KES

Copper Series Sintered Alloy

KES B-G001

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1. Scope of Application

This standard specifies the copper series sintered alloys.

2. Kind and Symbol

The kind and symbol shall be as shown in Table 1.

Table 1

Kind Symbol	Main usage	Remarks
B - 10 C	General copper series bearing	JASO SBK 1218
B - 10 D	Each kind of bush for high strength	JASO SBK 1218
B - 10 E	High strength copper sieries parts	

Remarks 1. The initial letter, B indicates the copper series.

2. The last letter of the symbol indicated the content of Sn.

Example: B - 10 C

3. Chemical Element

The chemical element shall conform to Table 2.

Table 2

Kind symbol	Chemical element		Content percent Vo 1%
	Su	Cu	
B - 10 C	8 - 10	Remainder	≥ 18
B - 10 D			≥ 15
B - 10 E			—

4. Mechanical Properties

The tensile test and the hardness test shall conform to Table 3.

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