

Nickel Titanium Springs per ASTM F2063 – 18	
Element	%(mass/mass)
Nickel	54.5 to 57.0
Carbon, maximum	0.040
Cobalt, maximum	0.050
Copper, maximum	0.010
Chromium, maximum	0.010
Hydrogen, maximum	0.005
Iron, maximum	0.050
Niobium, maximum	0.025
Nitrogen, maximum	0.005
Oxygen, maximum	0.040
Titanium	Balance

Stainless Steel 302 Grade	
Element	%(mass/mass)
Carbon, maximum	0.015
Manganese, maximum	2.000
Phosphorus, maximum	0.045
Sulfur, maximum	0.030
Silicon, maximum	1.00
Chromium	17.00 -19.00
Nickel	8.00 -10.00
Nitrogen, maximum	0.10
Copper	-