

**TYPICAL SPECIFICATIONS and MECHANICAL PROPERTIES**

<b>FERROUS METALS</b>					
<b>Gray Iron</b>	<b>Class No.</b>	<b>Tensile Strength p.s.i</b>			<b>Specifications</b>
	30	30,000			ASTM A48
	35	35,000			ASTM A48
					AASHTO M105
<b>Ductile Iron</b>	<b>Grade</b>	<b>Tensile Strength p.s.i</b>	<b>Yield Strength p.s.i</b>	<b>Elongation</b>	<b>Specifications</b>
	65-45-12	65,000	45,000	12 to 20%	ASTM A536
					SAE J434C
	80-55-06	80,000	55,000	6 to 12%	ASTM A536
					SAE-J434C
<b>NON-FERROUS METALS</b>					
<b>Aluminum</b>	<b>ASTM No.</b>	<b>Alloy No.</b>	<b>Physical Properties p.s.i</b>		
	B26	713	<b>Tensile</b>	<b>Yield</b>	<b>Elongation</b>
			32,000	22,000	3%
<b>Bronze</b>	B584	C87200-12A	45,000	18,000	20%
	B584	C86300	110,000	60,000	12%
<b>Notes</b>					
Most of the castings can be furnished in aluminum or bronze.					
SPECIFY BY CATALOG NUMBER					
<b>NEENAH FOUNDRY</b>					