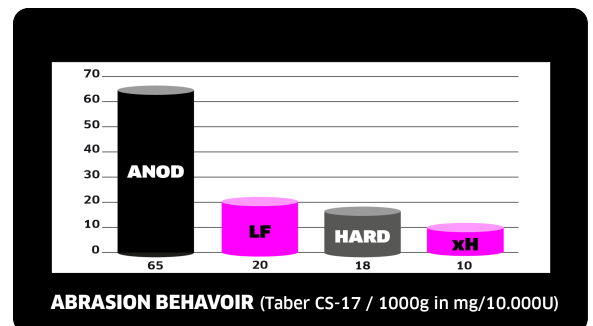


ANODIZING

Aluminum is naturally soft and insufficiently protected against weathering and mechanical stress. An anodized coating provides significantly increased scratch resistance as well as excellent corrosion protection with very good dimensional stability. We also process aluminum alloys such as AlZnMgCu1,5, AlMgCuPb, AlCuMg1-2 etc., which are considered to be poorly or non-anodizable. However, they are preferred by mechanical workshops due to their good machinability and strength. Our strength lies in the surface treatment of high-quality items for precision mechanics, mechanical engineering and motor racing. To ensure color reproducibility, we have state-of-the-art spectrophotometers at our disposal. The anodizing parameters of each individual alloy are individually parameterized by us. We finish high-performance materials using special processes. This means that we are also able to anodize these in outstanding quality. As anodized layers are microporous, colour pigments can be incorporated according to customer requirements. During the final sealing, the dyes are sealed in and the material achieves maximum corrosion protection. We use our **NiMag**[®] process (nickel cold impregnation + magnesium mid temperature seal) to achieve maximum UV stability. Our standard color range includes black, red, blue, green, titanium, orange, violett and gold. Special colors are available on request.



ANODIZING

increased hardness / 250-300 MHV 0.25 (7075-T6)

extremely decorative surfaces

matt or glossy finish possible

significantly improved scratch resistance

very good corrosion protection

electrical insulation

