



Stainless Steel

Catalogue

I. Stainless steel Bar

材质	尺寸	表面	EXW 元/吨
304	DIA65-130MM	黑皮	16000
304	DIA6-60MM	光亮	19000
316	DIA10-130MM	光亮	24500
316	DIA10-130MM	黑皮	22000

Stainless steel bar

Stainless Steel Bar including Hot Working Bar and Cold Working Bar

常用材质 Grade:

ASTM201,201+Cu,202,204+Cu,205,301,303,302,304,304L,305,308,308L,309,309L,310,310S,316,316L,316Ti,316LN,317,317L,

321,329,347, ,409,410,416,420,430,430F,431,446,630,631,2205,S31803,s32750 or customed

执行标准 Manufacture Standard:

(ASTMA276-96)(ASTM582) (ASTM564) (GB/T4226-84) (GB1200-93) (GB/T4240-93) (GB/T4232-93) (ASTMA484-96) SUS,JIS, EN, DIN, ETC

提供规格 Sizes: \varnothing 3- \varnothing 800mm

交货状态 Supplied conditions: 热轧, 热锻, 酸白, 喷砂, 剥皮, 冷拉光亮, 抛光

6-60mm, cold drawn bright finish & polishing

8-100mm,center less lathes peeled & polishing

Above 100mm-800mm,rough turning & polish

每米理论重量 per meter weight (KG/Meter) : 直径 mmX 直径 mmX0.00623 (KG/Meter)

不锈钢圆钢优势: Features of Stainless Steel round Bar:

- 1). The appearance of cold-drawn,peeled and polishing products gloss is good, beautiful;
- 2). The addition of corrosion resistance, especially pitting resistance is excellent;
- 3). Excellent high temperature strength;
- 4). Excellent work-hardening (after processing weakly magnetic);
- 5). Non-magnetic state solution.

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应用 Application:

不锈钢圆钢表面光洁度好、耐腐蚀、抗压能力好、承载力强、对温度变化不敏感、抗拉强度高、柔韧性好等特点广泛应用于航空、石油、电子、医药、纺织、核电、军工、化工、隧道、造船厂、海洋工程、汽车、机械设备、食品工业,反应炉、输电塔,模具生产、五金、塑胶电子、建筑工程施工、高抛光装饰组件配件,轴,螺母和螺栓,厨房设备,交通工具,水处理设备、硝酸处理设备、食品加工设备等

Stainless steel bars Be widely used in the fields of aviation, Petroleum, electronics, medicine, textile, nuclear power, military industry, chemical engineering, tunneling, shipyard, oceanering, automobile, mechanical equipment, food industry, reacting furnace, power transmission tower, mould production, hardware, plastic electronics, architectural engineering construction, high polishing decoration, component fittings, shafts, make nuts and bolts, kitchen equipments, transport tools, watstewater treatment equipments, Nitric acid and food processing equipments, and others because of the characters such as better finish, the resistant to corrosion, good ability to resist pressure, bearing capacity, not sensitive to temperature changes, tensile strengthen and good be flexible

Austenitic stainless steel bars after solution treatment Physical properties:

Parts of A276 奥氏体钢棒退火后力学性能表

Grade	Tensile strength (σ_b Mpa)	Yield strenghen ($\sigma_{r0.2}$ Mpa)	Elongation δ_5 (%)	Hardness Test HB max
201	≥ 515	≥ 275	≥ 40	
202	≥ 515	≥ 275	≥ 40	
205	≥ 690	≥ 414	≥ 40	
302	≥ 515	≥ 205	≥ 30	
304	≥ 520	≥ 205	≥ 40	187
304L	≥ 485	≥ 170	≥ 40	
316	≥ 515	≥ 205	≥ 40	
316L	≥ 485	≥ 170	≥ 30	
316Ti	≥ 515	≥ 205	≥ 40	
316N	≥ 550	≥ 240	≥ 30	
310	≥ 515	≥ 205	≥ 40	187
321	≥ 515	≥ 205	≥ 40	187
309	≥ 515	≥ 205	≥ 40	187
309S	≥ 515	≥ 205	≥ 40	187

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308	≧ 515	≧ 205	≧ 40	187
314	≧ 515	≧ 205	≧ 40	

热轧圆棒规格/Hot rolled black bars available sizes				
Ø12	Ø14	Ø16	Ø18	Ø20
Ø22	Ø25	Ø28	Ø30	Ø32
Ø35	Ø38	Ø40	Ø42	Ø45
Ø48	Ø50	Ø55	Ø60	Ø65
Ø70	Ø75	Ø80	Ø85	Ø90
Ø95	Ø100	Ø110	Ø120	Ø130
直径公差/Dia Tolerance:		Up to 28MM	+0.8	-0
		Over 28mm	+3%	-0

热锻圆棒规格/Hot forged black bars available sizes				
Ø140	Ø150	Ø160	Ø170	Ø180
Ø190	Ø200	Ø210	Ø220	Ø230
Ø240	Ø250	Ø260	Ø270	Ø280
Ø290	Ø300	Ø350	Ø400	Ø450
Ø500	Ø550	Ø600	Ø650	Ø700
Ø750	Ø800			
直径公差/Dia Tolerance: ± 5% acc to ASTM A484				

GB/T 702-2017 热轧圆棒尺寸,外形允许偏差

(Tolerance for Hot Rolled Round Bars)

尺寸 Size	级别(Rank)		
	1 组(Group)	2 组(Group)	3 组(Group)
> 5.5 ~ ≤ 20	± 0.25	± 0.35	± 0.40
> 20 ~ ≤ 30	± 0.30	± 0.40	± 0.50
> 30 ~ ≤ 50	± 0.40	± 0.50	± 0.60
> 50 ~ ≤ 80	± 0.60	± 0.70	± 0.80
> 80 ~ ≤ 110	± 0.90	± 1.00	± 1.10
> 110 ~ ≤ 150	± 1.20	± 1.30	± 1.40

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GB/T905-94 冷拉圆棒尺寸, 外形允许偏差

(Tolerance for Cold Drawn Round Bars)

尺寸 Size	级别(Rank)					
	H8	H9	H10	H11	H12	H13
3	0~-0.014	0~-0.025	0~-0.040	0~-0.060	0~-0.10	0~-0.14
>3~ ≤6	0~-0.018	0~-0.030	0~-0.048	0~-0.075	0~-0.12	0~-0.18
>6~ ≤10	0~-0.022	0~-0.036	0~-0.058	0~-0.090	0~-0.15	0~-0.22
>10~ ≤18	0~-0.027	0~-0.043	0~-0.070	0~-0.11	0~-0.018	0~-0.27
>18~ ≤30	0~-0.033	0~-0.052	0~-0.084	0~-0.13	0~-0.21	0~-0.33
>30~ ≤50	0~-0.039	0~-0.062	0~-0.10	0~-0.16	0~-0.25	0~-0.39
>50~ ≤80	0~-0.046	0~-0.074	0~-0.12	0~-0.19	0~-0.30	0~-0.46

热轧圆棒规格型号参照表 (ASTM A276/A484) $W=0.00623xd^2$

直径/mm Diameter	重量 kg/m Weight	直径/mm Diameter	重量 kg/m Weight	直径/mm Diameter	重量 kg/m Weight
Ø8	0.399	Ø32	6.380	Ø80	39.872
Ø10	0.623	Ø35	7.632	Ø85	45.012
Ø12	0.879	Ø38	8.996	Ø90	50.463
Ø14	1.221	Ø40	9.968	Ø95	56.226
Ø15	1.402	Ø42	10.99	Ø100	62.300
Ø16	1.595	Ø45	12.616	Ø105	68.686
Ø18	2.019	Ø48	14.354	Ø110	75.383
Ø20	2.492	Ø50	15.575	Ø115	82.392
Ø22	3.012	Ø55	18.846	Ø120	89.712
Ø24	3.588	Ø60	22.425	Ø125	97.344
Ø25	3.894	Ø65	26.322	Ø130	105.287
Ø28	4.884	Ø70	30.527	Ø135	113.542
Ø30	5.607	Ø75	35.044	Ø140	122.108

热锻圆棒规格型号参照表 (ASTM A276/A484) $W=0.00623xd^2$

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直径/mm Diameter	重量 kg/m Weight	直径/mm Diameter	重量 kg/m Weight	直径/mm Diameter	重量 kg/m Weight
Ø115	82.392	Ø185	215.626	Ø165	169.612
Ø120	89.712	Ø190	224.903	Ø170	180.047
Ø125	97.344	Ø195	236.896	Ø180	201.852
Ø130	105.287	Ø200	249.200	Ø270	454.167
Ø135	113.542	Ø210	274.743	Ø280	488.432
Ø140	122.108	Ø220	301.532	Ø300	560.700
Ø145	130.986	Ø230	329.567	Ø350	763.715
Ø150	140.175	Ø240	358.848	Ø400	996.800
Ø155	149.676	Ø250	389.375	Ø450	1261.580
Ø160	159.488	Ø260	421.148	Ø500	1557.500

GB/T908-2008 热轧圆棒尺寸, 外形允许偏差

(Tolerance for Hot Forging Round Bars)

尺寸 Size	级别(Rank)	
	1 组(Group)	2 组(Group)
>50~≤60	+1.5 -1.0	+2.0 -1.0
>60~≤80	+2.0 -1.0	+2.5 -1.0
>80~≤100	+2.5 -1.0	+3.0 -1.0
>100~≤120	+2.5 -1.5	+3.0 -1.5
>120~≤140	+3.0 -1.5	+3.5 -1.5
>140~≤160	+3.0 -2.0	+4.0 -2.0
>160~≤180	+4.0 -2.0	+5.0 -2.0
>180~≤200	+5.0 -2.0	+6.0 -2.0
>200~≤220	+5.0 -3.0	+6.0 -3.0
>220~≤240	+6.0 -3.0	+7.0 -3.0
>240~≤250	+7.0 -3.0	+8.0 -3.0
>250~≤300	+8.0 -3.0	+9.0 -3.0

包装: 捆装或者木箱

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