



Modified austenitic alloys are based on standard austenitics whose alloy content has been modified to obtain or accentuate a specific property above that obtainable in the original material.

In the main, with austenitics, adjusting the alloy content adjusts the microstructure - eg: the alloy modification can be used to eliminate delta-ferrite, eg: to ensure a fully austenitic microstructure or alternatively to guarantee a specific delta-ferrite content.

Superaustenitics in the term given to austenitic stainless steels whose alloy content greatly exceeds the norm either with respect to one element or a combination of elements.

Normally superaustenitics are ferrite free, designed mainly for proprietary alloys when specific high temperature or corrosion properties are required

TYPE

**AWS
A5.4**

DESCRIPTION	DATASHEET	
NS-18.15.3 LMnR	-	Modified 316L austenitic Download FERRITE.
NSB-385	E385-16	For welding ASTM N0890 Download alloys, eg: 904 materia
NSK-385	E385-17	Download
NS-253 (nearest)	E308N-17	308 austenitic. Modified by Download and N2 for service temperature up to 1000
NSN-310H	E310H-16	Modified 310 austenitic for Download high temperature
NCNb-25.35	NO SPECIFICATION EXISTS BUT MAY BE COMPOSITION	NO SPECIFICATION
NCNb-35.45	NO SPECIFICATION EXISTS BUT MAY BE COMPOSITION	NO SPECIFICATION

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