

# Brass

## Red Brass

The Red Brass Alloys have good machining qualities and are suitable for general service castings requiring medium strength. Typical applications are low pressure valves & fittings, general hardware, plumbing supplies & marine hardware.



Specifications	Alloy	Tensile	Yield	Elong
ASTM B62, B584, B763	C83600 (85)	30,000	14,000	20
ASTM B584, B763	C84400 (81)	29,000	13,000	18
CDA	C83300	32,000	10,000	35

## Silicon Brass

Typically used in valve stems, pump components, statuary & decorative pieces, silicon brass does offer a means of minimalizing lead contamination.



Specifications	Alloy	Tensile	Yield	Elong
ASTM B584, B763	C87610	45,000	18,000	20
	C87500	60,000	24,000	16

## No-Lead Alloy

No-Lead Alloys are used where potable water is in contact. Typically used for faucets, pump components, pipe fittings, plumbing goods, water pump impellers, housings & small gears.



Specifications	Alloy	Tensile	Yield	Elong
ASTM B 584	C89833	30,000	14,000	16

**See Reverse Side for Information on Bronze**