

INCOLOY® 800 / 800H / 800HT®

Common Names			
Incoloy 800	Alloy 800	UNS N08800	1.4876
Incoloy 800H	Alloy 800H	UNS N08810	1.4958
Incoloy 800HT	Alloy 800HT	UNS N08811	1.4959

Chemical Composition, %

Material Grade	Ni	Cr	Fe	C	Al	Ti	Al+Ti
Incoloy 800	30.0-35.0	19.0-23.0	39.5 min	.10 max	.15-.60	.15-.60	.30-1.20
Incoloy 800H	30.0-35.0	19.0-23.0	39.5 min	.05-.10	.15-.60	.15-.60	.30-1.20
Incoloy 800HT	30.0-35.0	19.0-23.0	39.5 min	.06-.10	.25-.60	.25-.60	0.85-1.2

ASTM Specifications

Alloy	Pipe Smls	Pipe Welded	Tube Smls	Tube Welded	Sheet/Plate	Bar	Forging	Fitting
Alloy 800 (UNS N08800)	B407	B154	B163	B515	B409	B408	B564	B366
Alloy 800H (UNS N08810)	B407	B154	B163	B515	B409	B408	B564	B366
Alloy 800HT (UNS N08811)	B407	B154	B163	B515	B409	B408	B564	B366

Mechanical Properties

Typical room temperature Tensile Properties of Annealed Material

Product	Tensile (ksi)	.2% Yield (ksi)	Elongation (%)
Rod & Bar	75-100	30-60	60-30

In what forms is Incoloy® 800/800H/HT available?

- Sheet
- Plate
- Bar

Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL:+86 19069638227 Email:info@manufacturerpipe.com

- Pipe & Tube (welded & seamless)
- Fittings (i.e. flanges, slip-ons, blinds, weld-necks, lapjoints, long welding necks, socket welds, elbows, tees, stub-ends, returns, caps, crosses, reducers, and pipe nipples)
- Wire

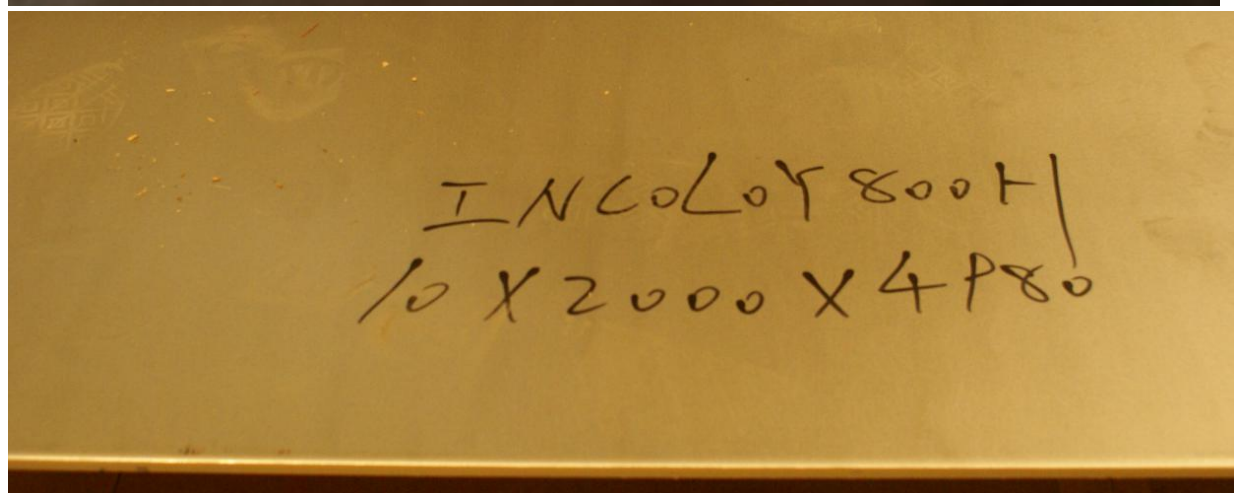
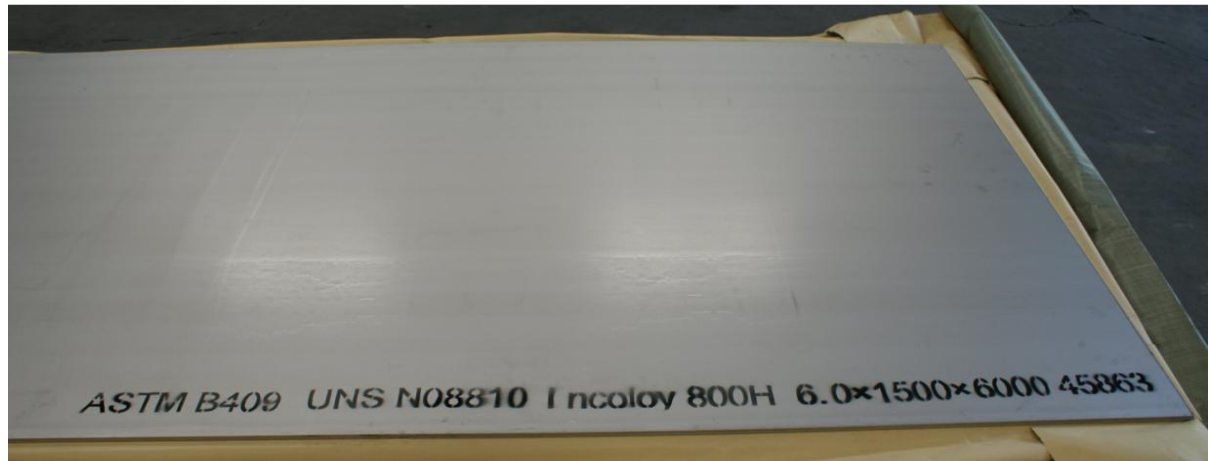
Product Picture

Steel Pipe Tube



Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL:+86 19069638227 Email:info@manufacturerpipe.com

Steel Plate



Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL:+86 19069638227 Email:info@manufacturerpipe.com

Forgings

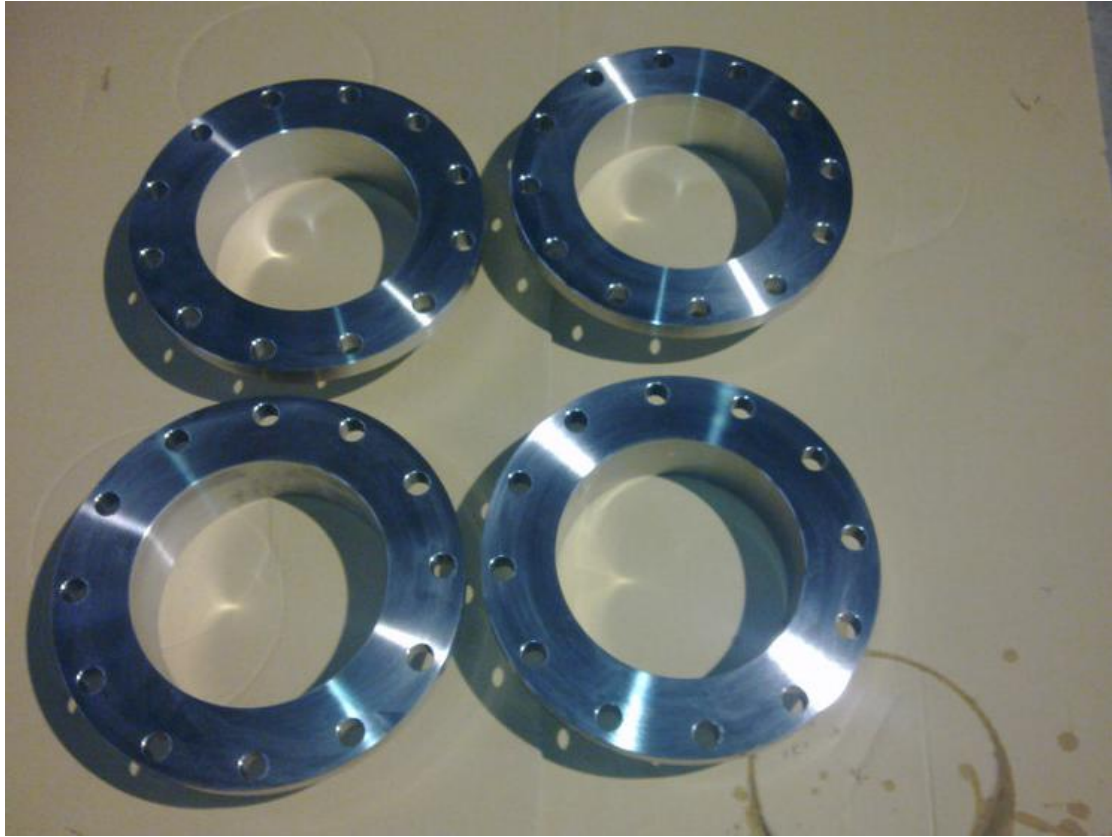


Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL: +86 19069638227 Email: info@manufacturerpipe.com

Steel Flange



Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL: +86 19069638227 Email: info@manufacturerpipe.com



Fastener

Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL:+86 19069638227 Email:info@manufacturerpipe.com



Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL: +86 19069638227 Email: info@manufacturerpipe.com



Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL:+86 19069638227 Email:info@manufacturerpipe.com

BW Fittings



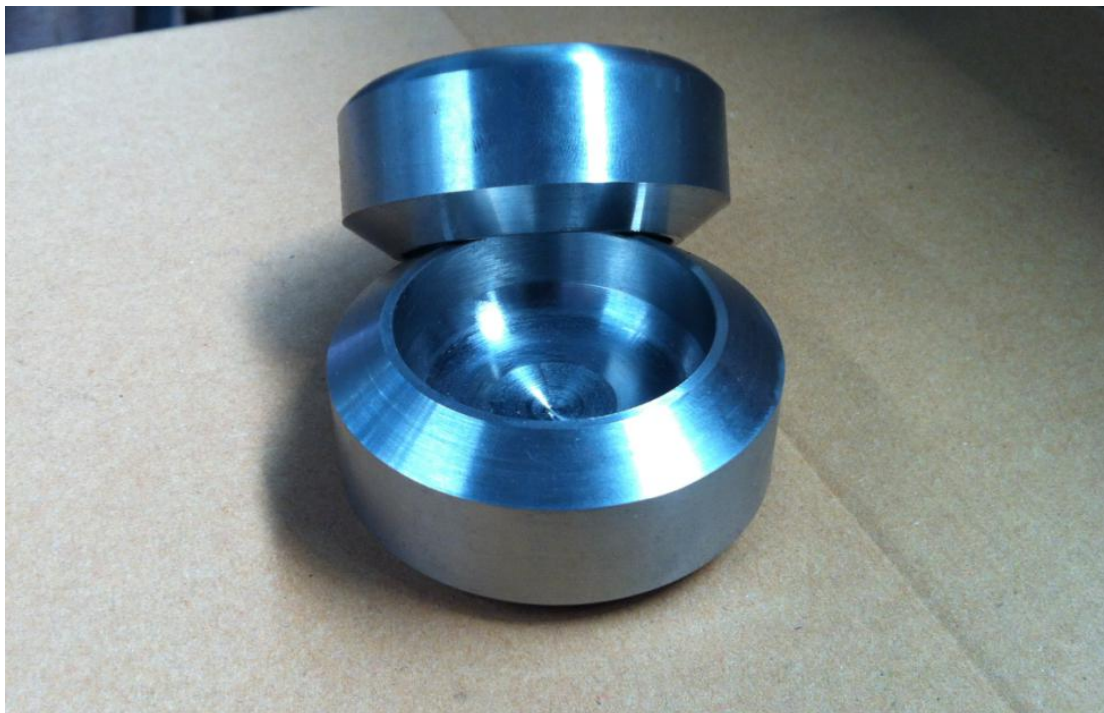
Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL: +86 19069638227 Email: info@manufacturerpipe.com



Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL:+86 19069638227 Email:info@manufacturerpipe.com



SW Fittings



Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL:+86 19069638227 Email:info@manufacturerpipe.com



Threaded Fittings

Henan Shuangzhong Intelligent Technology Co. , Ltd.
河南双众智能科技有限公司
Building 1, Hengfeng Technology Innovation Center, Ruyun Road,
Zhengzhou Airport Economic Comprehensive Experimental Zone,
Henan, China
TEL:+86 19069638227 Email:info@manufacturerpipe.com

