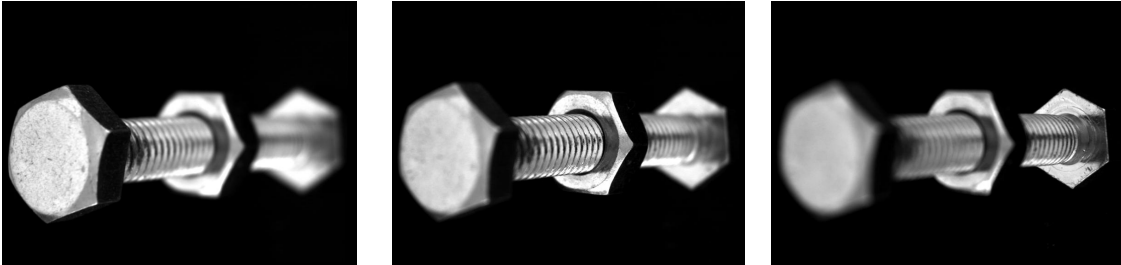


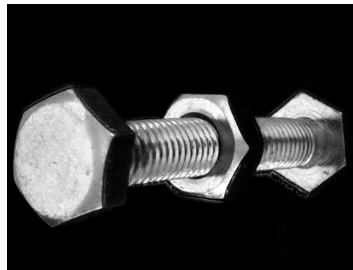
mvIMPACT Focus

Focusing is an important aspect of image quality. Sharpness is a synonym of preservation of image details, allowing finer inspection for a given resolution.

When the objects looked at have an extended depth range, it can be difficult to get a sharp image at every place simultaneously. This issue is related to the limited depth of field a lens can achieve for a given aperture.



Depth of field blur



Calculated full focused image

The Focus module reconstructs sharp images from a set of blurred ones: multifocusing. This technique ensures the best image quality even in cases of deep scenes or low lighting conditions.