



## MSA Carabiners

---

The purpose of this letter is to provide a detailed explanation regarding the machined groove on the gates of some MSA locking carabiners.



The attached picture shows two of the same type of carabiner (P/N 10089207). The bottom gate is normal. The top one has had some of the knurling ground off in order to show the full width of the machined slot.

These carabiners are designed to be self-closing and self-locking. These features are controlled with internal springs. The slot shown in this picture is intentionally machined into the barrel of the gate to provide an attachment point for the spring that controls the rotation of the barrel.

The barrel also has a knurled, or checkered pattern, machined into it. This creates a rough edge to the machined slot that anchors the internal spring. We have received some questions about the visual appearance of this slot and whether it is actually a crack. As explained above, the appearance is the result of a machined surface and is typical of many different carabiners.

MSA North America  
Corporate Headquarters  
1000 Cranberry Woods Dr.  
Cranberry Township, PA 16066  
800.MSA.2222  
[www.MSAafety.com](http://www.MSAafety.com)