



ALCHEMY CASTINGS INC.

563 Kenilworth Avenue North
 Hamilton, Ontario L8H 4T8
 TEL: (905) 312-9084 FAX: (905) 312-9085

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Casting Alloys White Metal Alloys for Jewellery & Pewter Making

For all of your centrifugal spin casting alloys, gravity pour alloys & pewter alloys. At Alchemy, we produce hundreds of different alloys.



Our alloys are used in many different applications, such as: Costume jewelry, fishing, medallions, trophies, belt buckles, silverware, pewter-ware, figurines, toy soldiers, to name a few.

#908 (Lead-Free)	
COMPOSITION:	Tin (Sn) 90% Antimony (Sb) 8% Copper (Cu) 2%
Density:	0.2626 Lbs/in ³ (7.27 g/cm ³)
Casting Temp:	500-550°F (260-288°C)
Recommended Use	
<ul style="list-style-type: none"> ● Hard Surface/Tailored Pieces 	
Industry Equivalents	
<ul style="list-style-type: none"> ● Atlas 7902 	

BM91 (Lead-Free)	
COMPOSITION:	Tin (Sn) 91% Antimony (Sb) 8% Copper (Cu) 1%
Density:	0.2620 Lbs/in ³ (7.25 g/cm ³)
Casting Temp:	500-550°F (260-288°C)
Recommended Use	
<ul style="list-style-type: none"> ● General Casting Most Products 	
Industry Equivalents	
<ul style="list-style-type: none"> ● 	

#927 (Lead-Free)	
COMPOSITION:	Tin (Sn) 92% Antimony (Sb) 7% Copper (Cu) 1%
Density:	0.2622 Lbs/in ³ (7.26 g/cm ³)
Casting Temp:	500-550°F (260-288°C)
Recommended Use	
<ul style="list-style-type: none"> ● Excellent for large intricate castings 	
Industry Equivalents	
<ul style="list-style-type: none"> ● Hirsch CP2 	

R8 (Lead-Free)	
COMPOSITION:	Tin (Sn) 92% Antimony (Sb) 7.5% Copper (Cu) 0.5%
Density:	0.2618 Lbs/in ³ (7.25 g/cm ³)
Casting Temp:	500-550°F (260-288°C)
Recommended Use	
<ul style="list-style-type: none"> ● Hard Surface/Tailored Pieces 	
Industry Equivalents	
<ul style="list-style-type: none"> ● AIM 92(R8) 	



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BR5 (Lead-Free)	
COMPOSITION:	Tin (Sn) 92% Antimony (Sb) 7.75% Copper (Cu) 0.25%
Density:	0.2616 Lbs/in ³ (7.24 g/cm ³)
Casting Temp:	500-550°F (260-288°C)
Recommended Use	<ul style="list-style-type: none">● Hard Surface/Tailored Pieces
Industry Equivalents	<ul style="list-style-type: none">● Atlas 7921, Conquest NC-BR5, Hirsch CP1

BM92 (Lead-Free)	
COMPOSITION:	Tin (Sn) 92% Antimony (Sb) 8%
Density:	0.2614 Lbs/in ³ (7.24 g/cm ³)
Casting Temp:	500-550°F (260-288°C)
Recommended Use	<ul style="list-style-type: none">● Excellent for large intricate castings
Industry Equivalents	<ul style="list-style-type: none">● Canfield J-592, Conquest NC-92, Hirsch CP

BM94 (Lead-Free)	
COMPOSITION:	Tin (Sn) 94% Antimony (Sb) 5% Copper (Cu) 1%
Density:	0.2627 Lbs/in ³ (7.27 g/cm ³)
Casting Temp:	500-550°F (260-288°C)
Recommended Use	<ul style="list-style-type: none">● Semi-Tailored Pieces
Industry Equivalents	<ul style="list-style-type: none">●

#954 (Lead-Free)	
COMPOSITION:	Tin (Sn) 95% Antimony (Sb) 3.8% Copper (Cu) 1.2%
Density:	0.2631 Lbs/in ³ (7.28 g/cm ³)
Casting Temp:	500-550°F (260-288°C)
Recommended Use	<ul style="list-style-type: none">● Semi-Tailored Pieces
Industry Equivalents	<ul style="list-style-type: none">● AIM 95, Canfield J-95

97SP (Lead-Free)	
COMPOSITION:	Tin (Sn) 97% Bismuth (Bi) 2.5% Copper (Cu) 0.5%
Density:	0.2659 Lbs/in ³ (7.36 g/cm ³)
Casting Temp:	500-550°F (260-288°C)
Recommended Use	<ul style="list-style-type: none">● General Casting Most Products
Industry Equivalents	<ul style="list-style-type: none">● AIM 97SP

#981 (Lead-Free)	
COMPOSITION:	Tin (Sn) 98% Antimony (Sb) 1% Bismuth (Bi) 1%
Density:	0.2640 Lbs/in ³ (7.31 g/cm ³)
Casting Temp:	550-600°F (288-316°C)
Recommended Use	<ul style="list-style-type: none">● Good Dapping Qualities
Industry Equivalents	<ul style="list-style-type: none">● AIM 98NL



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SB03

COMPOSITION: Antimony (Sb) 3%
Lead (Pb) 97%

Density: 0.4041 Lbs/in³ (11.21 g/cm³)

Casting Temp: 750-850°F (399-454°C)

Recommended Use

- Inexpensive alloy for key chains, counterweights, fishing lures, giveaways.

Industry Equivalents

- Machine Lead

SB04

COMPOSITION: Antimony (Sb) 4%
Lead (Pb) 96%

Density: 0.4024 Lbs/in³ (11.16 g/cm³)

Casting Temp: 750-850°F (399-454°C)

Recommended Use

- Inexpensive alloy for key chains, counterweights, fishing lures, giveaways.

Industry Equivalents

- Hirsch 4AL

J104

COMPOSITION: Tin (Sn) 1%
Antimony (Sb) 4.5%
Lead (Pb) 94.5%

Density: 0.4001 Lbs/in³ (11.10 g/cm³)

Casting Temp: 700-800°F (371-427°C)

Recommended Use

- Inexpensive alloy for key chains, giveaways.

Industry Equivalents

- Canfield J-104

J105

COMPOSITION: Tin (Sn) 1%
Antimony (Sb) 4.75%
Lead (Pb) 94.25%

Density: 0.3997 Lbs/in³ (11.08 g/cm³)

Casting Temp: 700-800°F (371-427°C)

Recommended Use

- Inexpensive alloy for key chains, giveaways.

Industry Equivalents

- Canfield J-105

SB06

COMPOSITION: Antimony (Sb) 6%
Lead (Pb) 94%

Density: 0.3990 Lbs/in³ (11.07 g/cm³)

Casting Temp: 750-850°F (399-454°C)

Recommended Use

- Belt Buckles, Bulky items

Industry Equivalents

- Hirsch AL6

J106

COMPOSITION: Tin (Sn) 1%
Antimony (Sb) 6%
Lead (Pb) 93%

Density: 0.3975 Lbs/in³ (11.03 g/cm³)

Casting Temp: 700-800°F (371-427°C)

Recommended Use

- Inexpensive alloy for key chains, giveaways.

Industry Equivalents

- Canfield J-106, Hirsch B1



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SB10

COMPOSITION: Antimony (Sb) 10%
Lead (Pb) 90%

Density: 0.3922 Lbs/in³ (10.88 g/cm³)

Casting Temp: 750-850°F (399-454°C)

Recommended Use

- Trophies, Statues

Industry Equivalents

- Hirsch 10AL

SB12

COMPOSITION: Antimony (Sb) 12%
Lead (Pb) 88%

Density: 0.3888 Lbs/in³ (10.78 g/cm³)

Casting Temp: 750-850°F (399-454°C)

Recommended Use

- Trophies, Statues

Industry Equivalents

- Hirsch 12AL

CT Metal

COMPOSITION: Tin (Sn) 1%
Antimony (Sb) 13%
Lead (Pb) 86%

Density: 0.3856 Lbs/in³ (10.69 g/cm³)

Casting Temp: 700-800°F (371-427°C)

Recommended Use

- Casket Trim, Trophies, Statues

Industry Equivalents

- AIM CT, Hirsch CT

2/6 Alloy

COMPOSITION: Tin (Sn) 2%
Antimony (Sb) 6%
Lead (Pb) 92%

Density: 0.3961 Lbs/in³ (10.99 g/cm³)

Casting Temp: 700-800°F (371-427°C)

Recommended Use

- Decorative, Flatware, Belt buckles.

Industry Equivalents

- AIM 2S

2/8 Alloy

COMPOSITION: Tin (Sn) 2%
Antimony (Sb) 8%
Lead (Pb) 90%

Density: 0.3927 Lbs/in³ (10.89 g/cm³)

Casting Temp: 700-800°F (371-427°C)

Recommended Use

- Decorative, Flatware, Belt buckles.

Industry Equivalents

- Hirsch B4

3/8 Alloy

COMPOSITION: Tin (Sn) 3%
Antimony (Sb) 8%
Lead (Pb) 89%

Density: 0.3912 Lbs/in³ (10.85 g/cm³)

Casting Temp: 700-800°F (371-427°C)

Recommended Use

- Decorative, Flatware, Belt buckles.

Industry Equivalents

- Canfield J-308, Hirsch B3



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3/10 Alloy

COMPOSITION:	Tin (Sn) 3% Antimony (Sb) 10% Lead (Pb) 87%
Density:	0.3878 Lbs/in ³ (10.76 g/cm ³)
Casting Temp:	700-800°F (371-427°C)
Recommended Use	<ul style="list-style-type: none">Decorative, Flatware, Belt buckles.
Industry Equivalents	<ul style="list-style-type: none">Atlas 5877

Electrotype

COMPOSITION:	Tin (Sn) 3.5% Antimony (Sb) 3.5% Lead (Pb) 93%
Density:	0.3981 Lbs/in ³ (11.04 g/cm ³)
Casting Temp:	700-800°F (371-427°C)
Recommended Use	<ul style="list-style-type: none">Decorative, Flatware, Belt buckles.
Industry Equivalents	<ul style="list-style-type: none">CMC Electrotype

4/6 Alloy

COMPOSITION:	Tin (Sn) 4% Antimony (Sb) 6% Lead (Pb) 90%
Density:	0.3932 Lbs/in ³ (10.90 g/cm ³)
Casting Temp:	700-800°F (371-427°C)
Recommended Use	<ul style="list-style-type: none">Decorative, Flatware, Belt buckles.
Industry Equivalents	<ul style="list-style-type: none">Conquest NC-3

#10 Linotype

COMPOSITION:	Tin (Sn) 4% Antimony (Sb) 12% Lead (Pb) 84%
Density:	0.3830 Lbs/in ³ (10.62 g/cm ³)
Casting Temp:	700-800°F (371-427°C)
Recommended Use	<ul style="list-style-type: none">Decorative, Flatware, Belt buckles.
Industry Equivalents	<ul style="list-style-type: none">Atlas 5841

5/5 Alloy

COMPOSITION:	Tin (Sn) 5% Antimony (Sb) 5% Lead (Pb) 90%
Density:	0.3934 Lbs/in ³ (10.91 g/cm ³)
Casting Temp:	700-800°F (371-427°C)
Recommended Use	<ul style="list-style-type: none">Decorative, Flatware, Belt buckles.
Industry Equivalents	<ul style="list-style-type: none">Hirsch B5

5/15 Monotype

COMPOSITION:	Tin (Sn) 5% Antimony (Sb) 15% Lead (Pb) 80%
Density:	0.3764 Lbs/in ³ (10.44 g/cm ³)
Casting Temp:	700-800°F (371-427°C)
Recommended Use	<ul style="list-style-type: none">Decorative, Flatware, Belt buckles.
Industry Equivalents	<ul style="list-style-type: none">CMC 5/15 Monotype



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6/8 Toning	
COMPOSITION:	Tin (Sn) 6% Antimony (Sb) 8% Lead (Pb) 86%
Density:	0.3868 Lbs/in ³ (10.73 g/cm ³)
Casting Temp:	700-800°F (371-427°C)
Recommended Use	<ul style="list-style-type: none">Decorative, Flatware, Belt buckles.
Industry Equivalents	<ul style="list-style-type: none">CMC 6/8 Toning

10/11 Toning	
COMPOSITION:	Tin (Sn) 10% Antimony (Sb) 11% Lead (Pb) 79%
Density:	0.3759 Lbs/in ³ (10.42 g/cm ³)
Casting Temp:	700-800°F (371-427°C)
Recommended Use	<ul style="list-style-type: none">Novelty.
Industry Equivalents	<ul style="list-style-type: none">CMC 10/11 Toning

#11	
COMPOSITION:	Tin (Sn) 11% Antimony (Sb) 2% Lead (Pb) 87%
Density:	0.3897 Lbs/in ³ (10.81 g/cm ³)
Casting Temp:	700-800°F (371-427°C)
Recommended Use	<ul style="list-style-type: none">Novelty.
Industry Equivalents	<ul style="list-style-type: none">Conquest N-11

#16	
COMPOSITION:	Tin (Sn) 16% Antimony (Sb) 3% Lead (Pb) 81%
Density:	0.3808 Lbs/in ³ (10.56 g/cm ³)
Casting Temp:	600-700°F (316-371°C)
Recommended Use	<ul style="list-style-type: none">Novelty.
Industry Equivalents	<ul style="list-style-type: none">AIM 16

#164	
COMPOSITION:	Tin (Sn) 16% Antimony (Sb) 4% Lead (Pb) 80%
Density:	0.3791 Lbs/in ³ (10.51 g/cm ³)
Casting Temp:	600-700°F (316-371°C)
Recommended Use	<ul style="list-style-type: none">Novelty.
Industry Equivalents	<ul style="list-style-type: none">Hirsch 164

#204	
COMPOSITION:	Tin (Sn) 20% Antimony (Sb) 4% Lead (Pb) 76%
Density:	0.3732 Lbs/in ³ (10.35 g/cm ³)
Casting Temp:	600-700°F (316-371°C)
Recommended Use	<ul style="list-style-type: none">Novelty.
Industry Equivalents	<ul style="list-style-type: none">Hirsch 204



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J32

COMPOSITION:	Tin (Sn) 23% Antimony (Sb) 2% Lead (Pb) 75%
Density:	0.3722 Lbs/in ³ (10.32 g/cm ³)
Casting Temp:	575-675°F (302-357°C)
Recommended Use	<ul style="list-style-type: none">• Novelty.
Industry Equivalents	<ul style="list-style-type: none">• Canfield J-32

#251

COMPOSITION:	Tin (Sn) 25% Antimony (Sb) 1% Lead (Pb) 74%
Density:	0.3710 Lbs/in ³ (10.29 g/cm ³)
Casting Temp:	575-675°F (302-357°C)
Recommended Use	<ul style="list-style-type: none">• Novelty.
Industry Equivalents	<ul style="list-style-type: none">• Conquest NC-25S

25LC

COMPOSITION:	Tin (Sn) 25% Antimony (Sb) 3% Lead (Pb) 71% Cadmium (Cd) 1%
Density:	0.3667 Lbs/in ³ (10.17 g/cm ³)
Casting Temp:	575-675°F (302-357°C)
Recommended Use	<ul style="list-style-type: none">• Novelty.
Industry Equivalents	<ul style="list-style-type: none">• AIM 25LC

#253

COMPOSITION:	Tin (Sn) 25% Antimony (Sb) 3% Lead (Pb) 72%
Density:	0.3676 Lbs/in ³ (10.19 g/cm ³)
Casting Temp:	575-675°F (302-357°C)
Recommended Use	<ul style="list-style-type: none">• Novelty.
Industry Equivalents	<ul style="list-style-type: none">• Canfield J-253, Hirsch 253

#283

COMPOSITION:	Tin (Sn) 28% Antimony (Sb) 3% Lead (Pb) 69%
Density:	0.3632 Lbs/in ³ (10.07 g/cm ³)
Casting Temp:	575-675°F (302-357°C)
Recommended Use	<ul style="list-style-type: none">• Novelty.
Industry Equivalents	<ul style="list-style-type: none">• Hirsch 283

#32

COMPOSITION:	Tin (Sn) 32% Antimony (Sb) 3% Lead (Pb) 65%
Density:	0.3574 Lbs/in ³ (9.91 g/cm ³)
Casting Temp:	575-675°F (302-357°C)
Recommended Use	<ul style="list-style-type: none">• Soft Boutique.
Industry Equivalents	<ul style="list-style-type: none">• Aim 32, Canfield J-323, Conquest NC-32, Hirsch 32



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#35

COMPOSITION: Tin (Sn) 35%
Antimony (Sb) 3%
Lead (Pb) 62%

Density: 0.3530 Lbs/in³ (9.79 g/cm³)

Casting Temp: 575-675°F (302-357°C)

Recommended Use

- Soft Boutique.

Industry Equivalents

- Atlas 5632

36A

COMPOSITION: Tin (Sn) 36%
Antimony (Sb) 2%
Lead (Pb) 62%

Density: 0.3533 Lbs/in³ (9.79 g/cm³)

Casting Temp: 575-675°F (302-357°C)

Recommended Use

- Soft Boutique.

Industry Equivalents

- Conquest NC-36A

#36

COMPOSITION: Tin (Sn) 36%
Antimony (Sb) 3%
Lead (Pb) 58%
Cadmium (Cd) 3%

Density: 0.3487 Lbs/in³ (9.67 g/cm³)

Casting Temp: 500-550°F (260-288°C)

Recommended Use

- Cost effective jewelry.

Industry Equivalents

- AIM 36, Canfield CAD-36

36M

COMPOSITION: Tin (Sn) 36%
Antimony (Sb) 3%
Lead (Pb) 59%
Cadmium (Cd) 2%

Density: 0.3496 Lbs/in³ (9.69 g/cm³)

Casting Temp: 500-565°F (260-296°C)

Recommended Use

- Soft Boutique.

Industry Equivalents

- Hirsch 36CDM

36BH

COMPOSITION: Tin (Sn) 36%
Antimony (Sb) 3%
Lead (Pb) 60%
Cadmium (Cd) 1%

Density: 0.3506 Lbs/in³ (9.72 g/cm³)

Casting Temp: 500-575°F (260-302°C)

Recommended Use

- Cost effective jewelry.

Industry Equivalents

- AIM 36LC, Conquest NC-36BH

36W

COMPOSITION: Tin (Sn) 36%
Antimony (Sb) 3%
Lead (Pb) 61%

Density: 0.3516 Lbs/in³ (9.75 g/cm³)

Casting Temp: 575-675°F (302-357°C)

Recommended Use

- Soft Boutique.

Industry Equivalents

- Aim 36W, Canfield J-363, Conquest NC-36, Hirsch 363



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#365

COMPOSITION: Tin (Sn) 36%
Antimony (Sb) 5%
Lead (Pb) 59%

Density: 0.3482 Lbs/in³ (9.65 g/cm³)

Casting Temp: 575-675°F (302-357°C)

Recommended Use

- Soft Boutique.

Industry Equivalents

- Canfield J-365, Hirsch 365

Special "A"

COMPOSITION: Tin (Sn) 38%
Antimony (Sb) 3%
Lead (Pb) 59%

Density: 0.3487 Lbs/in³ (9.67 g/cm³)

Casting Temp: 575-675°F (302-357°C)

Recommended Use

- Soft Boutique.

Industry Equivalents

- CMC Special A

#60

COMPOSITION: Tin (Sn) 60%
Antimony (Sb) 3%
Lead (Pb) 37%

Density: 0.3166 Lbs/in³ (8.77g/cm³)

Casting Temp: 500-600°F (260-316°C)

Recommended Use

- Textured Pieces.

Industry Equivalents

- Atlas 7604

#68

COMPOSITION: Tin (Sn) 68%
Antimony (Sb) 6%
Lead (Pb) 23%
Cadmium (Cd) 3%

Density: 0.2969 Lbs/in³ (8.22 g/cm³)

Casting Temp: 500-600°F (260-316°C)

Recommended Use

- Textured Pieces.

Industry Equivalents

- AIM 77

70BH

COMPOSITION: Tin (Sn) 70%
Antimony (Sb) 5%
Lead (Pb) 24%
Copper (Cu) 1%

Density: 0.2977 Lbs/in³ (8.25 g/cm³)

Casting Temp: 500-600°F (260-316°C)

Recommended Use

- Textured Pieces.

Industry Equivalents

- Canfield J-570 , Conquest NC-70BH

70M

COMPOSITION: Tin (Sn) 70%
Antimony (Sb) 6%
Lead (Pb) 21%
Cadmium (Cd) 3%

Density: 0.2940 Lbs/in³ (8.14 g/cm³)

Casting Temp: 500-600°F (260-316°C)

Recommended Use

- Textured Pieces.

Industry Equivalents

- Hirsch 70CDM



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#70	
COMPOSITION:	Tin (Sn) 70% Antimony (Sb) 6% Lead (Pb) 24%
Density: 0.2969 Lbs/in ³ (8.22 g/cm ³)	
Casting Temp: 500-600°F (260-316°C)	
Recommended Use <ul style="list-style-type: none">• Textured Pieces.	
Industry Equivalents <ul style="list-style-type: none">• AIM 70, Conquest NC-77, Hirsch 706	

85M	
COMPOSITION:	Tin (Sn) 85% Antimony (Sb) 3% Lead (Pb) 10%
Density: 0.2871 Lbs/in ³ (7.70 g/cm ³)	
Casting Temp: 525-600°F (274-316°C)	
Recommended Use <ul style="list-style-type: none">• Tailored/Filigree.	
Industry Equivalents <ul style="list-style-type: none">• Canfield CAD-85, Hirsch 85CDM	

88M	
COMPOSITION:	Tin (Sn) 88% Antimony (Sb) 1.5% Lead (Pb) 9% Cadmium (Cd) 1.5%
Density: 0.2768 Lbs/in ³ (7.67g/cm ³)	
Casting Temp: 525-600°F (274-316°C)	
Recommended Use <ul style="list-style-type: none">• Tailored/Filigree.	
Industry Equivalents <ul style="list-style-type: none">• Hirsch 88CDM	

#881	
COMPOSITION:	Tin (Sn) 88% Antimony (Sb) 1.5% Lead (Pb) 10% Cadmium (Cd) 0.5%
Density: 0.2778 Lbs/in ³ (7.69 g/cm ³)	
Casting Temp: 525-600°F (274-316°C)	
Recommended Use <ul style="list-style-type: none">• Tailored/Filigree.	
Industry Equivalents <ul style="list-style-type: none">• Hirsch 88M	

#882	
COMPOSITION:	Tin (Sn) 88% Antimony (Sb) 2% Lead (Pb) 8% Cadmium (Cd) 2%
Density: 0.2755 Lbs/in ³ (7.63 g/cm ³)	
Casting Temp: 525-600°F (274-316°C)	
Recommended Use <ul style="list-style-type: none">• Filigree/Fashion work.	
Industry Equivalents <ul style="list-style-type: none">• Canfield CAD-88	

#886	
COMPOSITION:	Tin (Sn) 88% Antimony (Sb) 6% Lead (Pb) 6%
Density: 0.2706 Lbs/in ³ (7.49 g/cm ³)	
Casting Temp: 525-600°F (274-316°C)	
Recommended Use <ul style="list-style-type: none">• Filigree/Fashion work.	
Industry Equivalents <ul style="list-style-type: none">• Conquest NC-88	



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88SP	
COMPOSITION:	Tin (Sn) 88.5% Antimony (Sb) 1.5% Lead (Pb) 8.5% Cadmium (Cd) 1.5%
Density: 0.2761 Lbs/in ³ (7.65 g/cm ³)	
Casting Temp: 450-550°F (232-288°C)	
Recommended Use <ul style="list-style-type: none">• Filigree/Fashion work.	
Industry Equivalents <ul style="list-style-type: none">• AIM SPKP	

88S	
COMPOSITION:	Tin (Sn) 88.5% Antimony (Sb) 2.5% Lead (Pb) 8.5% Cadmium (Cd) 0.5%
Density: 0.2753 Lbs/in ³ (7.63 g/cm ³)	
Casting Temp: 500-550°F (260-288°C)	
Recommended Use <ul style="list-style-type: none">• Fashion pieces.	
Industry Equivalents <ul style="list-style-type: none">• AIM 88.5, Canfield SX-88	

88W	
COMPOSITION:	Tin (Sn) 88.5% Antimony (Sb) 2.5% Lead (Pb) 9%
Density: 0.2753 Lbs/in ³ (7.63g/cm ³)	
Casting Temp: 500-550°F (260-288°C)	
Recommended Use <ul style="list-style-type: none">• Fashion pieces.	
Industry Equivalents <ul style="list-style-type: none">• AIM 88W	

#902	
COMPOSITION:	Tin (Sn) 90% Antimony (Sb) 2% Lead (Pb) 6% Cadmium (Cd) 2%
Density: 0.2726 Lbs/in ³ (7.55 g/cm ³)	
Casting Temp: 500-575°F (260-302°C)	
Recommended Use <ul style="list-style-type: none">• Filigree/Fashion work.	
Industry Equivalents <ul style="list-style-type: none">• Atlas 79010	

#90	
COMPOSITION:	Tin (Sn) 90% Antimony (Sb) 2% Lead (Pb) 8%
Density: 0.2745 Lbs/in ³ (7.60 g/cm ³)	
Casting Temp: 500-575°F (260-302°C)	
Recommended Use <ul style="list-style-type: none">• Tailored/Filigree.	
Industry Equivalents <ul style="list-style-type: none">• Hirsch 90	

#92	
COMPOSITION:	Tin (Sn) 92% Antimony (Sb) 3% Lead (Pb) 5%
Density: 0.2699 Lbs/in ³ (7.47 g/cm ³)	
Casting Temp: 475-525°F (246-274°C)	
Recommended Use <ul style="list-style-type: none">• Filigree/Fashion work.	
Industry Equivalents <ul style="list-style-type: none">• AIM 92	



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9A	
COMPOSITION:	Tin (Sn) 92% Antimony (Sb) 3.5% Lead (Pb) 4% Cadmium (Cd) 0.5%
Density: 0.2685 Lbs/in ³ (7.44 g/cm ³)	
Casting Temp: 475-525°F (246-274°C)	
Recommended Use <ul style="list-style-type: none">● Filigree/Fashion work.	
Industry Equivalents <ul style="list-style-type: none">● Conquest NC-9A	

J44	
COMPOSITION:	Tin (Sn) 92% Antimony (Sb) 4% Lead (Pb) 4%
Density: 0.2682 Lbs/in ³ (7.43 g/cm ³)	
Casting Temp: 475-525°F (246-274°C)	
Recommended Use <ul style="list-style-type: none">● Tailored/Filigree.	
Industry Equivalents <ul style="list-style-type: none">● Atlas 7924, Canfield J-44, Conquest NC-9, Hirsch 9244	

93M	
COMPOSITION:	Tin (Sn) 93% Antimony (Sb) 1.5% Lead (Pb) 4% Cadmium (Cd) 1.5%
Density: 0.2695 Lbs/in ³ (7.46g/cm ³)	
Casting Temp: 450-500°F (232-260°C)	
Recommended Use <ul style="list-style-type: none">● Filigree/Fashion work.	
Industry Equivalents <ul style="list-style-type: none">● AIM 931, Canfield CAD-93, Hirsch 93CDM	

#932	
COMPOSITION:	Tin (Sn) 93% Antimony (Sb) 2% Lead (Pb) 5%
Density: 0.2701 Lbs/in ³ (7.48 g/cm ³)	
Casting Temp: 475-525°F (246-274°C)	
Recommended Use <ul style="list-style-type: none">● Filigree/Fashion work.	
Industry Equivalents <ul style="list-style-type: none">● AIM NM, Canfield 93-L, Hirsch 93L	

J Alloy	
COMPOSITION:	Tin (Sn) 93.5% Antimony (Sb) 1.5% Lead (Pb) 3.5% Cadmium (Cd) 1.5%
Density: 0.2688 Lbs/in ³ (7.44 g/cm ³)	
Casting Temp: 475-525°F (246-274°C)	
Recommended Use <ul style="list-style-type: none">● Filigree/Fashion work.	
Industry Equivalents <ul style="list-style-type: none">● CMC J Alloy	

#95	
COMPOSITION:	Tin (Sn) 95% Antimony (Sb) 2% Lead (Pb) 3%
Density: 0.2672 Lbs/in ³ (7.40 g/cm ³)	
Casting Temp: 475-525°F (246-274°C)	
Recommended Use <ul style="list-style-type: none">● Tailored/Filigree.	
Industry Equivalents <ul style="list-style-type: none">● Hirsch 95	