

separated by about 4 cm. Since it's highly radioactive, the best way do it is to ask the friend owning the small country to let you use one his facilities. You could use a nuclear plant, a steel factory or even a well equipped pharmaceutical installation as a disguise for your plans. It is not sufficient to pack explosive into a spherical shell around the tamper and detonate it simultaneously at several places because the tamper and plutonium pit will simply squeeze out between the gaps in the detonation front. Instead, the shock wave must be carefully shaped into a perfect sphere centered on the pit and traveling inwards. This is achieved by using a spherical shell of closely fitting and accurately shaped bodies of explosives of different propagation speeds to form explosive lenses. After a few careful calculations, all you need now is to carefully pack and transport your nuclear bomb to the targeted location. If you happen to be an Al-Qaeda fan, you should try to infiltrate a military facility, for the psychological effect. Watch it, though, they are usually well guarded!

Step 4 - Disguising the bomb and placing it for detonation

The smallest nuclear warhead deployed by the United States was the W54, which was used in the Davy Crockett recoilless rifle; warheads in this weapon weighed about 23 kg and had yields of 0.01 to 0.25 kilotons. This is small in comparison to thermonuclear weapons, but remains a very large explosion with lethal acute radiation effects and potential for substantial fallout. It is generally believed that the W54 may be nearly the smallest possible nuclear weapon, though this may be only smallest by weight or volume, not simply smallest diameter. The best way to disguise it would be in the form of an ordinary appliance, like a copier, a widescreen TV set, or any other inconspicuous electronic device. Now, all you have to do is transport it to the selected location and get to a safe distance of a few tens of miles, but not far enough to get out of the range of the remote detonator. That is why a cellphone is strongly recommended for its wide range capabilities.