

## KEY TO CHEMICAL COMPOSITION CHART

<b>C - Carbon</b>	<b>Mn - Manganese</b>	<b>P - Phosphorus</b>	<b>S - Sulphur</b>
<b>Si - Silicon</b>	<b>Ni - Nickel</b>	<b>Cr - Chromium</b>	<b>Mo - Molybdenum</b>
<b>Ti - Titanium</b>	<b>W - Tungsten</b>	<b>N - Nitrogen</b>	<b>Cu - Copper</b>
	<b>Fe - Iron</b>	<b>Co - Cobalt</b>	

The information in this catalog was gathered from the following sources:

ASTM data  
 Trent Tube data  
 Inco Alloys data  
 Teledyne Rodney Metals data  
 Sandvik Steel data  
 Avesta Sheffield data  
 Eastern Stainless Corp. data  
 Penn Machine data  
 Haynes International data  
 VDM Technologies data  
 Tubesales data

## ALLOY CONVERSION CHARTS

### POUNDS PER FOOT

SIZE	WEIGHT
1.000	3.01
1.250	4.70
1.500	6.77
1.750	9.20
2.000	12.00
2.250	15.24
2.500	18.84
3.000	27.00
3.500	36.84
4.000	48.12
4.250	54.36
4.500	60.84
5.000	75.12
6.000	108.24
7.000	147.60
8.000	192.00
9.000	243.60
10.000	301.20
11.000	363.60
12.000	433.20

### CONVERSION FACTORS

ALLOY	CONVERSION FACTOR
200	1.009
400	1.000
600	0.962
625	0.959
800	0.903
825	0.925
C-276	1.009
Stainless	0.890

Multiply bar weight by conversion factor to obtain correct theoretical weight for specific alloy.

Weights are per foot based on Monel 400