

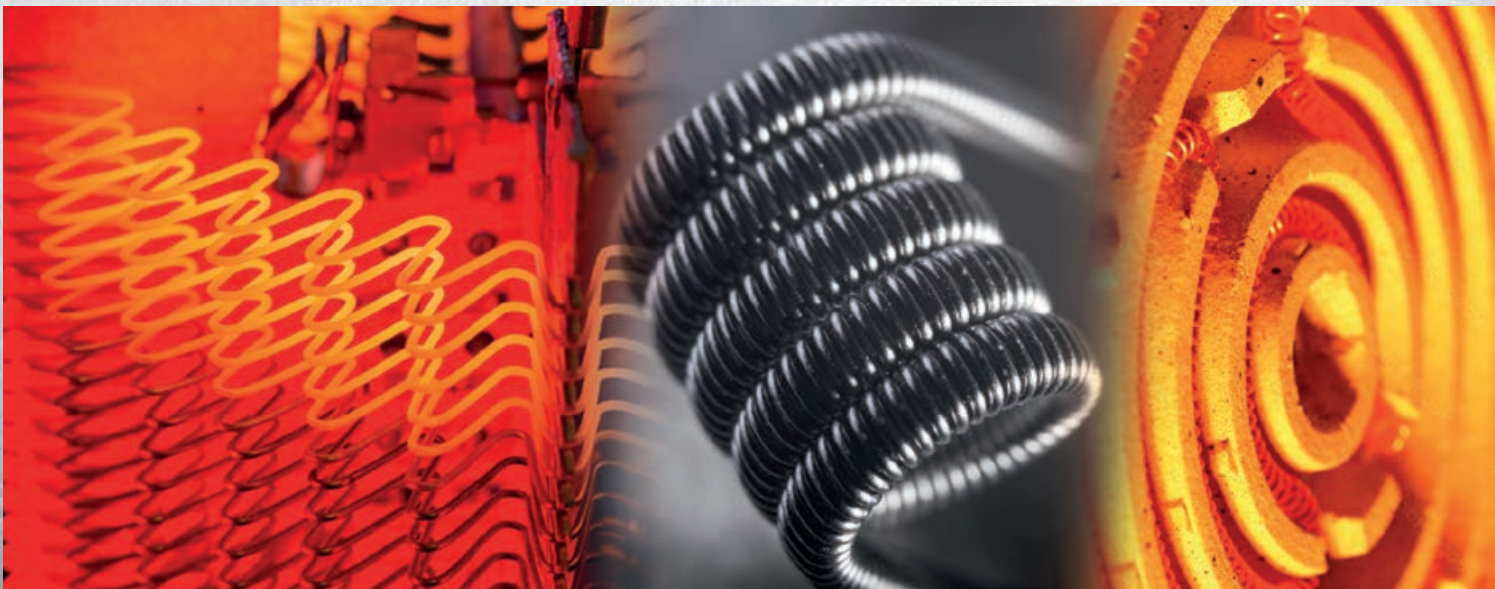


BGH

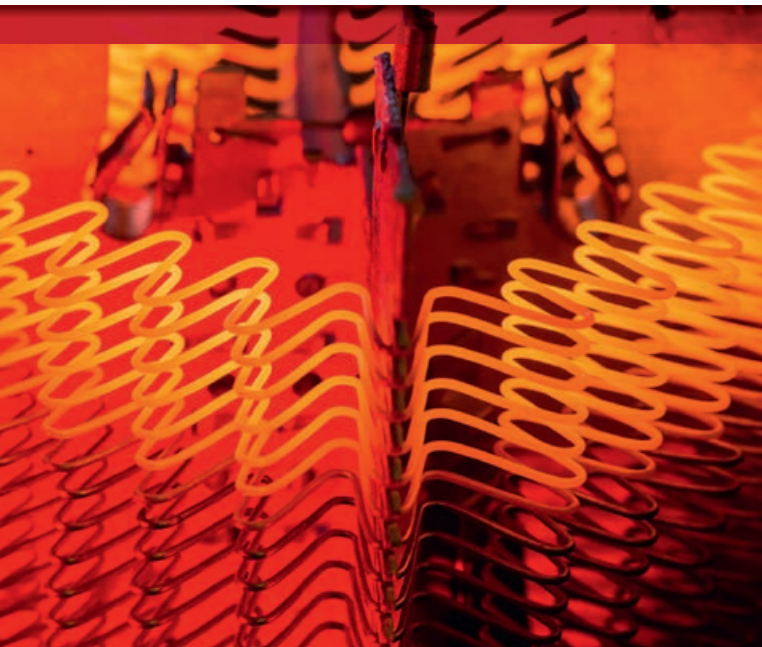
Excellence in Specialty Steel

PREMIUM ALLOYS

Nickel-Chromium Alloys – Ferro-Chromium Alloys



**HEATING ELEMENTS FOR HIGH TEMPERATURE FURNACES – HEATING CABLES
CONTROL & LOAD – RESISTORS – BURNER HEADS AND COVERS – WIRES FOR
THERMAL SPRAYING – CARRIERS FOR CATALYSTS – WIRE MESH CONVEYOR BELTS**



FROM PERFECTED TECHNOLOGY TO HIGH QUALITY ALLOYS THROUGH:

- EAF/VIM melting, AOD/VOD secondary refining and ESR/VAR remelting enables the production of materials with a high degree of metallurgical purity
- Superior reliability in steel processing ensured by fully controlled production from melting to dispatch
- World class in-house heat treatment facilities
- 100% UT-tested on state-of-the-art automatic testing equipment
- Modern in-house laboratories
- Application-driven R&D to benefit our customers
- Production according to ASME and NACE requirements
- Certified to international standards ISO 9001, ISO 50001, ISO TS 16949 (Lugau plant)
- Approved by e.g. ABS, GL, TÜV, LRS, DNV, BV and major leading Oil & Gas companies



NiCr GRADES

Grade	UNS	DIN EN	for use at temperatures up to °F (°C) ¹	electrical resistivity circ.mil-Ω/ft (Ω·mm ² /m)	Gauge [AWG]	Inch ["]	Millimeters [mm]
NiCr 80 20	N06003	2.4869	2192 (1200)	650 (1,08)	0 – 38	0,004 – 0,3248	0,10 – 8,25
NiCr 70 30	N06008	2.4658	2280 (1250)	698 (1,16)	1 – 38	0,004 – 0,2894	0,10 – 7,35
NiCr 60 15	N06004	2.4867	2010 (1100)	668 (1,11)	5 – 38	0,004 – 0,1819	0,10 – 4,62
NiCr 30 20	–	1.4860	1920 (1000)	625 (1,04)	5 – 38	0,004 – 0,1819	0,10 – 4,62

FeCr GRADES

FeCrAl 14 4	K91670	1.4725	1832 (1000)	752 (1,25)	5 – 38	0,0040 – 0,1819	0,10 – 4,62
FeCrAl 20 5	K92400	1.4767	2192 (1200)	824 (1,37)	3 – 38	0,0040 – 0,2295	0,10 – 5,83
FeCrAl 20 5 +Y	–	1.4767+Y	2192 (1200)	824 (1,37)	5 – 38	0,0040 – 0,1819	0,10 – 4,62
FeCrAl 25 5	92500	1.4765	2372 (1300)	866 (1,44)	5 – 38	0,0040 – 0,1819	0,10 – 4,62

CONDITION ON DELIVERY

WIRE

Annealed
Bright drawn

SUPPLY FORM

Coils
Spools
Drums



ALWAYS CLOSE AT HAND AND FLEXIBLE DELIVERIES FROM

- Macedonia (Ohio, USA)
- Lugau (Germany)
- Nettetal (Germany)
- Katowice (Poland)



Other grades available upon request, chemistry, heat treatment and delivery condition can be tailored to customers specific requirements.



BGH (BoschGotthardsHuette) is a privately held, German-based specialty steel mill with six production plants in Europe. Our fully integrated production process – from melting to the final product – guarantees the highest quality specialty steel. Our products range from fine wire to forged bars as well as open-die forgings.

Customized logistic solutions are available to serve your business from several European and American stocking locations. We have a global distribution network and have been successfully operating on an international level for decades.

AMERICAN SERVICE WITH GERMAN COMMITMENT TO QUALITY AND TECHNOLOGY

BGH Specialty Steel, Inc.
8190 Roll and Hold Parkway, Suite C
Macedonia, Ohio 44056
United States
Phone: +1-330-468-0375
Email: sales@bghsteel.com

www.bgh.de

BGH Edelstahl Lugau GmbH
Gleisstr. 12
09385 Lugau
Germany
Phone: +49 37295 29-0
Email: info.lugau@bgh.de

www.bgh.de

