

Casting Information

Method/Material	Aluminium	Carbon Steel	Copper	Stainless Steel	Steel	Zinc
Sand Casting	YES	YES	YES	YES	YES	NO
Die Casting	YES	NO	NO	NO	NO	YES
Investment Casting	YES	YES	YES	YES	YES	NO

Material	Proof Stress	Tensile Strength	Conductivity	Corrosion Resistance
Aluminium	A201	345	414	YES
	A295	138	221	YES
	A355	138	221	YES
	A771	241	290	YES
	A852	124	165	YES
Carbon Steel	1018	370	440	YES
	1020	295	395	YES
	1045	450	585	YES
	1095	525	685	YES
	1144	690	950	YES
Copper	Copper	34	210	YES
Stainless Steel	AISI 302	275	500	YES
	AISI 303	200	500	YES
	AISI 304	190	500	YES
	AISI 304L	190	500	YES
	AISI 416	275	517	YES
	AISI 420	500	700	YES
Steel	4130	460	520	YES
	4140	415	655	YES
Zinc	Zinc	28	41	YES