

# Rounded his eyes to see the bullet shatter when shot at the glass of 'Dutch tears'

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1. Why do you smash the glass bottle with your hand, the bottom part breaks?
2. Startled with the terrifying damage of the glass warhead

Prince Rupert's drop - Prince Rupert's drop is a form of reinforced glass with great stress, so they have very strange properties. It is made by dripping hot glass into cold water, making glass beads shaped like water droplets and long tails like tadpoles.



The first part of the glass droplet has a very high hardness, even if it is not broken by a bullet or under a hydraulic press.

But this "impenetrable" structure has a weak point, which is the long tail part. As long as the tail is slightly damaged or shaken, a small force of impact can also cause the glass block to crumble.

Destin Sandlin, an American engineer, recorded the process of testing the durability of his exciting "Dutch tears" glass droplet. He used a shotgun to fire a .22 Magnum bullet (size 5.58 mm) and a .38 Special (size 9.65 mm) into this special glass from close range.

The .22 Magnum bullet with a head velocity of 570 m / s, was broken into small pieces while the glass tablet remained intact even without being scratched.

And the .38 Special bullet was also broken after a collision, it just shot the glass away, but it could not break the glass.

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