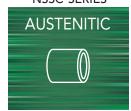


**NSSC SERIES** 



# Deep-Drawing Austenitic Stainless Steel

NSSC 304RM2

18Cr-9Ni-1Cu

# Features and Applications

- 1. Superior to SUS 304 in press forming as deep-drawing.
- 2. Superior to SUS 304 in season cracking resistance.

[ Applications ] Kitchen sinks for home and business use, Beer barrels, Coins for game machines

## Characteristics

### [Mechanical properties]

|                | Yield strength 0.2% offset N/mm <sup>2</sup> | Tensile strength<br>N/mm <sup>2</sup> | Elongation<br>% | Hardness<br>HV |
|----------------|--|---------------------------------------|-----------------|----------------|
| Specification  | ≧205   | ≧540                                  | ≧50             | ≦188           |
| Typical values | 272  | 594                                   | 57              | 150            |

### [Season cracking resistance]

| Grade          | NSSC 304RM2 | SUS 304                  |  |
|----------------|-------------|--------------------------|--|
| Result of test | No cracking | Cracking within 24 hours |  |

Thickness of test specimens: 1.5mm Drawing ratio: 2.25 Immersed in hot water of 80°C for 360 hours, after cup drawing



NSSC 304RM2



SUS 304

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