



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