorbing/ Removable	Anti-slip stopper/ Shock-absorbing/ Removable	Anti-slip stopper/ Shock-absorbing/ Removable	Anti-slip stopper/ Shock-absorbing/ Removable	Anti-slip stopper/ Shock-absorbing/ Removable	Standard
Lengths	24", 48", 72", 96"	16" through 96"	16" through 96"	24", 48"	16", 24", 36", 48"	6' » 10', 7' » 12'
<b>Additional features</b>						
Magnetic system	-	-	Recessed magnets	-	-	Type 106TM Recessed magnets
Lighting	-	-	-	2 LED Lights	-	-
Protection	-	-	-	-	Dead Blow Shields	-

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## STABILA levels are manufactured with German precision.

The quality built into our levels proves they will withstand the job site.

Tools need to perform on the construction site. You need to rely on your tools day in and day out. Just imagine this scenario one day on the job site: your spirit level accidentally falls from the scaffolding and takes a hard bounce. But when you retrieve it you notice its okay and just as accurate as it was the first day it was purchased. That is the STABILA quality!

STABILA spirit levels are constructed with a fixed molded vial which measures absolutely accurately even under demanding conditions – no readjustment necessary. For this reason craftsmen worldwide trust our spirit levels.

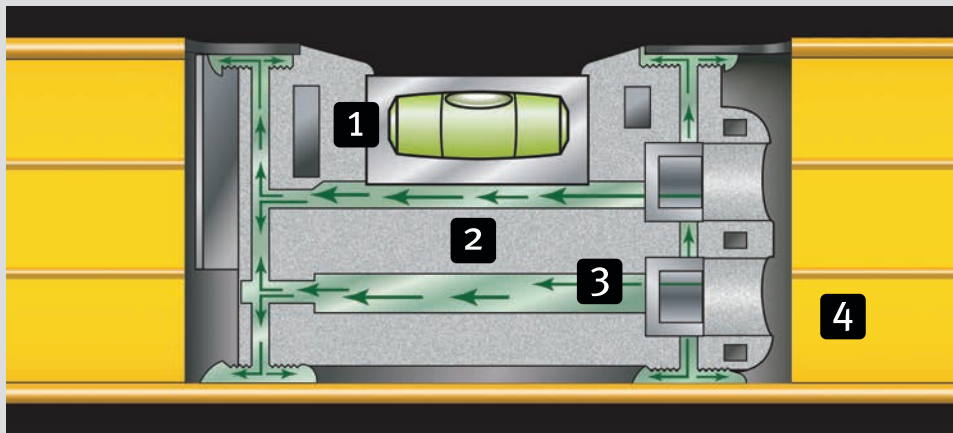
At STABILA, we offer craftsman a variety of levels specific to their trade: depending on their requirements and trade needs we have manufactured levels ranging from - lightweight or rugged, short or long, and levels which were designed for a particular trade.

Spirit levels						
	Type 80 T	Type 80 AS-2 / 80 AS M-2	Type 70 A	Measuring Stick	Torpedoes	Pocket Levels
						
Profile	Smooth aluminum rectangular profile	Aluminum profile with reinforcing ribs	Smooth aluminum rectangular profile	Smooth aluminum rectangular profile	Die-cast aluminum	Plastic profile with aluminum housing
Accuracy - top read	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"	± 1/32" @ 72"	± 1/16" @ 60"
Accuracy - bottom read	± 3/64" @ 72"	± 3/64" @ 72"	± 3/64" @ 72"	± 3/64" @ 72"	± 3/64" @ 72"	–
End caps	Anti-slip wall grips	Anti-slip wall grips	Standard	Anti-slip wall grips	–	–
Lengths	24" » 40", 36" » 58"	8" through 72"	24", 48"	24", 48"	10"	1 5/8" x 2 5/8"
Additional features						
Magnetic system	–	Recessed magnets	–	–	25100, 25245, 25360	Rare-earth magnet
Extension	Telescopic system	–	–	–	–	–
Measure	Printed scale	–	–	Printed scales	–	–



## Engineered with micrometer precision

When STABILA spirit levels are manufactured, vials, vial block holders, and measuring surfaces are adjusted precisely to each other before being permanently bonded together with synthetic resin. STABILA's meticulous production processes ensure all components are parallel and unshakably aligned to one another so that spirit levels measure accurately after many years of rugged use.

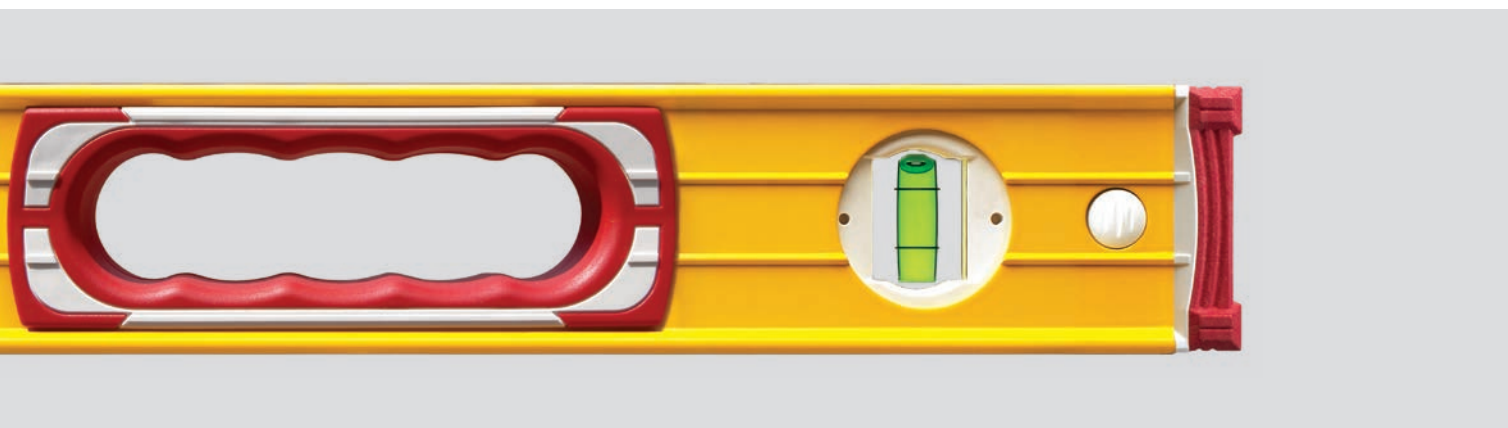


## STABILA installation technology

The unique installation technology ensures long-term accuracy. In a special casting process, the components of the spirit level are firmly bonded forever. You can trust that your spirit level will maintain its accuracy for life. It remains accurate, just as it was on the first day. No readjustments, no doubts. Always accurate measurements – even under the most difficult job conditions.

- 1** Vial
- 2** Vial Block Holder
- 3** High Strength Epoxy
- 4** Level Frame





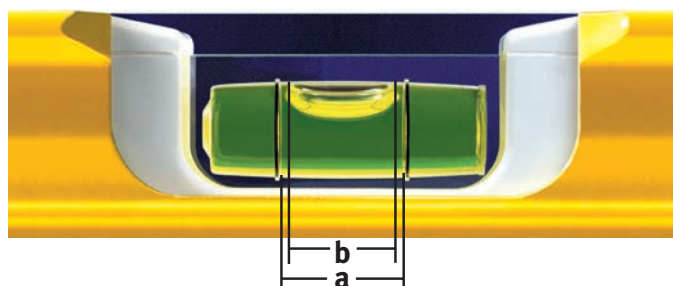
## STABILA vials

The vial block is made of high-quality, shatterproof and easy-to-clean acrylic glass. The exterior surfaces must be as flat as possible to prevent light refracting when reading the vial. The interior walls of the vial are precision-ground and the corrosion-free reference rings are flush with the surface - this allows the vial bubble to move freely and unhindered, ensuring maximum measuring precision.



**Anti-static factor:** STABILA vials prevent the movement of the vial being influenced by static loading or mechanical influences.

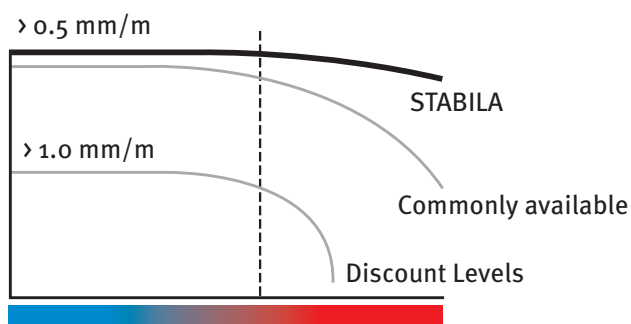
**UV protection:** The fluorescent vial liquid has high resistance against UV rays. This prevents the liquid from fading. The color contrast allows for good readability in all types of light.



## Optimum readability

STABILA spirit levels are extremely temperature-resistant. The bubble size and reference rings are designed to ensure optimum readability, even at high and low temperatures. This guarantees exact readings from  $-20^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ . The size of the vial bubble is always within the reference rings; from (a) at  $-20^{\circ}\text{C}$  to (b) at  $50^{\circ}\text{C}$ .

## Temperature-stable



## Type R Beam

- STABILA's strongest, twist-resistant R-frame built for the most demanding job sites.
- Extra wide measuring surface for increased stability – no tip overs.
- Three straight edges for marking and cutting.
- Continuous grip over the entire length.
- Bridge over the horizontal vial increases the strength of the frame.
- Easy to clean fender smooth finish.
- Shock absorbing endcaps protect frame when dropped.
- STABILA vial installation technology delivers long-term accuracy.



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## Type R Beam - Specifications

Type
Accuracy - top read
Accuracy - bottom read
Vial type
End caps
Special feature
Length
24"
48"
72"
96"
R BEAM® 3 Level set & case



R Beam
1/32" @ 72"
1/32" @ 72"
1 x horizontal 2 x vertical
Anti-slip end caps / Shock absorbing / Removable
Strong R-Beam frame
Part No.
41024
41048
41072
41096
48410

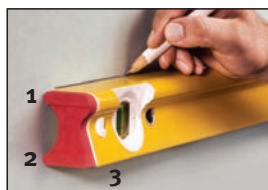
### Application / Additional features



**Extremely durable:**  
Twist resistant five-chamber "R" frame. Developed for the most demanding jobs.



**Extremely stable:**  
Extra wide measuring surface. High level of protection from tipping over.



**Precision marking:**  
3 accurate marking and cutting edges over the full length.



**Continuous grip:**  
Handrail with finger hold over the full length. Continuous bridge over the horizontal vial.



**Removable end caps:**  
Allows exact positioning and transferring lines tight into corners.

## Type 196 / 96 M / 196 LED

- Strong aluminum profile with reinforcing ribs – for stability and secure hold.
- End caps with an anti-slip feature – for a firm grip when marking walls.
- Shock absorbing endcaps protect frame when dropped.
- Removable end caps allow exact positioning and marking right up into corners.
- Easy to clean.
- Spirit level with two precision-milled measuring surfaces. (up to 48", coated from 72")
- STABILA vial installation technology ensures long-term accuracy – suitable for measuring in normal and upside down positions.



## Type 196 / 96 M / 196 LED - Specifications

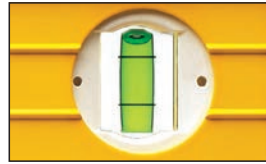
Type	196	96 M	196 LED
Accuracy - top read	1/32" @ 72"	1/32" @ 72"	1/32" @ 72"
Accuracy - bottom read	1/32" @ 72"	1/32" @ 72"	1/32" @ 72"
Vial type	1 x horizontal 2 x vertical	1 x horizontal 2 x vertical	1 x horizontal 2 x vertical
End caps	Anti-slip / Shock absorbing / Removable	Anti-slip / Shock absorbing / Removable	Anti-slip / Shock absorbing / Removable
Special feature	-	Rare-earth magnets	2 LED Lights
<b>Length</b>	<b>Part No.</b>	<b>Part No.</b>	<b>Part No.</b>
16"	37416	38616	-
24"	37424	38624	39324
32"	37432	38632	-
36"	37436	38636	-
48"	37448	38648	39340
58"	37459	-	-
48" & 16" Classic Combo	37816	-	-
58" * & 32" Tiler Set	37832	-	-
72" *	37472	38672	-
78" *	37478	38678	-
78" & 32" Jamber Set	37540 w/ 80T	38532 Mag. Jamber® Set	-
96" *	37496	38696	-
96" & 48" Framer Set	37896	-	-
72" Complete Set	29872	-	-
78" Complete Set	30025	-	-
3 Level set & case	48370	48380	-



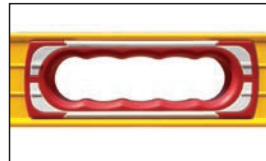
\* Levels ≥ 58" have a continuous bridge over the horizontal vial.



**Application / Additional features**



**Type 196 and Type 96 M:**  
For progressive contractors who subject their tools to extremely demanding conditions and need to measure in all positions – for example: bricklaying, carpentry, concrete, window installation, road construction, and landscaping.



**Type 196 and Type 96 M:**  
Dual material handholes for comfort and grip.



**Type 96 M: Rare-earth magnet system** - for extra-strong grip to metal objects. The magnets in the 78" level are positioned to grab hinge leaves in pre-hung doors.



**Vials read the same in all positions**



**Type 196 LED:**  
For craftsmen who often work in dark or in poor visibility conditions.



**Type 196 LED:** Removable battery replacement packs.