



HSM Wire International, Inc

Ph: 330-244-8501 Fax: 330-244-8561

www.hsmwire.com



Typical Chemistry Stainless Steel 302 Alloy

	FWM Avg. Wt. %	ASTM A313-95
Carbon	.10	.12
Manganese	1.11	2.00
Silicon	.52	1.00
Phosphorus	.023	.045
Sulphur	.002	.030
Chromium	18.60	17.0 – 19.0
Nickel	8.40	8.00 – 9.50
Molybdenum	.32	-
Copper	.36	-
Nitrogen	.03	.10
Iron	Balance	Balance
Cobalt	.16	-

To be used as a guide only.