



M. Vincent & Associates, Ltd.

Specialty Metals



Titanium
Nickel Alloys
Invar - Kovar
Aluminum
Niobium
Stainless Steel
Vacuum Melt Alloys
Aircraft Quality Alloys

Medical & Implant Alloys
Pure Metals to 99.999%
Beryllium Copper
Tungsten
Molybdenum
Magnesium
Tantalum
Cobalt Chrome



M. Vincent & Associates, Ltd.

Specialty Metals

STAINLESS STEEL

Alloy	UNS	ASTM	AMS	Rod	Flat Bar	Plate	Sheet/Strip	Wire	Tube	Foil
316 LVM	S31673	F138, F139		x	x		x	x	x	
455	S45500	Cap.of A564 XM-16	5617	x					x	
465	S46500	F899, A564	5936	x					x	
13-8 MO	S13800	Cap.of A564 XM-13	5629, 2300	x	x	x	x	x		
15-5 PH	S15500	A484, Cap.of A564 XM-12	5659, 5862	x	x	x	x	x		
17-4 PH	S17400	A484, Cap.of A693	5643, 2303	x	x	x	x		x	
17-7	S17700	A564, A693	5528, 5529, 5644	x			x	x		x
303	S30300	A582	5640	x	x	x				
304 VM	S30403	A276	5647	x				x		
309	S30900	A276, A240	5650	x		x	x			
310	S31000	A276, A240	5651, 5521	x		x	x			
316/L	S31603	A276, A240	5648, 5653	x	x	x	x	x	x	x
321	S32100	A276, A240	5645, 5510	x	x		x		x	x
330	N08330	B511, B536	5716, 5592	x		x	x			
410	S41000	A276, A240	5613, 5504	x	x	x	x			x
416	S41600	A582	5610	x	x	x				
420F	S42020	A582, A484	5620 Type 2	x						
430	S43000	A276, A240	5627	x			x			x
430FR		A838 Alloy 2		x						
431	S43100	A276	5628	x						
440C	S44004	A276, A240	5630	x	x	x				
440F SE	S44023	A582	5632 Type 2	x						
Nitronic® 50	S20910	A479 XM-19	5764	x						
Nitronic® 60	S21800	A479, A240, A276	5848	x		x	x			x

NICKEL ALLOYS

Alloy	UNS	ASTM	AMS	Rod	Flat Bar	Plate	Sheet/Strip	Wire	Tube	Foil
200/201	N02200	B160, B161, B162		x		x	x		x	x
205	N02205		4555	x			x	x		
400	N04400	B164, B127	4675	x	x	x	x		x	x
405	N04405	B164	4674	x						
K-500	N05500		4676	x						
600	N06600	B166, B168, B167	5665, 5540	x		x	x		x	x
601	N06601	B166, B168, B167	5870, 5715			x	x			
625	N06625	B446, B443, B444	5666, 5599	x		x	x		x	x
718	N07718	B637, B670	5662, 5596	x		x	x			x
X-750	N07750	B637	5667, 5542, 5598	x		x				x
B-2	N10665	B335		x						
C-22	N06022	B574, B575		x		x				x
C-276	N10276	B574, B575		x		x	x	x	x	x
X	N06002	B572, B435		x		x	x			
Nitinol	N01555	F2063		x			x	x	x	x

ALLOYS

TITANIUM

Alloy	UNS	ASTM	AMS	Rod	Flat Bar	Plate	Sheet/Strip	Wire	Tube	Foil
6AL-4V (Gr 5)	R56400	F1472, B348, B265	4928, 4911	x	x	x	x			
6AL-4V ELI (Gr 23)	R56401	F136, B348, B265	4930, 4907	x	x	x	x	x	x	
CP Gr 1	R50250	F67, B348, B265		x			x	x		x
CP Gr 2	R50400	F67, B348, B265	4902	x	x	x	x	x	x	x
CP Gr 3	R50550	F67, B348, B265	4900	x	x	x	x		x	
CP Gr 4	R50700	F67, B348, B265	4901	x		x	x			
CP Gr 7	R52400	B348, B265		x	x	x	x			
Nitinol	N01555	F2063		x			x	x	x	x

COBALT CHROME

Alloy	UNS	ASTM	AMS	Rod	Flat Bar	Plate	Sheet/Strip	Wire	Tube	Foil
MP35N®	R30035	F562, NACE MR-0175	5844, 5758	x			x	x		
L605®	R30605	F90	5759	x				x		x
CoCr20Ni15Mo7	R30003/08	F1058		x				x		
28Cr-6Mo	R31537	F1537		x						

COPPER, BRASS and BRONZE

Alloy	UNS	ASTM	AMS	Rod	Flat Bar	Plate	Sheet/Strip	Wire	Tube	Foil
172	C17200	B196, B194	4650	x	x	x	x	x	x	x
173	C17300	B196		x						
17510	C17510	B441, B534		x	x	x				x
101	C10100	F68, B152		x	x	x	x	x		x
145	C14500	B301		x	x					
464	C46400	B21	4611, 4612	x	x	x				
510	C51000	B139, B103	4625, 4510	x		x	x			x
630	C63000	B150, B171	4640	x		x			x	
642	C64200	B150	4631	x						
954	C95400	B505		x	x	x			x	

MISCELLANEOUS

Alloy	UNS	ASTM	AMS	Rod	Flat Bar	Plate	Sheet/Strip	Wire	Tube	Foil
Invar® 36	K93601	F1684, B753		x	x	x	x			x
Super Invar® 32-5		F1684		x	x	x				
Kovar®	K94610	F15		x		x	x			x
Alloy 42	K94100	F30		x	x	x	x			x
Alloy 49	K94840	F30, A753		x		x	x			
Alloy 52	N14052	F30		x		x	x			
Hy Mu 80®		A753		x			x			
AZ31 Magnesium	M11311	B107, B90	4375, 4376	x	x	x	x			
ZK60 Magnesium	M16600	B91	4362	x	x					
Niobium				x		x	x	x	x	x
Tantalum				x		x	x	x	x	x
Molybdenum				x		x	x	x	x	x
Tungsten				x	x	x	x	x		x



Vincent Specialty Metals

Where Challenges are Met Everyday

At Vincent we take pride in our knowledge, personal service and customer relationships. Every day we solve material challenges that can consume your valuable time. Our vast inventory of specialty alloys comes fully certified from the best DFARs compliant mills, ready to cut and ship same day. If what you need isn't in stock, we'll source it for you. We maintain an international list of approved suppliers so you don't have to. Our buying power and regular deliveries save you time and money.

We offer:

- Extensive inventory
- Special stocking programs
- ISO 9001 registered quality system
- Saw, Waterjet, and Laserjet cutting
- Precision Ground Blanks to ± 0.0005
- Centerless Grinding to ± 0.0002
- Heat Treatment
- Personal Service - No Voice Mail

Markets We Serve

Since 1980 we've been building long-term relationships with companies both big and small. From small machine shops to top-five medical device manufacturers, we value every opportunity given us.

Vincent is the supplier of choice for industry leaders in:

- Medical Device & Implantables
- Aerospace
- Naval & Defense
- Chemical Processing
- Oil, Nuclear and "Green" Power
- Prototype & Research
- Job Shops & Contract Manufacturers
- Original Equipment Manufacturers

Call us today for quality alloys and customer service you can depend on.



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