

KES

Aluminium Alloy Die Casting

KES B-F004

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1. Scope of Application

This standard specifies the aluminium alloy die castings (Hereinafter referred to as "casting").

2. Kind

The casting shall be classified into 7 kinds according to its chemical elements as shown in Table 1.

Table 1

Kind	Symbol
Aluminium Alloy Die Casting, Kind 1	ADC 1
Aluminium Alloy Die Casting, Kind 5	ADC 5
Aluminium Alloy Die Casting, Kind 5	KADC 5
Aluminium Alloy Die Casting, Kind 10	ADC 10
Aluminium Alloy Die Casting, Kind 10	KADC 10
Aluminium Alloy Die Casting, Kind 12	ADC 12
Aluminium Alloy Die Casting, Kind 17	KADC 17

3. Quality

- (1) The surface of the casting shall be evenly smooth and free from contraction, cracks, wrinkles, etc. and its quality shall be uniform.
- (2) The casting shall not be repaired by patching or welding. However, the defects of the casting if considered harmless to use by KIA, may be repaired.
- (3) The chemical element shall conform to Table 2.
- (4) The gas pressure test and the fluid pressure test shall be performed according to the specification of KIA.