

Alloy	Usage
EN AW-1050A	<p>It is the most pure form of aluminium and the most common plate alloy. The alloy has a good property regarding bending and welding, and it is suitable for surface treatment. It contains 99.5 % aluminium, and they mainly produce it in thickness from 0.5 mm - 6 mm.</p> <p><u>EN AW-1050A DDO:</u> It contains 99,5% aluminum and is produced in a very soft temper, making it suitable for deep drawing applications. Mainly produced in thickness 1,00 mm, 1,25 m, 1,05 mm and 2,00 mm.</p>
EN AW-2007	<p>A copper alloy that typically contains between 4.0 and 5.0 % copper, and it is suitable for producing machine parts, bolts and rivets. It looks very much like EN AW-2011, but it is yet a bit harder. It is a short-chipped alloy, which is suitable for treatment, threads and high machining speeds. The alloy has a low corrosion resistance and is not suitable for welding because of the high content of copper. It is not approved by the ROHS.</p>
EN AW-2007 Cast	<p>Like EN AW-2007, but with less tensions and thus more form stabile.</p>
EN AW-2011	<p>A copper alloy that typically contains between 4.0 and 5.0 % copper, and it is suitable for producing machine parts, bolts and rivets. It looks very much like an EN AW-2007, but it is a bit softer. It is a short-chipped alloy, which is suitable for treatment, threads and high machining speeds and gives a shiny surface after treatment. It has a high strength against metal fatigue. The alloy has an inferior corrosion resistance, and it is not suitable for welding because of the high content of copper. It is possibly approved after the ROHS.</p>
EN AW-2014	<p>A copper alloy that typically contains between 4.0 and 5.0 % copper. It is a short-chipped alloy, which is suitable for treatment, and it has a high strength and is thereby as EN AW-2011 and EN AW-2007. It is harder than an EN AW-2011. Typically, you use the alloy for military purposes and for the aviation industry. It is approved after the ROHS.</p>
EN AW-2017A	<p>A copper alloy with a high content of copper. It is a short-chipped alloy, which is suitable for treatment. The alloy has a low corrosion resistance, and it is not suitable for welding because of the high content of copper. It is not suitable for decorative anodising</p>
EN AW-2024	<p>A copper alloy with high content of copper. It is a short-chipped alloy, which is suitable for treatment. The alloy has a low corrosion resistance, and it is not suitable for welding because of the high content of copper. It is not suitable for decorative anodizing.</p>

EN AW-3003	Eine Manganlegierung mit hoher Korrosionsbeständigkeit. Die Legierung hat eine durchschnittliche Festigkeit und eignet sich zum Schweißen und Biegen.
EN AW-3005	A manganese alloy with a high corrosion resistance. The alloy has an average strength and is suitable for welding and bending.
EN AW-3103	A manganese alloy with a high corrosion resistance. The alloy has an average strength and is suitable for welding and bending.
EN AW-3103 Stucco	
EN AW-3105	A manganese alloy with a high corrosion resistance. The alloy has an average strength and is suitable for welding and bending.
EN AW-5005	It is good for machining and bending and has a high corrosion resistance and good for welding. The alloy is very suitable for decorative anodizing.
EN AW-5005 (Composite Panel)	Er god til bearbejdning og bukning, og har en høj korrosionsbestandighed
EN AW-5005A	It is good for machining and bending and has a high corrosion resistance and good for welding. The alloy is very suitable for decorative anodizing.
EN AW-5019	
EN AW-5052	It is easy processing and has a high corrosion resistance and good for welding. The alloy is not suitable for decorative anodizing.
EN AW-5083	It is sea water resistant and has an average strength, high corrosion resistance and good for welding Medium for anodizing
EN AW-5083 Cast	A moulded and less tensed alloy and its extremely suitable for machining. We stock the alloy with two different surfaces. One with surface milling cut and foil, and suitable, when no finish of the thickness is needed. The other one is not treated and therefore, it is the most suitable for project, where all sides will be treated. Remember that we have a servicecenter that offers sawing on the dimensions that you need.
EN AW-5083 Cast Milled	

EN AW-5086	It is sea water resistant and has an average strength, high corrosion resistance and good for welding Medium for anodizing.
EN AW-5754	It is sea water resistant and has an average strength, high corrosion resistance and good for welding Medium for anodizing.
EN AW-5754 Cast	Like EN AW-5754, but has better form stability and more suitable for processing. It can also be supplied as precision milled surface and produced to achieve best properties for anodizing.
EN AW-6005A	It is an alloy with an average corrosion resistance and good for welding. The alloy strength is higher than the one of EN AW-6063.
EN AW-6026	It is a short-chipped alloy with a high strength and average corrosion resistance and medium for welding. Medium for anodizing.
EN AW-6026 LF	
EN AW-6060	Is suitable for anodizing, and has a high corrosion resistance and good for anodizing. The alloy is suitable for welding.
EN AW-6061	Is suitable for anodizing, and has a high corrosion resistance and good for anodizing. The alloy is suitable for welding.
EN AW-6063	Is suitable for anodizing, and has a high corrosion resistance and good for anodizing. The alloy is suitable for welding.
EN AW-6073	Is a variant of the EN AW-6082, and it is better for anodizing than EN AW-6082, since the aluminium with this alloy gets a more homogeneous surface.
EN AW-6082	Has a high strength and a good corrosion resistance. The alloy is good for welding, and you can anodize it.
EN AW-6082 Cast	Like EN AW-6082, but more form stable and is suitable for processing. The mechanical properties are lower than EN AW-6082 T6.
EN AW-6101A	

EN AW-6101B	Is suitable for ornamental anodizing, and has a high corrosion resistance and good for anodizing. The alloy is suitable for welding.
EN AW-6262A	
EN AW-7010	Is a short-chipped alloy with a very high strength. The alloy has a low corrosion resistance and a low welding- and anodizing level.
EN AW-7020	Is a short-chipped alloy with a very high strength. The alloy has a low corrosion resistance and a low welding- and anodizing level.
EN AW-7021 Plancast Plus	Short-chipped alloy with a very high strength. Less tensions than other tooling alloys. This alloy has moderate corrosion resistance and is suitable for welding. Furthermore, it is available in thickness up to 470 mm.
EN AW-7075	Is a short-chipped alloy with a very high strength. The alloy has a low corrosion resistance and a low welding- and anodizing level.
EN AW-8079	
Hokotol	Has a high strength alloy with a high strength though all the plate thickness. The alloy has a low corrosion resistance and a strength as high as several steel variants. Is usable for aircraft's, military purposes and plastic-moulded forms (welded 7075). The advantage by HOKOTOL is that the material does not change properties under the machining.
Plastic	
Weldural	Used where demands for tensile strength combined with high temperature are high