





**Ni-P (Nickel-Phosphorus)**  
**Certified Phosphorous**

Part No	Nominal Compositions	
	%Ni	%P
HHNIP999	94	6
HHNIP999-92C	92	8
HHNIP999-88C	88	12

**Pd-Co**  
**(Palladium-Cobalt)**

Part No	Nominal Compositions	
	%Pd	%Co
HHPDCO999-70	70	30
HHPDCO999-75	75	25

**Pd-Ni**  
**(Palladium-Nickel)**

Part No	Nominal Compositions	
	%Pd	%Ni
HHPDNI999-80	80	20

**Sn-Ag**  
**(Tin-Silver)**

Part No	Nominal Compositions	
	%Sn	%Ag
HHSNAG999-95	95	5
HHSNAG999-96.3	96.3	3.7
HHSNAG999-97	97	3
SSNAG999-98.2	98.2	1.8

**Sn-Ag-Cu**  
**(Tin-Silver-Copper) (SAC)**

Part No	Nominal Compositions		
	%Sn	%Ag	%Cu
HHSNAGCU999-95.5	95.5	4.0	0.5
HHSNAGCU999-96.5	96.5	3.0	0.5
HHSNAGCU999-97	97	2.5	0.5
HHSNAGCU999-98.5	98.5	1.0	0.5

**Sn-Ag-Cu-Bi**  
**(Tin-Silver-Copper-Bismuth)**

Part No	Nominal Compositions			
	%Sn	%Ag	%Cu	%Bi
HHSNAGCUBI999-92.3	92.3	3.4	1.0	3.3

**Sn-Ag-Cu-In**  
**(Tin-Silver-Copper-Indium)**

Part No	Nominal Compositions			
	%Sn	%Ag	%Cu	%In
HHSNAGCUIN999-93.5	93.5	1.0	0.5	5.0

**Sn-Bi**  
**(Tin-Bismuth)**

Part No	Nominal Compositions	
	%Sn	%Bi
HHSNBI999-40	40	60
HHSNBI999-60	60	40
HHSNBI999-90	90	10
HHSNBI999-95	95	5
HHSNBI999-97	97	3
HHSNBI999-91	99	1

**Sn-Ni-Cu**  
**(Tin-Nickel-Copper)**

Part No	Nominal Compositions		
	%Sn	%Ni	%Cu
HHSNNICU999-705	99.25	0.7	0.05

**Sn-Pb**  
**(Tin-Lead)**

Part No	Nominal Compositions	
	%Sn	%Pb
HHSNPB999-2.5	2.5	97.5
HHSNPB999-5	5	95
HHSNPB999-8	8	92
HHSNPB999-10	10	90
HHSNPB999-20	20	80
HHSNPB999-30	30	70
HHSNPB999-40	40	60
HHSNPB999-50	50	50
HHSNPB999-60	60	40
HHSNPB999-63	63	37
HHSNPB999-70	70	30
HHSNPB999-80	80	20
HHSNPB999-90	90	10
HHSNPB999-95	95	5
HHSNPB999-96	96	4
HHSNPB999-97	97	3
HHSNPB999-98	98	2
HHSNPB9999-99	99	1

**Sn-Zn**  
**(Tin-Zinc)**

Part No	Nominal Compositions	
	%Sn	%Zn
HHSNZN999-70	70	30
HHSNZN999-92	92	8

**Ti-W**  
**(Titanium-Tungsten)**

Part No	Nominal Compositions	
	%Ti	%W
HHTIW999-10	10	90