



**LWHT 316S13**

<https://www.steel0.com>

High Quality Special Steel Supplier

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## LWHT 316S13

Austenitic stainless steel pipes and tubes for pressure purposes. Specification for longitudinally welded tubes LWHT 316S13 steel chemical information,mechanical properties, physical properties, mechanical properties, heat treatment, and Micro structure, We can produce round bars, forged rings, forged cakes, flat bars, tubes, sheets, plates, steel wires, steel strips, steel coils, etc. The size can be customized, the maximum order quantity is 100Kg. It also contains the use of **LWHT 316S13**,such as it is commonly used in bars, sheet,plates, steel coils, steel pipes,forged and other materials application.

### Data Table for Grades Stainless Steels - Special Steels Austenitic stainless steel pipes and tubes for pressure purposes. Specification for longitudinally welded tubes LWHT 316S13

LWHT 316S13 Standard Number

ITEM	Standard Number	Descriptions
1	BS 3605-2	Austenitic stainless steel pipes and tubes for pressure purposes. Specification for longitudinally welded tubes

LWHT 316S13 Chemical composition(mass fraction)(wt.%)

Chemical	Min.(%)	Max.(%)
C		0.03
Si		1.00
Mn		2.00
P		0.045
S		0.03
Cr	16.50	18.50
Mo	2.50	3.00
Ni	11.50	14.50

LWHT 316S13 Physical Properties



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Tensile strength	115-234	?b/MPa
Yield Strength	23	? 0.2 ?/MPa
Elongation	65	?5? (%)
?	-	?? (%)
Akv	-	Akv?/J
HBS	123-321	-
HRC	30	-

### LWHT 316S13 Mechanical Properties

Tensile strength	231-231	?b/MPa
Yield Strength	154	? 0.2 ?/MPa
Elongation	56	?5?(%)
?	-	??(%)
Akv	-	Akv?/J
HBS	235-268	-
HRC	30	-

### LWHT 316S13 Heat Treatment Regime

Annealing	Quenching	Tempering	Normalizing	Q & T
?	?	?	?	?

### LWHT 316S13 Range of products

Product type	Products	Dimension	Processes	Deliver Status
Plates / Sheets	Plates / Sheets	0.08-200mm(T)*W*L	Forging, hot rolling and cold rolling	Annealed, Solution and Aging, Q+T, ACID-WASHED, Shot Blasting
Steel Bar	Round Bar, Flat Bar, Square Bar	?8-1200mm*L	Forging, hot rolling and cold rolling, Cast	Black, Rough Turning, Shot Blasting,
Coil / Strip	Steel Coil /Steel Strip	0.03-16.0x1200mm	Cold-Rolled & Hot-	Annealed, Solution and



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			Rolled	Aging, Q+T, ACID-WASHED, Shot Blasting
Pipes / Tubes	Seamless Pipes/Tubes, Welded Pipes/Tubes	OD:6-219mm x WT:0.5-20.0mm	Hot extrusion, Cold Drawn, Welded	Annealed, Solution and Aging, Q+T, ACID-WASHED

**We can produce Stainless Steels - Special Steels the specifications follows:**