

ERA

BS-INV ERA Invincible High Security 3* Cylinder Fitting Instructions

User Statement:

This cylinder offers resistance to the commonly used types of attack. No specific security hardware is required but installing this three-star cylinder in conjunction with security hardware complying with TS007 will increase attack resistance still further.

Security hardware can be of several types, including a handle with a reinforced backplate, an escutcheon or a device which is concealed behind the handle backplate. In all cases, the purpose is to protect your cylinder from forced attack.

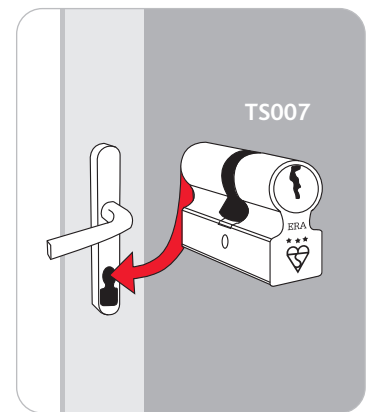
Installing an Invincible 3* Cylinder

To fit a high security cylinder you will require:

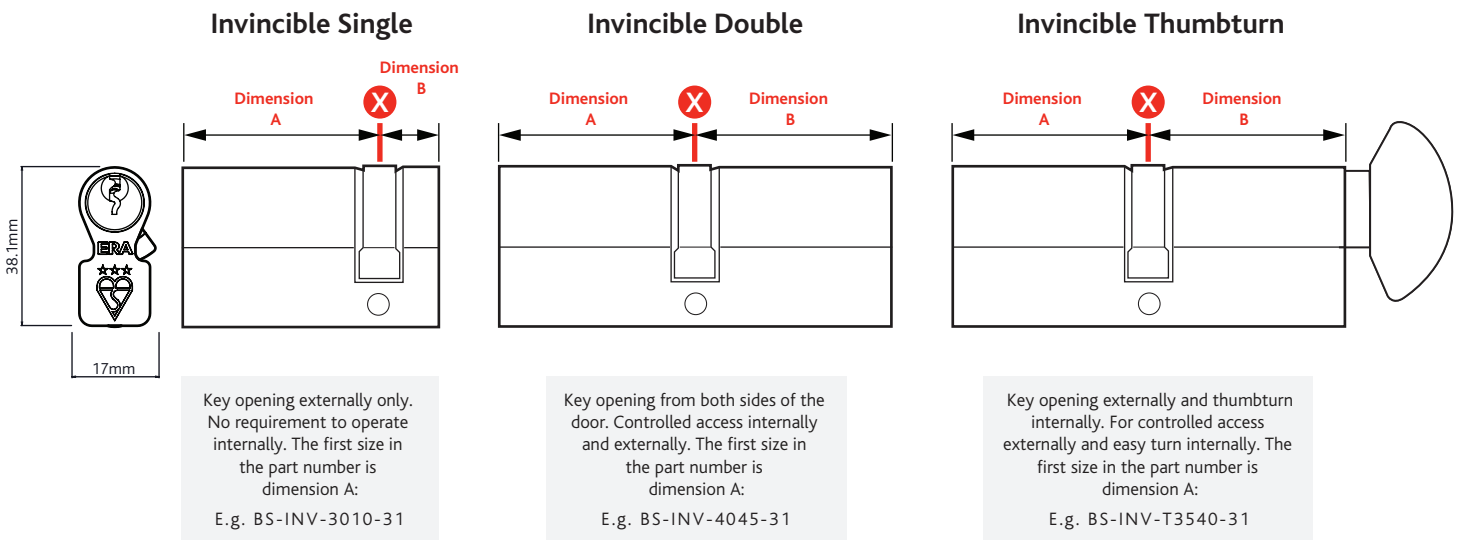
Screwdriver



Ruler



When installing a new cylinder it is important to select the correct size and style of cylinder for your door. You need to measure accurately to ensure that the new cylinder is the correct size for the lock and the external half is long enough to sit flush against the external handle when fitted, without too much of the cylinder protruding (maximum of 3mm).



How to measure a Cylinder

If the cylinder has been removed, using a ruler, measure from the centre of the cam **X** to the edge of the cylinder on the Internal side and then measure from the centre of the cam **X** to the edge of the cylinder on the External side in mm. **Note:** Your cylinder may be longer on one side than the other. E.g. 37mm Internal and 40mm External. You do not need to measure the internal side on a Single cylinder. **To measure a cylinder, whilst still in the door,** using a ruler, measure from the centre of the screw hole to the end of cylinder (see diagram overleaf). The internal measurement is the centre to the edge of the cylinder which is inside facing. The external measurement is the centre to the edge of the cylinder which is outside facing.

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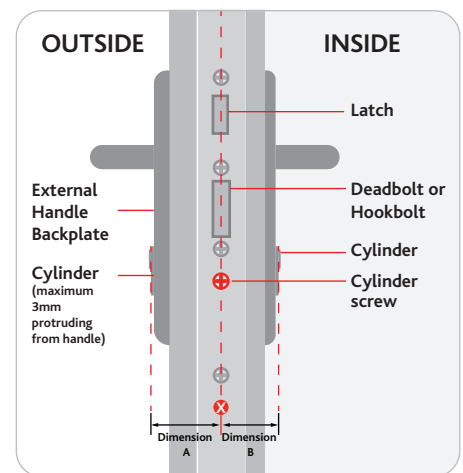
How to change a cylinder on a PVCu or Composite door

To remove your existing cylinder, open the door. On the open edge of the door look for the larger screw which falls in line with the bottom of the cylinder and remove screw. With the key inserted into the cylinder, turn slightly while pulling to enable the cylinder to be removed from the door.

Measure each side of the existing cylinder in mm (see overleaf), be sure to note which is the internal and external side of the cylinder to ensure you get the correct size.

Purchase your new ERA Invincible High Security 3* Cylinder.

To fit the new cylinder, you **MUST** firstly ensure that the external side of the cylinder (as per your measurements) is facing outside the property. With the key inserted into the cylinder, slightly turn, so the cam is positioned centrally to allow the cylinder to slide easily into the door. Secure the cylinder in position with the screws provided (these may need to be cut down to size) and test operation using the key.



Maintenance

Wipe the surface periodically with a soft cloth to remove excess grease or moisture. Please only use a non-acidic oil such as '3 in 1 oil', avoid using lubricants such as WD40.

Classification

The ERA Invincible high security 3* cylinder carries the British Standard 3* Kitemark TS007-1:2014+A2:2018 and BS EN 1303:2015 accreditations.

Classification:

Category Of Use	1
Durability	6
Door Mass	0
Suitability of Fire resistant / Smoke Control Doors	0
Safety	0
Corrosion	C
Key Related Security	6
Attack Resistance	0