

## The Importance of Surface Finish

### HC4 Diaphragm Valves

In hygienic process applications, system integrity and ease of cleaning/sterilization is dependant upon valve design and internal surface finish.

A smooth surface finish reduces the risk of system contamination, and increases the speed of cleaning and sterilization.

HC4/001/01/11.02

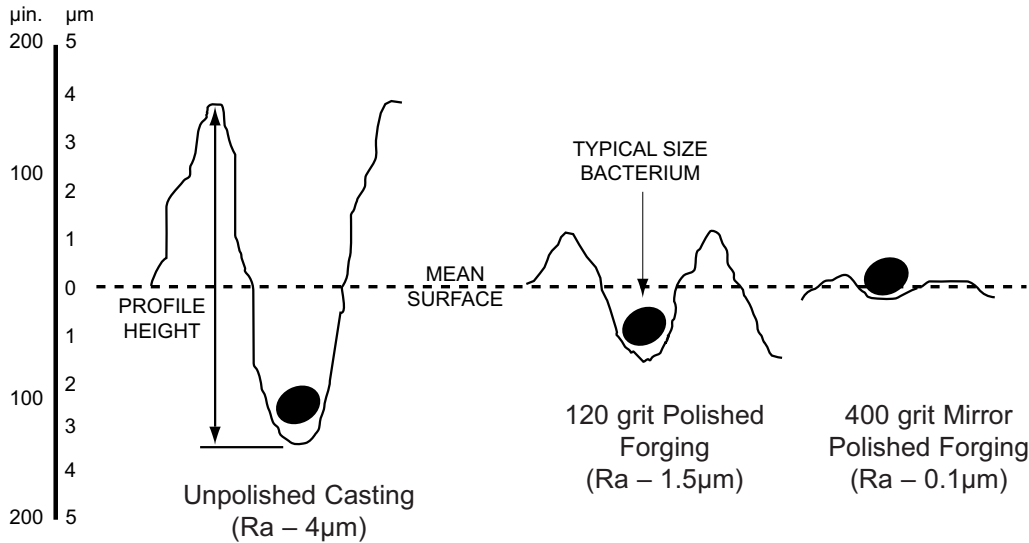


Fig. 1 Diagrammatic comparison of the size of microroughness of stainless steel valve bodies with the size of a microbial cell.

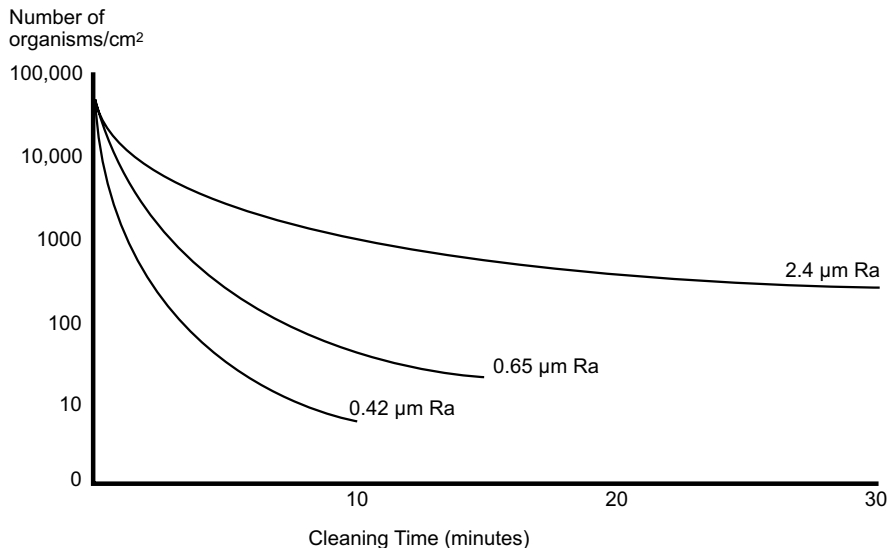


Fig. 2 The effect of surface finish on cleaning time.