

NSSC SERIES

AUSTENITIC



Non-Magnetic Austenitic Stainless Steel

NSSC 131

18Cr-6Ni-5Mn-0.2N

Features and Applications

1. Non-magnetic with permeability less than 1.02 after severe cold working.
2. Corrosion resistance to saltwater equal to that of SUS 304.
3. Cold working of more than 80% can be applied.

[Applications] Non-magnetic clothing parts, Non-magnetic nails, Spokes

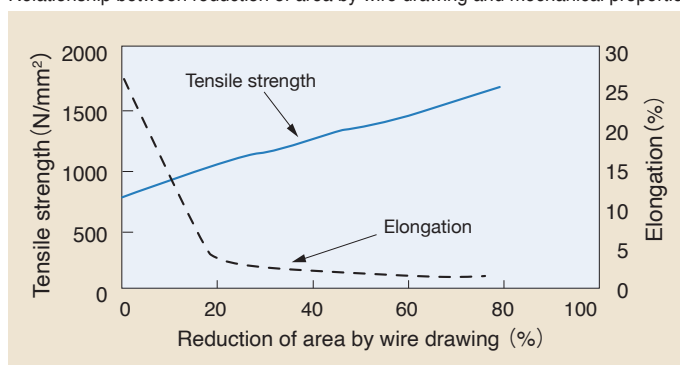
Characteristics

[Mechanical properties] - after solution heat treatment -

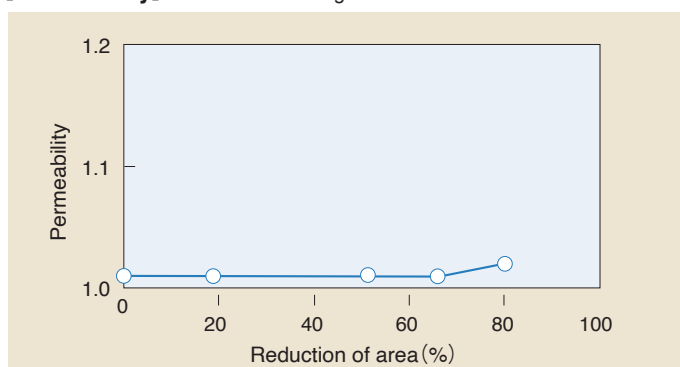
	Yield strength 0.2% offset N/mm ²	Tensile strength N/mm ²	Elongation %
Typical values	600	780	26

[Work hardening characteristics]

Relationship between reduction of area by wire drawing and mechanical properties



[Permeability] - after wire drawing -



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