



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 domestic stocking locations.

**AMERICAN SERVICE WITH
GERMAN COMMITMENT TO QUALITY AND TECHNOLOGY**

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PREMIUM STEEL
Arms Technology





FROM PERFECTED TECHNOLOGY TO HIGH QUALITY STEEL 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
- > All bars tested for surface defects by eddy current testing
- > Modern in-house laboratories
- > Application-driven R&D to benefit our customers
- > Certified to international standards ISO 9001, ISO 14001 and ISO 50001
- > Approved by major gun manufacturers in Europe and North America
- > Fully DFAR compliant



BGH GUN BARREL STEEL SUITABLE FOR:

- > Hammer Forging, Gun Drilling, Rifling, Cold Forming, Machining

PRE MATERIAL FOR:

- > Gun Barrel, Bolt, Bolt Carrier, Slides, Suppressor/Silencer, Firing & Push Pins, Choke Tubes



STEEL GRADES (other grades available upon request)

AISI	UNS	DIN EN (~)
416R	S41600	1.4005
416	S41600	1.4005
410	S41000	1.4006
420	S42000	1.4021
17-4 PH (630)	S17400	1.4542
8620	G86200	1.6523
9310		1.6657
4140	G41400	1.7225
4150	G41500	1.7228
41V50		1.7701

(CrMoV according to MIL-B-11595E(AR))

CONDITION ON DELIVERY

DIMENSIONS	Round bars, hot rolled: 0.55" – 6.00" Round bars, cold drawn: 0.03" – 0.79" Flat bars, hot rolled: H 0.20" – 2.80" by W 1.20" – 9.80"
FINISH	Round bars: Peeled, peeled and polished Flat bars: Pickled or shot blasted
HEAT TREATMENT	Hardened & tempered – fully stress relieved to 28-32 HRC, 38-42 HRC or annealed – other heat treatment conditions available upon request
QUANTITIES	6,600 lbs to heat lot (3,300 lbs for trial orders)

- > Chemistry, heat treatment and delivery condition can be tailored to customer specific requirements