Guide to Selection of Appropriate Grade of NSSC Series Stainless Steels

TP 410 (1.4016) → Weldability → NSSC 410W (1.4562) → Welded portion toughness → NSSC 410WM (1.4562) → Oxidation resistance

TP 430 (1.4441) → Formability, weldability → NSSC 430D (1.4846) → Formability → NSSC PDX (1.7214) → Corrosion resistance

TP 329 (2.2038-2.5) → Corrosion resistance → SUS 329JL (2.4847) → Formability → NSSC 432 (1.7212-2.5) → Corrosion resistance

NSSC 189 (1.4549-0.03) → Corrosion resistance → NSSC 436S (1.4475) → Corrosion resistance → NSSC 190 (1.4539) → Corrosion resistance → NSSC 190L (1.4539) → Welded portion toughness

NSSC 27AM (1.70-0.16) → Stress corrosion cracking resistance → NSSC 27A (1.70-0.16) → Formability-high elongation → NSSC 27AS (1.70-0.16) → Season cracking resistance

NSSC 304RM2 (1.4405) → Corrosion resistance → TP 316 (1.4512-2.5) → Stress corrosion cracking resistance → NSSC 110M (1.4539) → Corrosion resistance (selective corrosion resistance)

NSSC 304N (1.4403-0.03) → Heat resistance → TP 310S (1.4913) → Oxidation resistance → NSSC 305B (1.4913-0.03)