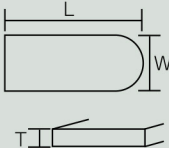


Metal Rules Grade 1 of JIS B7516-2005(abstract)

as of October, 2018

Standard	Grade 1 of JIS B7516—2005						
Material	SUS420 J2 of JIS G 4305 or that equivalent or superior to this in quality.						
Hardness of Material	Hv400 min						
Size 	Nominal Size	Overall Length(L)		Thickness(T)		Width(W)	
		Size	Tolerance	Size	Tolerance	Size	Tolerance
	150	175	±5mm	0.5	±10%	15	±2%
	300	335		1.0		25	
	600	640		1.2		30	
	1,000	1,050		1.5		35	
	1,500	1,565		2.0		40	
	2,000	2,065		2.0		40	
Unit : mm							
Flatness of Scale Face	The scale face shall be flat to a level of no hindrance to measurements.						
Straightness of Scale Side Face	Nominal Size	Straightness	Nominal Size	Straightness			
	150	0.23 max	1,000	0.40 max			
	300	0.26 max	1,500	0.50 max			
	600	0.32 max	2,000	0.60 max			
Unit : mm							
Squareness of Scale End Face	The squareness of the scale end face of a rule in respect of its scale side shall be 0.035mm max per 10mm length of the end face.						
Tolerance of Length	Length		Tolerance				
	500 max		±0.15				
	over 500 ~ 1,000 max		±0.20				
	over 1,000 ~ 1,500 max		±0.25				
	over 1,500 ~ 2,000 max		±0.30				
Unit : mm							

Conversion table

Items	Inch Conversion Chart (TAP DRILL, WW, UNC)	Measurement Conversion Chart			
		Length	Width	Weight	Volume
Hard Chrome Finish 15cm	●				
30cm	●				
60cm	●				
1m	●				
Metric x Shaku 15cm left		●	●		
30cm left		●	●		
60cm left		●	●	●	
1m left		●	●	●	●
1m right	●				
Polish Finish 15cm	●				
30cm	●				
60cm	●				
1m	●				
Pickup 10cm		●			
15cm		●	●		
30cm		●	●		
60cm		●	●	●	
1m		●	●	●	●
With Scale Stopper 15cm	●				
30cm	●				
1mm Dividing 15cm	●				
30cm	●				
60cm	●				
1m	●				
Mini 15cm	●				

■Material Less than 2m : Stainless steel SUS420J2 Over 3m : Stainless steel SUS304

(SUS means STELL STAINELSS—rust-resistant. Hv means HARD VICKERS —unit for hardness.)

All of our stainless rules are registered as Japanese Industrial Standard (JIS) under the specifications above. Although some of rules exceed JIS specifications due to unusual graduations, shapes, or sizes, all of our products, regardless of registration, have gone through strict product inspections based on the JIS specifications above to provide safe, high quality products. SUS420J2 has baking finish. SUS304 doesn't have baking finish.

Length tolerance over 3m : 3m±0.5mm, 4m±0.65mm, 5m±0.8mm, 6m±0.95mm