

**Service
Steel
Aerospace
Corp.**



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WICHITA, KANSAS
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PHONE 316.768.4040 · FAX 316.821.9125

MATERIALS STOCKED

ROUNDS ■ FLATS ■ SQUARES ■ BILLET ■ BLOCK ■ SHEET ■ PLATE

STAINLESS STEEL	SPECIFICATIONS
15-5, PH, VAR, ESR	AMS 5659, TYPE I & II, BMS 7-240, AMS 5862, ASTM-A-564 (XM-12)
13-8 PH	AMS 5629, DMS 2100, STO160LB0013, ASTM-A-564 (XM-13)
17-4 PH	AMS 5643, AMS 5604, ASTM-A-564 (TYPE 630)
17-7 PH	AMS 5528, MIL-S-25043
301	AMS 5517, AMS 5518, AMS 5519, AMS 5901
303 SU	AMS 5640 TYPE 1, MIL-S-7720, ASTM-A-582, AMS-S-7720, QQ-S-763
303 SE	AMS 5640, TYPE 2, AMS 5641, MIL-S-7720, ASTM-A-582, AMS-S-7720, QQ-S-763
321	QQ-S-763, AMS 5645, AMS 5510, ASTM-A-240, AMS-QQ-S-763
347	AMS 5646, ASTM-A-479, QQ-S-763, ASTM-A-193, ASTM-A-276
418-GREEK	AMS 5616
TITANIUM	SPECIFICATIONS
6AL-4V	AMS 4928, AMS 6931, AMS 4911, AMS 4965, AMS 6930, AMS 4967, AMS 4920, AMS-T-9046 AMS-T-9047, MIL-T-9046, MIL-T-9047, ASTM B-348, ASTM F-1472, BMS 7-269, DMS 1583 DMS 1570, DMS 1592, 770.10251, ASTM B 265
6AL-4V ELI	AMS 4907, AMS 4930, AMS 4931, AMS 6932, AMS-T-9046, AMS-T-9047, MIL-T-9046 MIL-T-9047, ASTM-F-136, BMS 7-269
6AL-6V-2SN	AMS 4971, AMS 4978, AMS 4979, AMS 6935, AMS 6936, AMS 4918, MIL-T-9047 AMS-T-9047, DMS 1887
6AL-2SN-4ZR-2MO	AMS 4975, AMS 4976, AMS 6905, AMS 4919, MIL-T-9047
6AL-2SN-4ZR-6MO	AMS 4981, AMS 6906, AMS 6907, AMS-T-9047, MIL-T-9047, 770.10652, 770.10313
8AL-1MO-1V	AMS 4972, AMS 4973
10V-2FE-3AL	AMS 4984, AMS 4986, AMS 4987
ALLOY STEEL	SPECIFICATIONS
4340 MOD. "300M"	BMS 7-26, AMS 6257, AMS 6417, AMS 6419, CPS 4911, DMS 1935, GM 1012, MTL1201, MAT 137, CE-0896, C-05-1190, MIL-S-8844, CL3, PWA LCS F-17
4340 VAC MELT	AMS 6414, MIL-S-8844 CL1, BPS 299-947-055, PWA LCS F-17, SS 9702, DMS 1555 GRA, BMS 7-28, MIL-S-5000, AMS 6409, AMS 6415, AMS 6484, AMS-S-5000
4340 AIR MELT	BMS 7-28, MIL-S-5000, DMS 1555 GR.B, AMS 6409, AMS 6415, AMS 6484, AMS-S-5000
9310 VAC MELT	AMS 6265, AMS 6267, BPS 299-947-032, EMS 56280, EMS 56279, MIL-S-83030, PWA LCS F-17 AMS 6260, MIL-S-7393, HT-5042
9310 AIR MELT	AMS 6260, MIL-S-7393, HT-5042, PWA LCS F-17
4330 MOD.	BMS 7-122, BMS 7-27, AMS 6411, AMS 6427, GM 1010, MIL-S-8699
M50	AMS 6490, AMS 6491
H-11	AMS 6487, AMS 6488, CPS 4907



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ALLOY STEEL (CONT.)

4130
D6AC
HY TUF
NITRIDING VAC MELT
NITRIDING AIR MELT
9-4-30
8740

SPECIFICATIONS

MIL-S-6758, MIL-S-18729, AMS 6370, AMS 6350, AMS 6345, AMS 6348
AMS-S-6758, AMS-S-18729
AMS 6431, FMS 1011, MIL-S-8949, AMS-S-8949
AMS 6418, AMS 6425, DMS 1841, MIL-S-7108, AMS-S-7108
AMS 6470, AMS 6471, MIL-S-6709, AMS-S-6709, AMS 2300
AMS 6470, AMS 6472, MIL-S-6709
BMS 7-182 TYPE 2, AMS 6526
AMS 6322, MIL-S-6049

MARAGING STEEL

C 250
C 300
C 350

SPECIFICATIONS

AMS 6512, AMS 6520, MIL-S-46850 TYPE IV, S162
AMS 6514, AMS 6521, MIL-S-46850 TYPE IV
AMS 6515, MIL-S-46850 TYPE IV

NICKEL BASE ALLOY

718
625
HASTELLOY X
A-286

SPECIFICATIONS

AMS 5662, AMS 5663, AMS 5664, AMS 5596, B50TF15, ASTM-B-637
AMS 5666, AMS 5599, ASTM-B-446
AMS 5754
AMS 5732, ASTM-A-453, GRADE 660 CL. B, AMS 5737

INVAR

E-36
E-42

SPECIFICATIONS

D-33028, D-33000, ASTM-A-B753
D-33028, D-33000, ASTM-A-B753

BERYLLIUM COPPER

172

SPECIFICATIONS

AMS 4851, AMS 4533, AMS 4534, ASTM B-196, ASTM B570, QQC 530
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SPECIALTY ALLOY

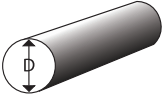
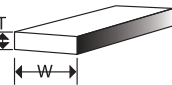
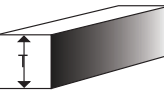
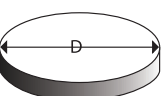
AERMET 100

SPECIFICATIONS

AMS 6532, MIL HDBK-5, MMS 217, UNS K92580

WEIGHT FORMULAS

(Bar weights based on: steel, .2833 lb. per cubic in./titanium, .1600 lb. per cubic in./nickel alloy .2970 lb. per cubic in.)

<p>ROUNDS</p>  <p>Steel: Lbs. per lineal foot = $D^2 \times 2.669$ Lbs. per lineal inch = $D^2 \times .2224$</p> <p>Titanium: Lbs. per lineal foot = $D^2 \times 1.507$ Lbs. per lineal inch = $D^2 \times .1256$</p> <p>Nickel Alloy: Lbs. per lineal foot = $D^2 \times 2.798$ Lbs. per lineal inch = $D^2 \times .2331$</p>	<p>FLATS</p>  <p>Steel: Lbs. per lineal foot = $T \times W \times 3.40$ Lbs. per lineal inch = $T \times W \times .2833$</p> <p>Titanium: Lbs. per lineal foot = $T \times W \times 1.92$ Lbs. per lineal inch = $T \times W \times .16$</p> <p>Nickel Alloy: Lbs. per lineal foot = $T \times W \times 3.564$ Lbs. per lineal inch = $T \times W \times .2970$</p>	<p>SQUARES</p>  <p>Steel: Lbs. per lineal foot = $T^2 \times 3.40$ Lbs. per lineal inch = $T^2 \times .2833$</p> <p>Titanium: Lbs. per lineal foot = $T^2 \times 1.92$ Lbs. per lineal inch = $T^2 \times .16$</p> <p>Nickel Alloy: Lbs. per lineal foot = $T^2 \times 3.564$ Lbs. per lineal inch = $T^2 \times .2970$</p>	<p>CIRCLES</p>  <p>Steel: Wt. of Circle in lbs. = $D^2 \times T \times .2224$</p> <p>Titanium: Wt. of Circle in lbs. = $D^2 \times T \times .1256$</p> <p>Nickel Alloy: Wt. of Circle in lbs. = $D^2 \times T \times .2331$</p>
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