

Price LIST - Page 1 Effective: January 1, 2009

	0 to 150 lb	151 to 300 lb	301 to 500 lb	501 to 700 lb	701 to 1000 lb	Over 1000	Minimum Charge
WH, 52100, Hd Only 4140, 6150, 1141, 1095, P-20	\$1.75	\$1.70	\$1.60	\$1.50	\$1.40	\$1.30	\$32.00
A-2, D-2, A-6, A-8, O-1, O-6 S-1, S-5, S-7, D-3, L-6	1.90	1.85	1.75	1.65	1.55	1.45	32.00
H-13, 410 to 440 SS	2.00	1.95	1.85	1.75	1.65	1.60	32.00
HSS, M-2, T-15, H-19 Ferrotic, A-18, CPM	3.00	3.00	3.00	3.00	3.00	3.00	52.00
17-4, Age Hardening (See Back Also)	1.25	1.25	1.25	1.25	1.25	1.25	62.00
+ Note: Case depths listed are total case, not effective; call if question							
Carburize & Harden (Standard Run) (Depth varies from .035 to .060 max)	1.90	1.85	1.75	1.65	1.50	1.35	42.00
+ Carburize & Harden (Long Run) (Depth varies from .060 to .080)	3.05	3.00	2.95	2.85	2.75	2.55	302.00
Case Depths Greater Than .080	– Call for Quotation –						1500.00
+ Carburize Only (Standard < .060)	1.90	1.85	1.75	1.65	1.50	1.35	102.00
Carbo-Nitride/Light Case to .015	1.50	1.45	1.40	1.35	1.30	1.25	42.00
+ Gas Nitride							
.005 Max. (Standard)	1.90	1.90	1.90	1.90	1.90	1.90	102.00
.006 – .010 (24 Hrs.)	2.40	2.40	2.40	2.40	2.40	2.40	202.00
.011 – .020 (50 Hrs.)	2.90	2.90	2.90	2.90	2.90	2.90	252.00
.021 – .030 (72 Hrs.)	3.40	3.40	3.40	3.40	3.40	3.40	352.00
+ Note: Case depths deeper than those listed require extended furnace times, please call for quotation.							
Anneal	1.40	1.30	1.25	1.20	1.15	1.15	32.00
Vacuum Hi-Temp Anneal (300 Series Stainless)	2.00	1.95	1.85	1.75	1.65	1.60	202.00
Normalize (No Blast)	1.40	1.30	1.25	1.20	1.15	1.15	32.00
Stress Relieve (No Blast)	.60	.60	.60	.60	.60	.60	32.00
Stress Relieve in Vacuum	1.10	1.10	1.10	1.10	1.10	1.10	62.00

Note: Parts needing straightening will be straightened unless we are otherwise informed. Also, the pound prices listed above do not include straightening or blasting charges, see reverse side for those.

PRICE LIST CONT'D - Page 2

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Certifications of Compliance	\$ 50.00
Special Certs	\$ 100.00
Furnace Charts	\$ 50.00
Microsections	\$150.00
Process per AMS 2759	Call for quotation - Requires Special Run
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Blasting (Glass Bead Only)	\$ 40.00 per hour
Straightening	\$ 40.00 per hour
Induction Hardening	\$ 70.00 per hour, \$40.00 minimum
Inspection / RC Parts	\$ 40.00 per hour
Flame Hardening	\$ 62.00 per hour, \$40.00 minimum
	Per linear inch – 2" width swath
	0 – 199" \$.50
	200 – 299" \$.45
	Over 299" \$.40
Vapor Degreasing	\$.50 per pound, \$50.00 per hour, \$50.00 minimum
Fixture, Rack, Wire, Mask, Package	\$40.00 per hour, plus materials
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Furnace Time (Air)	\$ 30.00 per hour, \$62.00 minimum
Furnace Time (Vacuum)	\$ 62.00 per hour – irregular temperatures
Vacuum Furnace – Special Run	\$ 62.00 per hour x total time or weight of job, whichever is greater \$ 300.00 minimum
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Temper Only (Special Draw)	\$.60 per pound, \$30.00 per hour, \$62.00 minimum
Multiple Tempers (Triple Draw)	Two tempers are included in pound price. 3rd temper \$.60 per pound, \$32.00 minimum
Freeze and Temper (Stabilize)	\$ 1.05 per pound, \$62.00 minimum
Freeze (Deep Cryogenics to -320°F)	\$ 1.25 per pound, \$62.00 minimum, \$30.00 per hour
Shrink Fit (Freeze-Heat-Assemble)	\$.60 per pound, plus \$30.00 per piece min., \$62.00 min.
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Age Hardening	\$ 30.00 per hour, \$1.25 per pound, \$62.00 minimum
17-4, 17-7, 13-8, 15-5 Age Harden	\$ 1.25 per pound, Air-\$62.00 minimum, Vacuum-\$200.00.
17-4, 17-7, 13-8, 15-5 Solution or Condition	\$ 1.90 per pound-\$200.00 minimum.
Beryllium Copper (Age or Anneal)	\$ 1.25 per pound, \$62.00 minimum
Inconel 718, A-286, (Age)	\$ 1.25 per pound, \$62.00 an hour, \$1000.00 minimum.
Aluminum (Stress Relieve or Age)	\$.60 per pound, \$62.00 minimum, \$30.00 per hour
Aluminum (Anneal to 0 Only)	\$1.25 per pound, \$62.00 minimum, \$30.00 per hour Limited processing, we cannot solution to T-4 Call for quotation on extended aging cycles.
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Saturday Overtime Rate	\$ 60.00 per hour, one man, four hour min., plus cost of job
Sunday Overtime Rate	\$ 70.00 per hour, one man, four hour min., plus cost of job