

ALLOYS FORMULAS	E- BOND EXACTO Nickel-Chrome- Beryllium	E- BOND 2 EXACTO Nickel-Chrome	E- BOND ECCO 2 Nickel-Chrome	E- BOND ECCO Nickel-Chrome- Beryllium	E CHROME Chrome-Cobalt L & S	E- CHROME ECCO Chrome-Cobalt S-2 & L-2
Composition, % w/w						
Nickel	78.95	63.50	63.00	71.00		1.00
Cobalt			1.00	1.00	65.5	62.0
Chrome	12.00	21.00	22.00	17.00	28.5	27.0
Molybdenum	4.65	8.50	8.20	8.20	6.00	6.00
Niobium & Tantalum		3.50	1.80			
Aluminum	2.60					
Beryllium	1.80			1.80		
Tungsten				1.00		4.00
Others		3.50	4.00			
TOTAL	100	100	100	100	100	100
Physical properties						
Coefficient of Expansion. @ 500°C - 600°C, X10 ⁶ /°C	13.9-14.4	14.1-14.6	14-14.6	13.9-14.4		
Brinell Hardness	225	N.A		225	N.A	N.A
Elongation, %	12	16	16	12	8	8
Specific Gravity	7.9	N.A		7.9	N.A	N.A
Yield Strength, psi	92500	40000		92500	65000	83000
Induction Casting Setting, °F	2400-2550	2400-2450		2400-2550	2700-2750	2530-2600
Presentation	Ingots	Ingots		Ingots	Ingots/Shots	Ingots/Shots