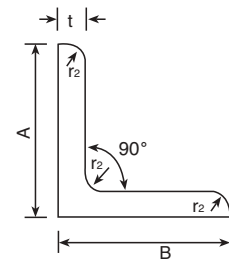


Material: 303, 304, 304L, 304H, 310, 316, 316L, 316Ti, 321, etc.

Standard: ASTM, ASME, AISI, BS, JIS, DIN, etc.

Testing: Tensile testing, impact testing, hardness testing, metallography analysis, spectrometer testing, etc.



Hot Rolled Angle Bar

Width tolerance

Unit:mm

AxB	25x25	30x30	40x40	50x50	60x60	65x65	70x70	75x75	80x80	90x90	100x100
Tolerance	±1.5	±2.0	±2.0	±2.0	±3.0	±3.0	±3.0	±3.0	±3.0	±3.0	±4.0

Thickness tolerance

Size available ●

Unit:mm

AxB \ Thickness	3	4	5	6	7	8	9	10	11	12
25x25	±0.5 ●	±0.5 ●	±0.5 ●							
30x30	±0.5 ●	±0.5 ●	±0.5 ●	±0.5 ●						
40x40	±0.6 ●	±0.6 ●	±0.6 ●	±0.6 ●	±0.6 ●					
50x50	±0.6 ●	±0.6 ●	±0.6 ●	±0.6 ●	±0.6 ●					
60x60		±0.6 ●	±0.6 ●	±0.6 ●	±0.6 ●	±0.6 ●				
65x65			±0.6 ●	±0.6 ●	±0.7 ●	±0.7 ●	±0.7 ●			
70x70			±0.7 ●	±0.7 ●	±0.7 ●	±0.7 ●	±0.7 ●	±0.7 ●		
75x75				±0.7 ●	±0.7 ●	±0.7 ●	±0.7 ●	±0.7 ●		
80x80				±0.7 ●	±0.7 ●	±0.7 ●	±0.7 ●	±0.7 ●		
90x90					±0.7 ●	±0.7 ●	±0.7 ●	±0.8 ●	±0.8 ●	±0.8 ●
100x100					±0.7 ●	±0.7 ●	±0.7 ●	±0.8 ●	±0.8 ●	±0.8 ●

Hot Rolled Channel Bar

Size available ●

Unit:mm

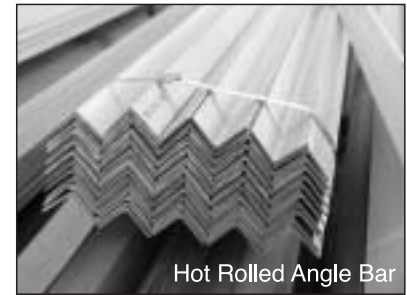
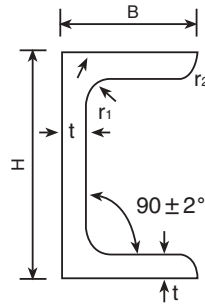
HxB \ Thickness	3	4	5	6	7	8	9	10	12
40x20	●								
50x25	●								
60x30	●	●	●	●					
70x35	●	●	●	●					
80x40	●	●	●	●					
90x45	●	●	●	●					
100x50	●	●	●	●	●	●	●	●	
120x60			●	●	●	●			
130x65			●	●	●	●	●	●	
140x70				●	●	●	●	●	
150x75				●	●	●	●	●	●
160x80				●	●	●	●	●	●
180x90				●	●	●	●	●	●
200x100				●	●	●	●	●	●

Tolerance: $\pm 0.2\text{mm}$ (thickness)
 $\pm 0.3\text{mm}$ (height)
 $\pm 0.5\text{mm}$ (width)

Welded Channel Bar is also available.

Hot Rolled Flat Bar

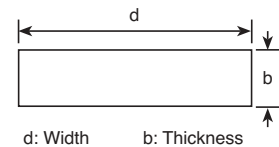
Size available • Unit:mm



Width \ Thickness	20	25	30	32	35	38	40	45	50	60	65	70	75	80	90	100
3	•	•	•	•	•	•	•	•	•	•	•					
4	•	•	•	•	•	•	•	•	•	•	•	•	•			
5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
19		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
20		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Tolerance Unit:mm

Size(Width)	Width Tolerance	Thickness	
		below 13mm	over 13mm
below 25mm	± 0.7	± 0.5	$\pm 4\%$
from 25mm to 50mm	± 1.0	± 0.5	$\pm 4\%$
from 50mm to 100mm	$\pm 2\%$	± 0.5	$\pm 4\%$



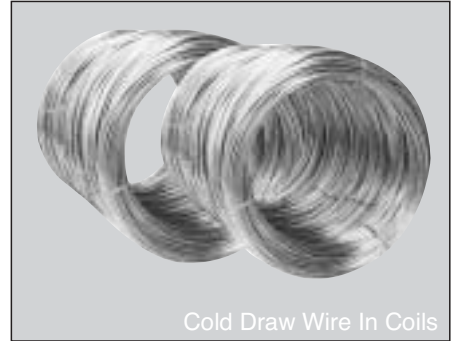
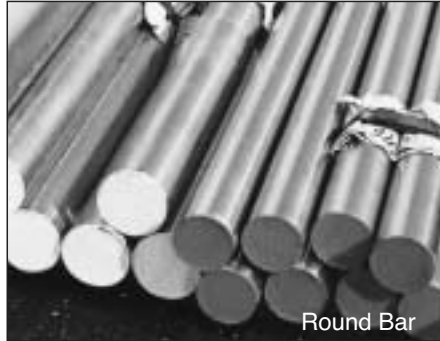
Cold Draw Flat Bar

Size available • Unit:mm

Width \ Thickness	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130
3	•	•	•	•	•	•	•																
4	•	•	•	•	•	•	•	•	•	•													
5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
14	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
18					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
20					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
22					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
24					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
26						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
30						•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Tolerance Unit:mm

Size(Width)	Width Tolerance	
	Thickness below 6.5mm	Thickness over 6.5mm
below 25mm	± 0.1	± 0.1
from 25mm to 50mm	± 0.15	± 0.1
from 50mm to 75mm	± 0.2	± 0.1
from 75mm to 130mm	± 0.25	± 0.13



Bright Round Bar **(Cold Draw & Polish)**

Diameter:from 3mm to 60mm
Tolerance:h9,h10,h11

Hot Rolled Round Bar

Diameter:from 8mm to 130mm
Tolerance(mm):+0.8,-0(diameter below 28mm)
+3%,-0(diameter over 28mm)

Forged Round Bar

Diameter:from 70mm to 300mm
Tolerance: ± 5%

Hot Rolled Square Bar

Size(mm):10x10,12x12,14x14,15x15,16x16,
18x18,20x20,22x22,25x25,30x30,
35x35

Cold Draw Square Bar

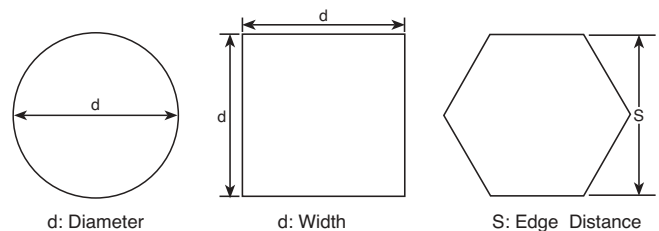
Size(mm):5x5,6x6,8x8,10x10,12x12,15x15,
20x20,25x25,30x30,35x35,40x40,
45x45,50x50,55x55,60x60
Tolerance(mm):+0,-0.05(size below 8mm)
+0,-0.08(from 8mm to 13mm)
+0,-0.10(from 13mm to 25mm)
+0,-0.15(from 25mm to 50mm)
+0,-0.20(from 50mm to 60mm)

Cold Draw Hexagonal Bar

Size:from s8mm to s60mm
Tolerance(mm):+0,-0.05(size below 8mm)
+0,-0.08(from 8mm to 13mm)
+0,-0.10(from 13mm to 25mm)
+0,-0.15(from 25mm to 50mm)
+0,-0.20(from 50mm to 60mm)

Cold Draw Wire in Coils

Diameter(mm);from 1 to 12
Tolerance:h9,h10,h11



Hot Rolled Wire in Coils

Diameter(mm):from 5.5 to 14
Tolerance: ± 5%

Coil, sheet and plate

Delivery Condition: cold draw, hot rolled

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