



Zinc Die Casting

Material	Alloy	Elongation %	Tensile Strength PSI x 10 ³	Yield Strength (0.2%) PSI x 10 ³	Impact Strength ft lb	Shear Strength PSI x 10 ³	Hardness Brinell (HB)
Zinc Casting Metals	Zamak 3	10	283	221	58	214	82
Zinc Casting Metals	Zamak 5	7	328	228	65	262	91
Zinc Casting Metals	ZA 8	10	374	290	42	275	103
Zinc Casting Metals	ZA 27 - Zinc Aluminum	3	425	376	12.8	325	119

Zinc Alloys Conversion Chart

ZINC ALLOYS

Commercial	UNS	ASTM B86	Former SAE J469	Federal QQ-Z-363a	DIN	JIS	UK BS 1004	China
Zamak 3	Z33520	AG40A	903	AG40A	1743	ZDC-2	Alloy A	ZX01
Zamak 5	Z355310	AC41A	925	AC41A	1743	ZDC-1	Alloy B	ZX03
Zamak 7	Z33523	AG40B	-	AG40B	-	-	-	ZX02
ZA-8	Z35636	-	-	-	-	-	-	-
ZA-12	Z35631	-	-	-	-	-	-	-
ZA-27	Z35841	-	-	-	-	-	-	-