

## Litelok X1

£149.99, [litolok.com](http://litolok.com)

The British-made Litelok X1 is the cheapest and lightest of the locks here. The slim shackle and shallow cladding mean it has still has reasonable shackle space to cope with large-diameter frame tubes or locking options. It's rated Diamond by Sold Secure for both cycles and motorbikes.

The paint-friendly, soft rubber coating has reflective details and the silicone key cover is very weatherproof. You get two keys and a neoprene pouch included, with the Tactical or Twist-and-Go frame mounts available as extras. Litelok also runs various bundle deals, as well as bulk offers if you're buying for a club, workplace or family.

In testing, I was able to cut through the Barronium composite armour shackle in two minutes and 38 seconds, with a couple of readjustments. The disc was toast, however, and the anti-twist design means you'd need to swap to a fresh one to cut through the other side before being able to take the bike. **Weight:** 1,734g. **Shackle size:** 197x101mm. **Overall cut time:** 158 secs to get through one side.

★ **Light, affordable UK-made lock that offers reasonable resistance against grinders**



## OnGuard Rocksolid 8950

£199.99, [onguardlock.com](http://onguardlock.com)

The OnGuard Rocksolid is the lightest lock in the test by over 200g but it's also the narrowest and one of the shortest. So if there are big tubes on your bike or locking spot, it might be a struggle to fit both in. A 'proprietary blend of ultra high-strength materials and multi-layered defence system' gains it a Sold Secure Diamond rating.

The thick rubber cover on the shackle and body protect paintwork, and also display the highly textured face of the steel inner core. You don't get a bracket included but you do get no fewer than five keys, which is great for family or workplace use.

The textured finish uses a similar coating to most cutting discs, and I've seen some tests where the disc wears down without even damaging the lock. In my test, I had to change the disc after 40 seconds, which would add at least 30 seconds to the attack. It was another 26 seconds before I was completely through but, again, the anti-twist design means you'd need to get through both sides for a full release. **Weight:** 1,428g. **Shackle size:** 176x82mm. **Overall cut time:** 66 secs + 1 disc to get through one side.

★ **Very light, paint-friendly lock but security seemingly depends on the disc used**

## Hiplok D1000

£249.99, [hiplok.com](http://hiplok.com)

Hiplok was the first brand to bring out a specific anti-grinder lock, and it was the cheapest lock that I gave up trying to get through. While the D1000 is the shortest lock here, Hiplok also makes a D1000X, which has a longer shackle.

A significant amount of space is taken up by the super-thick rubber, which makes it very paint friendly, and there's a thick rubber tongue over the lock mechanism. It's Diamond rated and you get a 10-year 'lifetime' warranty and three keys. Brackets are extra. Note that Cycling UK members get 20% off Hiplock products (see [cyclinguk.org/hiplok](http://cyclinguk.org/hiplok)).

Hiplok uses a 'specialist composite material technology' for the shackle, which toasted three discs in 30, 50 and 30 seconds respectively. The thick rubber meant the latter two shredded as well, which certainly scared me – and would likely do the same to a thief. Even after a combined cut time of almost two minutes I was only halfway through when I cut the rubber away to check. So you're looking at over five minutes with disc swaps to even think of breaching one side. **Weight:** 1,917g. **Shackle size:** 155x92mm. **Overall cut time:** 110 seconds + 3 discs to get halfway through one side.

★ **Relatively light lock in two shackle-size options. It toasts discs fast enough to defeat most grinder attacks**

