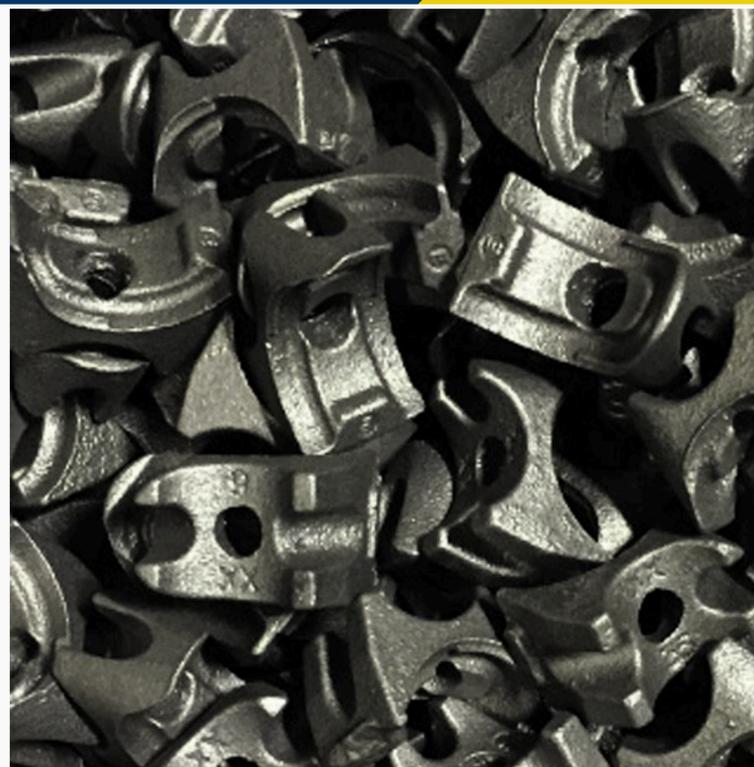


Malleable Iron

Malleable iron has been widely accepted in American industry for more than 150 years. It possesses ductility and strength on par with low carbon steels, making it suitable for a wide range of applications.

Typical Applications

Automotive Parts, Agricultural Equipment, Pipe Fittings, Electrical Fittings, Valve Components, Hardware Items, Tools, Pneumatic Fittings and Couplers, Railroad Hardware, Conveying, Ordinance Parts, Ornamental Items.



Advantages

Excellent surface finish. Good dimensional control and machinability. Better tool life. Allows freedom of design and good detail.

Specifications	Alloy	Tensile	Yield	Elong	BHN
ASTMA47	32510	50,000	32,500	10	156 max.
SAE J158	M3210	50,000	32,000	10	156 max.
GM11M		50,000	32,625	10	156 max.
ASTM A220	50005	70,000	50,000	5	179,228
SAE J158	M4505	65,000	45,000	4	163-217
GM85M		69,600	47,850	5	163-207
ASTM A220	60004	80,000	60,000	4	197-241
SAE J158	M5503	75,000	55,000	3	187-241
QM85M		79,750	49,350	3	197-241
ASTM A220	70003	85,000	70,000	3	217-269
SAE J158	M7002	90,000	70,000	2	229-269
GM84M		100,000	79,750	2	241-269
ASTM A220	80002	95,000	80,000	2	241-285
SAE J158	M8501	105,000	85,000	1	269-302
GM88M		104,400	84,825	2	269-302