

## Torque And Horsepower Calculation Factors

<i>Material</i>	<i>Factor</i>
Aluminum	.2
Brass	.4
Bronze	.4
Cast Iron	.6
Copper	.5
Magnesium	.5
Malleable Iron	.7
Zinc	.4
Titanium	1.4

<i>Carbon (Mild) steel 1008-1095</i>		<i>Free Cutting Steel 1111-1213</i>		<i>Alloy Steel 1330-8642</i>		<i>Alloy Steel 1330-8642</i>	
<i>BHN</i>	<i>Factor</i>	<i>BHN</i>	<i>Factor</i>	<i>BHN</i>	<i>Factor</i>	<i>BHN</i>	<i>Factor</i>
90	1.0	140	.7	175	.9	240	1.5
130	1.1	170	.8	190	1.0	250	1.6
170	1.2	230	.9	200	1.1	330	2.1
190	1.3			205	1.2	390	2.5
250	1.4			210	1.3	470	2.9