

NSSC SERIES

AUSTENITIC



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 ²	Tensile strength N/mm ²	Elongation %	Hardness 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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