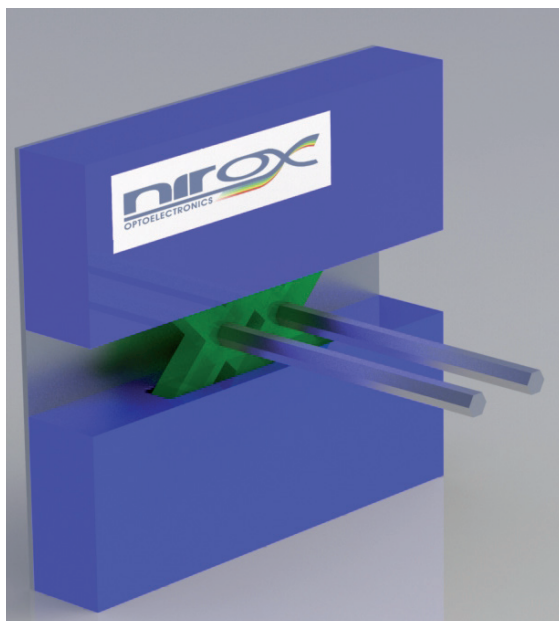


MIBline

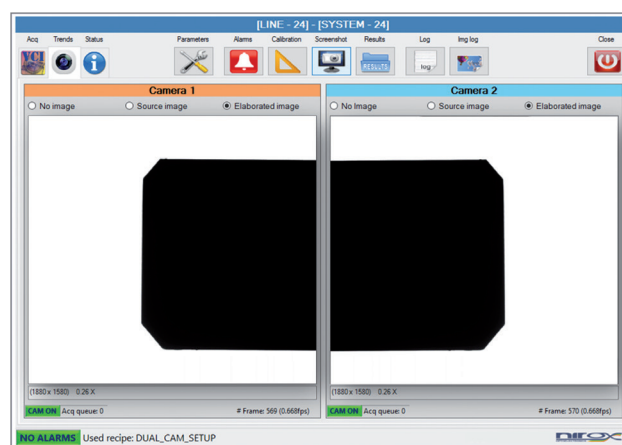
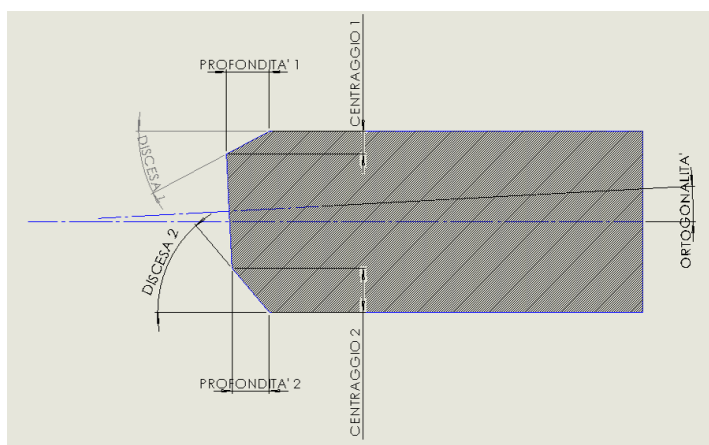
BARS AND TUBES - INLINE DIMENSIONAL CONTROL OF BEVEL OR CHAMFER



Bevel, or **chamfer**, is a key finishing process of **bars and tubes** to **prepare the ends for subsequent processing**. The continuous evolution towards automation of machining requires more and **more product controls** in order to **avoid interruptions** in the processing chain.

The **dimensional control** of this machining is carried out by our **MIBline** vision system:

- **Double cross camera for bevel centering**
- **Specific optics** for dimensional measurements, **without need for recalibration**
- **Measurement of all the bevel geometry** according to cad drawing, in particular of **length and centering**



APPLICATIONS

- production plants for metal bars
- round, square, hexagonal sections of bars
- steel, aluminium and brass bars
- no limitation to the type of metal

ADVANTAGES

- **100% 24/7 inspection** of production
- **objective quality control**, non-dependant on the operator
- **machine vision inspection**
- **production reporting**
- **quick and easy installation** in existing production line
- **synchronization** with the line for **product sorting**