



## MIM components for locking technology

### Field of Application:

The so-called locking disc latches and unlatches high-quality safer locking systems, which are found in safety guards and doors in all kinds of production machines to ensure safe operation without interference of the operator.



### MIM locking components:

High-quality MIM alloys are sought-after when there are high requisites for the load capacity of safety switches, which cannot be fulfilled by simple cast parts, for example. In addition, these parts prove to be a considerably more economical alternative, compared to parts produced using other processes, due to the fact that expensive work steps are dropped.

### MIM Materials:

Due to the high requirements regarding stability and load capacity, these MIM locking components are produced using the stainless steel 17/4PH. Depending on its application, one must decide which material is to be used and if it must be additionally hardened.



### Part Specifications:

- Material: 17/4PH
- Weight: 7.72g
- Surface Roughness: Ra 0.8
- Size:  $\varnothing 29 \times 4.8$  mm
- Annual quantity: 90'000 pieces
- Post-processing: not necessary