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- In-House Design/Building/Casting/Finishing
- Automotive Industries and Government
- Serving Appliance, Machinery, Electronics,
- Statistical Quality and Process Control

**ALUMINUM • ZINC DIE CASTINGS**

***DIE CASTING* vs *OTHER PROCESSES***

Compared with					
Nine points of comparison	stampings	forgings	sand castings	permanent mold castings	plastic molding
Custom die castings give you					
<b>1</b> cost	lower machining	lower final	lower production and machining	lower labor, production and machining	generally higher
<b>2</b> design flexibility	more complex shapes	more complex shapes	thinner wall sections possible	thinner wall sections possible, less draft required	much greater
<b>3</b> functional versatility	better designs possible	more versatile with less machining	more versatile with less machining	more versatile with less machining	many more uses
<b>4</b> tolerances	closer	closer	closer	closer	closer
<b>5</b> wall thickness	greater variations	thinner sections	thinner sections	thinner sections	thinner sections for same strength
<b>6</b> surface finish	wider variety	smoother	smoother	smoother	wider variety
<b>7</b> material waste	less	less	less	less	same
<b>8</b> strength	depends on design	lower tensile	greater with same alloy	greater with same alloy	much greater
<b>9</b> weight	depends on design	lighter	lighter	less	more