



**INGOT • MASTER ALLOYS
BAR • BILLETS • SLABS
EXCLUSIVE NITRONIC SOURCE**

ELECTRIC ARC FURNACE MELTED / AOD REFINED

AUSTENITIC STAINLESS STEEL

303*	316N/316LN	NITRONIC® 30
304/304H/304L*	317/317L	NITRONIC® 32
304N/304LN	321/321H	NITRONIC® 33
308L	330	NITRONIC® 40
309/309S	347/347H	NITRONIC® 50
310/310S	348	NITRONIC® 60
316/316L*	F44	

*SPEED-E-MAC® AVAILABLE IN BARS

FERRITIC STAINLESS STEEL

430 409 409CB

MARTENSITIC STAINLESS STEEL

403	420	EC125
410	422	F6NM
410CB	440C	P91
416*		13CR4NI

*SPEED-E-MAC® AVAILABLE IN BARS

DUPLEX STAINLESS

F-51 (UNS S31803)	EC255 (UNS S32550)
EC32750 (F-53 • UNS S32750)	2205 (UNS S31803)
F-60 (UNS 32205)	EC25540 (HI PREN.)

COPPER NICKEL ALLOYS

EC71500 (70/30 CU-NI)	EC63000 (NIALBR)
EC70600 (90/10 CU-NI)	EC63200 (NIALBR)

NICKEL ALLOYS

EC200/EC201	EC600	ECHX
EC276	EC601	EC825
EC690	EC625	904L
EC400	EC800/EC800H	
ECK500	EC800AT	

MASTER ALLOY

CA15	CF8C	CN7M
CA40	CF3M	CN2MCU
CA120	CF8M	CD3MN
CA6NM	NITRONIC® 60	CD4MCUN
CB7CU-1/CU2	CG3M	HP
NITRONIC® 50	CG8M	HK
CF3	CH20	HT
CF8	CK20	HH

PRECIPITATION HARDENING

15-5 17-4 A286 16-5-1 EC450

CUSTOM CHEMISTRIES AND PROPRIETARY SPECIFICATION UPON REQUEST

NITRONIC® IS A REGISTERED TRADEMARK OF AK STEEL

ELECTRALLOY
G.O. CARLSON, INC.

175 MAIN STREET • OIL CITY, PA 16301 • WWW.ELECTRALLOY.COM • SALES@ELECTRALLOY.COM
PHONE: 800-458-7273 • PHONE: 814-678-4100 • FAX: 814-678-4172 • FAX: 814-678-1342

1-2016



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ELECTRIC ARC FURNACE MELTED / AOD REFINED / REMELTED VAR / ESR

VACUUM ARC REMELT (VAR)

304/304L	422	A286	9310
316/316L	440C	300M	D6AC
321/321H	EC450	4330	HP9-4-20
347/348	15-5	4340	HP9-4-30
403/410	17-4	NICRMO	EC625
403CB/410CB			

VAR CRUCIBLES:
20", 22", 24", 30", 33", 36", 40" ROUNDS
INGOT CONDITIONING AND CROPPING
ARE AVAILABLE
CUSTOM CHEMISTRIES AND PROPRIETARY
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ELECTRODE SLAG REMELT (ESR)

304/304L	GREEK ASCOLOY 418	ECHX	EC32750
316/316L	EC625	EC276	F6NM
321/321H	EC690	EC6022	A286
347/348	EC800/H/AT	15-5	NITRONIC® 32
403/410	EC825	17-4	NITRONIC® 33
410CB	C20 PLUS	EC450	NITRONIC® 40
420	EC926MO	N-155	NITRONIC® 50
422	EC71500	EC400	NITRONIC® 60
EC600	EC255	ECK500	
600CB	EC25540	F44	

ESR CRUCIBLES:
12" X 42", 22" X 55" SLAB
17", 20", 24", 30", 36", 40", 44" ROUNDS
INGOT CONDITIONING AND CROPPING
ARE AVAILABLE
CUSTOM CHEMISTRIES AND PROPRIETARY
SPECIFICATION UPON REQUEST
ALLOYS CAN BE DOUBLE OR TRIPLE
MELTED PER SPECIFICATION

PRODUCTION CAPABILITIES

INGOTS.....	13" SQUARE TO 70" FLUTED ROUNDS 1,900 TO 63,500 POUNDS
PIGS.....	15 POUND HALF ROUNDS - 52,000 POUND HEAT LOTS
BARS.....	STAINLESS STEEL 4" TO 24" DIAMETER ROUNDS SPECIALTY AND NICKEL .500" - 18" DIAMETER ROUNDS NITRONIC® .500" - 16" DIAMETER ROUNDS
BILLETS.....	4" - 36" RCS. SURFACE CONDITIONING BY GRINDING 3/4" - 36" ROUNDS SURFACE CONDITIONING BY GRINDING OR PEELING
FORGED BLOCKS.....	4" X 18" TO 12" X 25"
SLABS.....	4" X 15" TO 10" X 42"
NITRONIC® WELD WIRE.....	COIL ROD 0.219" - 1" ROUND WELD WIRE .035", .045", .062" IN 30 POUND SPOOLS NITRONIC® 50W (AWS A5.9-93 ER209) NITRONIC® 60W (AWS A5.9-93 ER218)
G.O. CARLSON PLATE.....	3/16" - 10" THICKNESS. UP TO 126" WIDE IN LENGTHS TO 480". IN STAINLESS, NICKEL ALLOYS, NITRONIC® AND OTHER SPECIALTY CUSTOM GRADES
CONVERSION OR RECLAMATION MELTING.....	AOD, ESR OR VAR
GOC CONVERSION SERVICES.....	PEELING, POLISHING, SAWING, CONDITION GRINDING, HEAT TREAT, QUENCH CAPABILITIES, SAWING AND PLATE SAWING
FULL CHEMISTRY LAB SERVICE.....	OPTICAL EMISION, X-RAY SPECTROMETES, C/S, N/O, H ANALYZER UNITS



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