



# Jin Ming Jian De steel

## Different Standard

### 301 stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	1Cr17Ni7	C≤0.15, Mn≤2.00, Si ≤1.00, P≤0.045, S≤0.030, Cr 16.0~18.0, Ni 6~8, N≤0.10	Annealed, hot rolled/cold rolled	≥205	≥520	≥40	HV≤200
USA	301						
JIS	SUS301						
German	/						

### 304 stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	0Cr18Ni9	C≤0.08, Mn≤2.00, Si ≤1.00, P≤0.045, S≤0.030, Cr 18.0~20.0, Ni 8~11	Annealed, hot rolled/cold rolled	≥205	≥520	≥30	HV≤200
USA	304						
JIS	SUS304						
German	1.4301						

### 304L stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	00Cr19Ni10	C≤0.030, Mn≤2.00, Si ≤1.00, P≤0.045, S≤0.030, Cr 18.0~20.0, Ni 8~12	Annealed, hot rolled/cold rolled	≥170	≥480	≥40	HV≤200
USA	304L						
JIS	SUS304L						
German	1.4306						

316 stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	0Cr17Ni 12M02	C≤0.08 , Mn≤2.00 , Si ≤1.00 , P≤0.045 , S≤0.030 , Cr 16.0~18.0,Ni 10.0~14.0 , Mo 2.00~3.00	Annealed ,hot rolled/cold rolled	≥205	≥520	≥40	HV≤200
USA	316						
JIS	SUS316						
German	1.4401						

316L stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	00Cr17Ni 14M02	C≤0.030 , Mn≤2.00 , Si ≤1.00 , P≤0.045 , S≤0.030 , Cr 16.0~18.0,Ni 10.0~ 14.0 , Mo 2.00~3.00	cold rolled	≥177	≥485	≥40	HV≤200
USA	316L						
JIS	SUS316L						
German	1.4435						

321 stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	1Cr18Ni9Ti	C≤0.08 , Mn≤2.00 , Si ≤0.75 , P≤0.045 , S≤0.030 , Cr 17.0~19.0,Ni 9.0~ 12.0 , N≤0.10 , Ti ( 5x ( C+N ) ) ~0.70	Annealed ,hot rolled	≥205	≥518	≥40	HV≤200
USA	321						
JIS	SUS321						
German	1.4541						

309S stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	0Cr23Ni 13	C≤0.08 , Mn≤2.00 , Si ≤1.00 , P≤0.045 , S≤0.030 , Cr 22.0~24.0,Ni 12.0~ 15.0	Annealed ,cold rolled	≥205	≥520	≥40	HV≤200
USA	309S						
JIS	SUS309S						
German	/						

## 310S stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	0Cr25Ni20	C≤0.08 , Mn≤2.00 , Si ≤1.50 , P≤0.045 , S≤0.030 , Cr 24.0~26.0,Ni 19.0~22.0	Annealed ,cold rolled	≥205	≥520	≥40	HV≤200
USA	310S						
JIS	SUS310S						
German	/						

## 2205 stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	00Cr24Ni6M03N	C≤0.03 , Mn≤2.00 , Si ≤1.00 , P≤0.030 , S≤0.020 , Cr 21.0~23.0,Ni 4.5~6.5,Mo 2.5~3.5,N 0.08~0.20	Annealed ,cold rolled	≥450	≥620	≥18	HV≤320
USA	S31803/S32205						
JIS	SUS329J3L						
German	1.4462						

## 444 stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	00Cr18M02	C≤0.025 , Mn≤1.00 , Si ≤1.00 , P≤0.040 , S≤0.030 , Cr 17.5~19.5,Ni 1.00 ,Mo 1.75~2.50 ,N≤0.035 , ( Ti+Nb ) ( 0.20+4x ( C+N ) ) ~0.80	Annealed ,hot rolled/cold rolled	≥275	≥410	≥20	HV≤230
USA	444						
JIS	SUS444						
German	1.4521						

904L stainless steel

Standard	Grade	Chemical Composition %	Temper	Yield strength/ Mpa	Tensile strength/ Mpa	Elongation %	Hardness
GB	0Cr20Ni25SiMn4.5Cu	C≤0.02 , Mn≤2.00 , Si ≤1.00 , P≤0.045 , S≤ 0.035 , Cr 19.0~23.0,Ni 23~28 , Mo 4~5 , Ni 23~28,Cu 1.0~2.0	Annealed ,hot rolled/cold rolled	≥220	≥490	≥36	HV≤150
USA	N08904						
JIS	/						
German	1.4539						

Tel: 86 0510 8899 2105 or 86 189 6174 6817

Email: [sales01@wxjmdss.com](mailto:sales01@wxjmdss.com)

Linkedin: <https://www.linkedin.com/company/jmjdsteel/>

Youtube: [https://www.youtube.com/channel/UCsH\\_EaPATsBQsMMhoV7C33w](https://www.youtube.com/channel/UCsH_EaPATsBQsMMhoV7C33w)

Facebook: <https://www.facebook.com/SSteelFactory>

Office Address: 2102-2105, Yuexing Building, Guangyi Road, Liangxi District, Wuxi, Jiangsu, CN

Factory Address: Metal Materials Market #7, Dongbei Tang District Xishan, Wuxi, Jiangsu, CN

@WUXI JIN MING JIAN DE INDUSTRY & TRADE CO., LTD. | Zip: 214000

web: [www.steeltld.com](http://www.steeltld.com)