

JIS

JAPANESE INDUSTRIAL STANDARD

Core Wires for
Covered Electrode

Ⓔ JIS G 3523 —1980

Translated and Published

by

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1. Scope

This Japanese Industrial Standard specifies the core wires of the covered electrodes, hereinafter referred to as the "core wires", to be used mainly for arc welding of low carbon steels.

2. Classes and Symbols

The core wires shall be classified into two classes, and the symbols shall be as given in Table 1.

Table 1. Classes and Symbols

Class	Symbol
Class 1 core wire for covered electrode	SWY 11
Class 2 core wire for covered electrode	SWY 21

3. Material

The material used for the core wires shall be the wire rods conforming to JIS G 3503.

4. Manufacturing Method

4.1 The core wires shall be manufactured by cold wire drawing to coil or then by cutting to the specified length.

4.2 The core wires, unless otherwise specified, shall not be heat-treated.

Applicable Standards and Reference Standards: See page 4.