



Kühr GmbH  
 1210 Wien, Straffe 3, Objekt 35  
 2351 Wiener Neudorf, Austria

T +43 2236 611 680  
 T +43 2236 620 518  
 M office@kuhr.com

IBAN AT26 3225 0000 0060 0056  
 BIC RLNWAT33XXX  
 FN FN611604



Kühr Standard alloys

Alloy DIN EN 573-3		state (DIN EN 515)	Yield Strength $R_{p0,2}$ [MPa]		Tensile Strength $R_m$ [MPa]		Elongation at break A [%]		HBW (2,5 / 62,5) reference	Fatigue Strength [Mpa]	Characteristics
numerical	chemical		min	max	min	max	min	max			
EN AW 6060	AlMgSi	T6	150		190		6		70	80	Medium strength alloy, good corrosion resistance, good anodizing, weldability.
EN AW 6082	AlSi1MgMn	T6	250	340	290	380	5	10	100	130	Medium strength alloy, weldable, seawater resistant, good anodizing properties
EN AW 6182	AlSi1MgZr	T6	340	380	360	420	6	12	115	150	High strength alloy, for dynamically loaded components, good corrosion resistance, weldable
EN AW 7075	AlZn5,5MgCu	T6	360	430	420	510	3	6	135	190	Very high strength alloy, poor corrosion resistance
EN AW 7022	AlZn5Mg3Cu	T6	420		490		5		130	-	High strength alloy, poor corrosion resistance