

Typical Uses

- **Builders Hardware** brackets, structural parts
- **Fasteners** screw down nuts
- **Industrial** struts, gears, valve stems, bushings, cams, wear rings for pressing dies for wood pulp industry, high strength machine parts, hooks, frames, shafts, marine racing propellers, worm gears, pressing dies for wood pulp
- **Marine** rudders, marine castings, boat parts, clamps
- **Ordnance** gun mounts

Similar or Equivalent Specification

Alloy	ASTM	ASARCON	SAE	AMS	Federal	Military	Other
C86200	B505		J430 A J461 J463		QQ-C-390, C4; QQ-B-726, CLASS B	MIL-C-22229, COMP 9	

Chemical Composition

Alloy	Cu%	Sn%	Pb%	Zn%	Fe%	Ni%	Al%	Mn%
C86200	60.00- 66.00	0.20	0.20	22.00- 28.00	2.00- 4.00	1.00	3.00- 4.90	2.50- 5.00

Mechanical Properties

Tensile Strength(min)		Yield Strength(at .5% extension under load min)		Elongation(in 2in. or 50mm min, %)	Brinell Hardness(min)	Remarks
		Ksi	MPa			
90	621	45	310	18	N/A	

