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KES

Hole Diameter for Plastic Fastener Installation

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Contents

1. Scope of Application

2. Purpose

3. Definition of Terminology

4. Hole Diameter

5. Application Procedure

Remark

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1. Scope of Application

This standard specifies hole diameters of the steel plate for the installation of automobile plastic fasteners(hereinafter, referred to as "fastener") on press worked parts.

Remark : Hole diameters referred here shall be those before coating.

2. Purpose

This standard aims at standardization of fasteners and tools, cost reduction and work improvment by standardizing hole diameters for fastener installation.

3. Definition of Terminology

The main terminologies used for this standard shall be as follows.

3.1 Plastic fastener

General term representing plastic clip fastener, screw grommet, rivet etc. that are installed in the holes bored in the steel plate for the purpose of maintenance and fixation of parts

3.2 Hole threading

Holes pressed to install fasteners on the steel plate

4. Hole Diameter

4.1 Hole diameter for clip fasteners

Unit : mm

Classification	Hole Diameter(Tolerance ±0.1)
For harness connection	φ4.7, φ7.0, 7.2* X 10.2(Slot)
For steel pipe	φ 7.0
For bar	
For cable and electric wire	
For hose	

* In case turn stopper is needed, hole diameter of □10.1 may be applied.

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