

NSSC SERIES

AUSTENITIC



# High-Formability Austenitic Stainless Steel

## NSSC 27A, NSSC 27AS

17Cr-7Ni-2Cu- (LC,N) / Similar grade : SUS 304J1

### Features and Applications

NSSC 27A: Superior to SUS 304 in deep drawability and stretchability.

NSSC 27AS: High performance in formability by softening NSSC 27A.

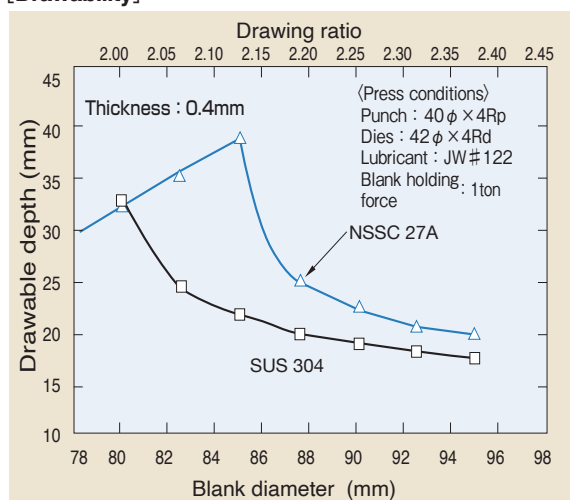
[ Applications ] Kitchen sinks, Door knobs (NSSC 27A)  
Design oriented kitchen sinks (NSSC 27AS)

### Characteristics

#### [Mechanical properties]

	Yield strength 0.2% offset N/mm <sup>2</sup>	Tensile strength N/mm <sup>2</sup>	Elongation %	Hardness HV	Erichsen value mm
NSSC 27A-Specification	≥205	≥520	≥40	≤200	—
NSSC 27A-Typical values	257	629	56	146	14.4
NSSC 27AS-Specification	≥155	≥450	≥40	≤200	—
NSSC 27AS-Typical values	238	550	52	133	14.2
SUS 340- Typical values	298	668	52	159	11.8

#### [Drawability]



**Notice:** "NSSC" is a trademark of NIPPON STEEL CORPORATION. While every effort has been made to ensure the accuracy of the information contained within this publication, the use of the information is at the reader's risk and no warranty is implied or expressed by NIPPON STEEL CORPORATION with respect to the use of the information contained herein. The information in this publication is subject to change or modification without notice. Please contact the NIPPON STEEL CORPORATION office for the latest information. Please refrain from unauthorized reproduction or copying of the contents of this publication. The names of our products and services shown in this publication are trademarks or registered trademarks of NIPPON STEEL CORPORATION, affiliated companies, or third parties granting rights to NIPPON STEEL CORPORATION or affiliated companies. Other product or service names shown may be trademarks or registered trademarks of their respective owners.

### NIPPON STEEL CORPORATION

2-6-1 Marunouchi, Chiyoda-ku, Tokyo 100-8071 Japan  
Tel: +81-3-6867-4111 Fax: +81-3-6867-5607  
www.nipponsteel.com

High-Formability Austenitic Stainless Steel

S007en\_01\_202503f

© 2025 NIPPON STEEL CORPORATION