Stress Equalizing			Age Hardening		
Alloy	Temp (F)	Time (hrs)	Temp (F)	Time (hrs)	Maximum Safe Operating Temperature (F)
Monel® 400	575-650	1/2-1	Not Possible		450
Monel® K500	575	1/2-1	1000	4	500
Inconel® 600	800-900	1/2-1	Not Possible		750
Inconel® 625	Not Recommended		Not Possible		700
X750 Spring Temper	875	3	1200	4	700
X750 (>0.025" diameter) w1 Temper (15% cold work)	Not Recommended		1350	16	1000
X750 (Annealed) Spring Temper (,0.025" diameter)	Not Recommended		1350	16	1200
X750 Spring Temper	Stress Relieved from Age Hardening		Solution Treat: 2100 High Temp Age: 1550 Regular Age: 1300	2 24 20	1200
Inconel® 718 Spring Temper	Stress Relieved from Age Hardening		1325 1150	8 8	1000
Inconel® 718 w1 Temper (15% cold work)	Not Recommended		1800 1320 1150 (Furnace Cool)	1 8 8	1200
Ni-Span C 902	750	1/2-1	1100-1350	4-5	
Alloy 805 (Temperature Compensating)	750	1/2	Not Possible		
Alloy 825	800	1	Not Possible		
Alloy 20Cb-3			Not Possible		
302 Stainless Steel	650-850	1/2	Not Possible		500
316 Stainless Steel	750-850	1	Not Possible		600
17-7 PH Spring Temper	Stress Relieved from Age Hardening		900	1	550
17-7 PH (15% cold work)	Stress Relieved from Age Hardening		1000	1	550
PH 15-7 Mo Spring Temper	Stress Relieved from Age Hardening		900	16 (requires air cool)	550