

SWCH18K

Chemical composition, mechanical and physical property values, and 1 standard designations from 1 regions.

OTHER DESIGNATIONS

1 in 1 regions

PROPERTY VALUES

0 on file

Chemical composition

Mass fraction in %

No chemical composition is on file for this material number.

Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: C, Mn, Si, Ni, Cr, Mo.

Mechanical properties

2 values across 1 conditions

CONDITION · DIMENSION	RM N/mm ²	Z %
Wires	410	55

Designations across standards

1 designations · 1 documented as identical

Japan	1
SWCH18K This grade's own name	jis

Note on use. The data is compiled to the best of our knowledge from publicly available standards and manufacturer documentation. It replaces neither material testing nor an inspection document to EN 10204. Please request a mill certificate to EN 10204 2.1, 3.1 or 3.2 together with your enquiry. The standard in its current valid edition always prevails.

Enquiry about SWCH18K

Quotation, availability, mill certificate or a technical question — directly on the material page.

[Start an enquiry](#)

DATASHEET ONLINE

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GRADE SEARCH

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MATERIAL NO.

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ISSUED

Aug 20, 2026