



13-8Mo/UNS S13800

1. Brief introduction:

13-8Mo stainless steel (**UNS S13800**) is a martensitic stainless steel with excellent toughness, high strength, and strong resistance to stress corrosion cracking. As a precipitation and age hardening metal, 13-8Mo stainless steel can be processed to higher strength levels and is an excellent choice for many applications, including aircraft, petrochemical and nuclear components, as well as injection molding equipment.

2. Main specifications:

GB-T	ASTM	SAE	DIN	EN
S51380	S13800	XM-13	1.4534	X3CRNIMOAL13-8-2

3. Chemical composition under ASTM A564 XM-13 standard:

Grade	chemical composition,%					
UNS S13800	C	Mn	P	S	Si	Cr
	≤0.05	≤0.2	≤0.01	≤0.008	≤0.1	12.25-13.25
	Ni	Al	Mo	Ti	Cu	Others
	7.5-8.5	0.9-1.35	2-2.5	-	-	≤0.01

4. 13-8Mo/UNS S13800 main product types we produce:

tube,wire,rod, bar,forging, strip,sheet/plate.

5. 13-8Mo/UNS S13800 Source URL:

<https://www.hitealloy.com/product/13-8mo-uns-s13800.html>