



A. M. Castle & Co. USA

LINE CARD

METAL BUYER'S QUICK GUIDE

ALLOY

BAR

E3310 BQ
4130
4130 MOD
4130 NQ&T
E4130 AQ
4140
E4140 AQ
E4140 HT RC 18/22
41L40
4145
E4145 MOD
4150
4320
E4320 AQ
E4330 VAR AQ
E4330V
4340
E4340 AQ
E4340 300M AQ
E4340 VAR AQ
4820
E52100 AQ BQ
E52100 VAR
E6150 AQ
8620
E8620 AQ & BQ
8630
E8740 AQ
8822
E9310 AQ BQ
E9310 VAR
API 6A
ASTM A193-B7
ASTM A193-B16
ASTM A434-BC
NITRIDING 135 MOD. AQ
e.t.d.150⁽¹⁾
Supercut 150⁽²⁾

PLATE

4130
4140/4142
4340
8620
ASTM A514

SHEET

E4130

TUBE, PIPE

4140/4142 HFSM
E8620 BQ HFSM

ALUMINUM

BAR

2011
2017
2024
4032
6020
6061
6063
6262
7050
7068
7075

PLATE

2024
2124
2219
2524
3003
5052
5086
6061
7050
7075
7475

SHEET, COIL

1100
2024
2024 ALCLAD
3003
5005
5052
5086
6061
7075
7075 ALCLAD

TUBE, PIPE

2024
5052
6061
6063
7075

EXTRUSIONS

2014
2024
6061
6063
7050
7075
7150
7178
7249

CARBON

BAR

1018
1035
1040
1045
10V45
1045/50 Chrome Shafting
1117
1137
1141
11L41
1144
11L44
12L14
12L14 TE
12L14 SE
1215
FATIGUE-PROOF⁽³⁾
NITROSTEEL⁽³⁾
ProCut⁽⁴⁾ 12L14
STRESSPROOF⁽⁵⁾
ASTM A311
STRESSPROOF⁽⁵⁾ G&P
ASTM A311
VIKING 125⁽⁴⁾

PLATE

1045 MEDIUM CARBON
ASTM A36
ASTM A516 Gr70
ASTM A572

TUBE, PIPE

1020/1026 DOM
1026 CDSM
1026/A106 B/C HFSM

COBALT

BAR

Alloy 188
ASTM F1537/ISO 5832-12
CCM Alloy 1
CCM Alloy 2
(High Carbon)
ASTM F562/ISO 5832-6
MP35N
ASTM F90/ISO 5832-5
L605

SHEET, COIL

Alloy 188
L605

NICKEL

BAR*

200
400
405
600
601
617
625
718 AMS, NACE
800
825
925
C-276
HX
K-500
X-750

PLATE*

200
400
600
601
625
718
800 H/HT
825
C-276
HX
K-500

SHEET, COIL*

200
400
600
601
617
625
718
800 H/HT
825
C-276
HX
K-500
X-750

STAINLESS

BAR

13Cr-8Ni (13-8Mo)
15Cr-5Ni (15-5 PH)
17Cr-4Ni (17-4 PH)
17Cr-4Ni H900
(17-4 H900)
17Cr-4Ni H1150
(17-4 H1150)
303
304/304L
304 Chrome Shafting
316/316L
316L Chrome Shafting
321
347
410
416
420
422
440 A
440 C
A-286
ASTM F138/ISO 5832-1
316LS/LVM
Custom 455⁽⁵⁾
Custom 465⁽⁵⁾
Custom 630⁽⁵⁾ (17-4)
Custom 630⁽⁵⁾ Project 70⁽⁵⁾
X15TN
XM-19

PLATE

15Cr-5Ni (15-5 PH)
17Cr-4Ni (17-4 PH)
304
304L
316
316L
321
A-286

SHEET, COIL

15Cr-5Ni (15-5 PH)
17Cr-4Ni (17-4 PH)
300 Series Tempered
301
302
304/304L
305
309
310
316/316L
321
347
409
410
420
430
439
441
A-286

TITANIUM

BAR

ASTM F136/ISO 5832-3
6Al-4V ELI (Grade 23)
ASTM F1472/ISO 5832-3
6Al-4V (Grade 5)
ASTM F67/ISO 5832-2
CP, Grade 1
CP, Grade 2
CP, Grade 3
CP, Grade 4
Ti-6Al 7B

PLATE

ASTM F136/ISO 5832-3
6Al-4V ELI (Grade 23)
ASTM F1472/ISO 5832-3
6Al-4V (Grade 5)
ASTM F67/ISO 5832-2
CP, Grade 1
CP, Grade 2
CP, Grade 3
CP, Grade 4
Ti-6Al-2Sn-4Zr-2Mo

SHEET, COIL

ASTM F136/ISO 5832-3
6Al-4V ELI (Grade 23)
ASTM F1472/ISO 5832-3
6Al-4V (Grade 5)
ASTM F67/ISO 5832-2
CP, Grade 1
CP, Grade 2
CP, Grade 3
CP, Grade 4
Ti-6Al-2Sn-4Zr-2Mo



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Aerospace



Industrial



Medical

PROCESSING & SERVICES



A. M. Castle & Co. USA

METALS SUPPLY & PROCESSING FOR AEROSPACE, INDUSTRIAL AND MEDICAL MANUFACTURING

PROCESSING

BAR

ANNEALING
BAND SAWING
BORING
CENTERLESS GRINDING
CHAMFERING
FACING AND CENTERING
HEAT-TREATING
MACHINING
NORMALIZING
PRECISION SAWING
QUENCHING AND TEMPERING
ROUGH TURNING
STRESS RELIEVING
TREPANNING
TURNING AND POLISHING
TURNING, GRINDING AND POLISHING
ULTRASONIC TESTING
(NADCAP CERTIFIED)
WATERJET CUTTING

PLATE

ABRASIVE SAWING
ANNEALING
BAND SAWING
BELT GRINDING
BEVELING
COLD SAWING
CONICAL BURNING
CONTOUR SAWING
DOUBLE DISC GRINDING
EDGE CONDITIONING
FLAME CUTTING
FLATTENING
FORMING
HEAT-TREATING
HI-DEF PLASMA-CUTTING
LASER CUTTING
MILLING
PLANING
POST-HEATING
PRE-HEATING
RECIPROCAL GRINDING
ROTARY GRINDING
SHEARING
SHOT BLASTING
SURFACE GRINDING
TWIN MILLING
WATERJET CUTTING

SHEET, COIL

ANODIZING
CUT-TO-LENGTH
EDGING
LASER CUTTING
ROLL COATING
ROLLER LEVELING
SHEARING
SLITTING
WATERJET CUTTING

TUBE

BORING
CENTERLESS GRINDING
HONING
LATHE CUTTING

SERVICES

BAR CODING
DE-MAGNETIZING
DEMAND AGGREGATION
EDI-ANSI X-12
INVENTORY MANAGEMENT
KANBAN
KITTING
LEAN PROCESS

LINE MARKING
NEAR-NET SHAPES SUPPLY
POINT-OF-USE SUPPLY
ROTO-TESTING
SPECTROGRAPHIC ANALYSIS
TENSILE TESTING
ULTRASONIC TESTING

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Shanghai, Peoples Republic of China



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Nantes (Saint-Nazaire), Pays de la Loire, France



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Warsaw, Indiana
Wichita, Kansas
Windsor, Connecticut



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