

ICS 25.100.70

CCS J 43



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 39140.1-2020

**Clamping flanges for diamond circular saw blade - Part 1: Stone
processing**

Issued on: October 11, 2020

Implemented on: May 1, 2021

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

Foreword

1 Scope

2 Normative references

3 Type and size

Foreword

GB/T 39140 "Clamping Chuck for Diamond Circular Saw Blade" is divided into the following two parts.

---Part 1.Stone processing;

---Part 2.Building construction and civil engineering.

This part is Part 1 of GB/T 39140.

This section was drafted in accordance with the rules given in GB/T 1.1-2009.

This section uses the redrafting method to modify and adopt ISO 21537-1.2004 "Clamping Chuck for Super Abrasive Cutting Wheel Part 1.Natural Stone".

Compared with ISO 21537-1.2004, this part has technical differences, and the clauses related to these differences have been passed on the outer margins.

The vertical single line (?) of the position is marked, and a list of the corresponding technical differences and their reasons is given in Appendix A.

This section also made the following editorial changes.

---Modified the standard name.

This part was proposed by China Machinery Industry Federation.

This part is under the jurisdiction of the National Abrasives Standardization Technical Committee (SAC/TC139).

Drafting organizations of this section. Zhengzhou Abrasives Grinding Research Institute Co., Ltd., Beijing Antai Iron and Steel Research Superhard Material Products Co., Ltd.,

Fujian Quanzhou Wanlong Stone Industry Co., Ltd., Guangdong Benlang New Material Co., Ltd., Guilin Tebang New Material Co., Ltd., Quanzhou Zhongzhixin

Material Technology Co., Ltd., Xiamen Taiying Diamond Products Co., Ltd.

1 Scope

This part of GB/T 39140 specifies the type and size, materials, markings and signs of clamping chucks for diamond circular saw blades.

This part is applicable to clamping chucks for diamond circular saw blades installed on fixed cutting machines for processing natural and artificial stone.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article

Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 1804 General tolerance The tolerance of linear and angular dimensions without tolerance (GB/T 1804-2000, eqvISO 2768-1:1989)

3 Type and size

Clamping chucks for diamond circular saw blades are divided into clamping chucks (N1 type) without ring-shaped arrangement holes around the middle hole and ring-shaped arrangement holes around the middle hole

Clamping chuck (N2 type), as shown in Figure 1 and Figure 2, its dimensions are shown in Table 1.

Other requirements not specified should be selected according to needs.