

Ni-resist								
	Type 1	Type 1b	Type 2	Type 2b	Type 3	Type 4	Type 5	Type 6
<b>Carbon</b>	3.00	3.00	3.00 max	3.00	2.60	2.60	2.40	3.00
<b>Silicon</b>	1.00 - 2.80	1.00 - 2.80	1.00 - 2.80	1.00 - 2.80	1.00 - 2.00	5.00 - 6.00	1.00 - 2.00	1.50 - 2.50
<b>Manganese</b>	0.5 - 1.5	0.5 - 1.5	0.5 -1.05	0.5 -1.05	0.5 -1.05	0.5 -1.05	0.5 -1.05	0.5 -1.05
<b>Nickel</b>	13.50 - 17.50	13.50 - 17.50	18.00 - 22.00	18.00 - 22.00	28.00 - 32.00	29.00 - 32.00	34.00 - 36.00	18.00 - 22.00
<b>Copper</b>	5.50 - 7.50	5.50 - 7.50	.50 max	.50 max	.50 max	.50 max	.50 max	3.50 - 5.50
<b>Chromium</b>	1.5 - 2.5	2.50 - 3.50	1.5 - 2.5	3.00 - 6.00*	2.50 - 3.50	4.50 - 5.50	0.10 max	1.00 - 2.00
<b>Sulfur</b>	0.12 max	0.12 max	0.12 max	0.12 max	0.12 max	0.12 max	0.12 max	0.12 max
<b>Molybdenum</b>	-----	-----	-----	-----	-----	-----	-----	1.00
<b>Tensile Strength min, ksi (MPa)</b>	25 (172)	30 (207)	25 (172)	30 (207)	25 (172)	25 (172)	20 (138)	25 (172)
<b>Brinell Hardness (3000 kg)</b>	131 - 183	149 - 212	118 - 174	171 - 248	118 - 159	149 - 212	99 - 124	124 - 174

\* Where some machining is required, the 3.00 - 4.00 % chromium range is recommended.

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