

ALLOYS FORMULAS	E- BOND EXACTO Nickel-Chrome- Beryllium	E- BOND 2 EXACTO Nickel-Chrome	E- BOND ECCO Nickel-Chrome- Beryllium	E CHROME Chrome-Cobalt L S	E- CHROME ECCO Chrome-Cobalt S-2 L-2
<b>Composition, % w/w</b>					
Nickel	78.95	63.50	71.00	0.00	1.0
Cobalt	0.00	0.00	1	65.5	60.0
Chrome	12.00	21.00	17	28.5	27.0
Molybdenum	4.65	8.50	8.2	6.00	6.00
Niobium & Tantalum	0.00	3.50		0.00	
Aluminum	2.60	0.00		0.00	
Beryllium	1.80	0.00	1.8	0.00	1
Tungsten	0.00	0.00	1	0.00	5
Others	0.00	3.50		0.00	
TOTAL	100.00	100.00	100	100.00	100
<b>Physical properties</b>					
Coefficient of Expansion. @ 500°C - 600°C, X10 <sup>6</sup> /°C	13.9-14.4	14.1-14.6	13.9-14.4		
Brinell Hardness	225	N.A	225	N.A	N.A
Elongation, %	12	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