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Passivation of corrosion-resistant stainless-steel fasteners

*Passivation des éléments de fixation en acier inoxydable résistant à la
corrosion*



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Foreword

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ISO 16048 was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 1, *Mechanical properties of fasteners*.

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Introduction

In the preparation of this International Standard special attention has been given to the fundamental fact that a surface film of chromium oxide is immediately formed when producing stainless steel or products made of stainless steel. It is this very thin oxide film which can be thickened by passivation. The thickness of the layer is about 0,002 μm .