

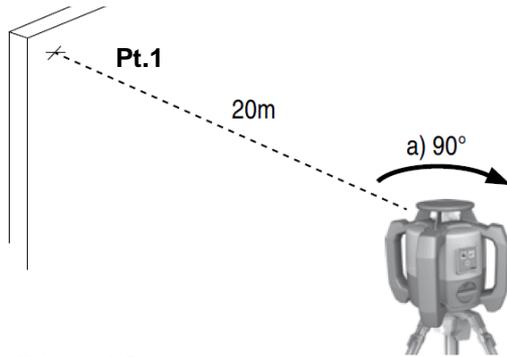
Accuracy Check Rotating Laser: Horizontal level

(see also operating instructions)

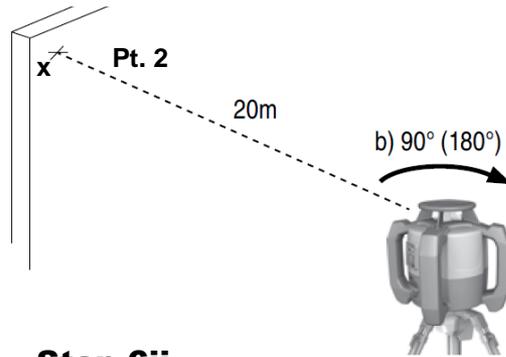
PR 2-HS, PRE 3, 30-HVS, PR 35

1. Set up the tripod approx. 20 m from a wall and level the tripod head with a spirit level.
2. Mount the tool on the tripod and use the aiming notch to aim the tool at the wall.
3. Use the laser receiver to catch the laser beam and mark a point (point 1) on the wall.
4. Pivot the tool clockwise through 90° about its own axis. In doing so, ensure that the height of the tool does not change.
5. Use the laser receiver to catch the laser beam and mark a second point (point 2) on the wall.
6. Repeat steps 4 and 5 twice and mark points 3 and 4 on the wall with the aid of the laser receiver.
7. When this procedure is carried out carefully, the vertical distance between the two marked points 1 and 3 (main axis) or, respectively, points 2 and 4 (transverse axis) should be less than **X mm (at 20 m)**.
8. If the deviation is greater than this, the tool should be returned to a Hilti Service Centre for calibration.

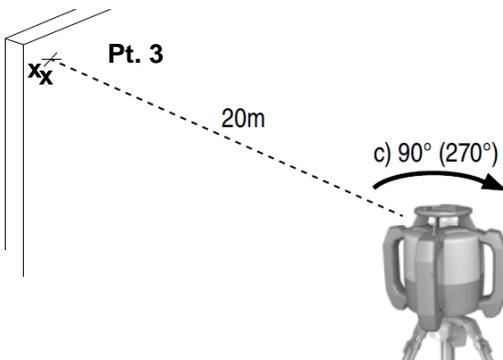
Step 1-3



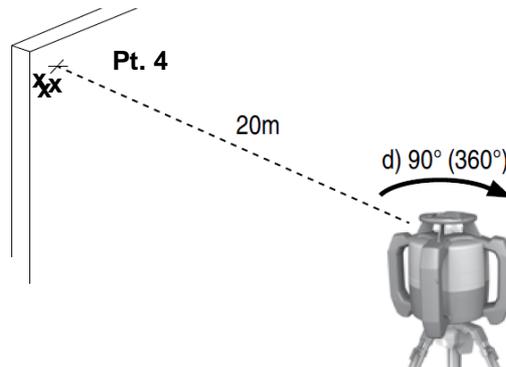
Step 4-5



Step 6i



Step 6ii



Tolerance value of accuracy check for Hilti Rotating laser at 20m distance:

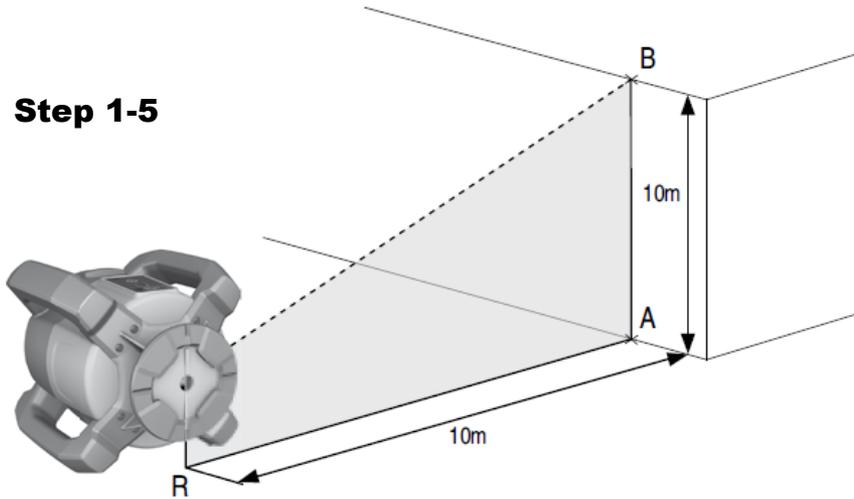
(i) PR 2-HS, PRE 3 : X = 2mm (ii) PR 30-HVS, PR 35: X =3mm



Accuracy Check Rotating Laser: Vertical level

(see also operating instructions)

Step 1-5



PR 30-HVS, PR 35

1. Place the tool in the vertical position on a flat floor approx. 10 m from a wall.
2. Adjust the position of the tool so that the grips are parallel to the wall.
3. Switch the tool on and mark the reference point (R) on the floor.
4. With the aid of the receiver, mark point (A) low on the wall.
5. With the aid of the receiver, mark point (B) at a height of approx. 10 m.
6. Pivot the tool through 180° and realign it with the reference point (R) on the floor and with point (A) at the base of the wall.
7. With the aid of the receiver, mark point (C) at a height of approx. 10 m.
8. Check the distance between points (B) and (C). When the procedure has been carried out carefully, the horizontal distance between the two points (B) and (C) marked at a height of 10 meters should be less than **1.5 mm (at 10 m)**.
9. If the deviation is greater: Please return the tool to a Hilti Service Centre for calibration.

Step 6-8

