SHINWA PRECISION STAINLESS STEEL RULE

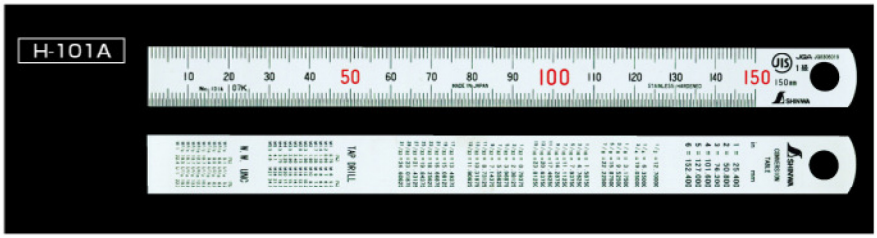
■ Scale type : **H-101**

H : Hard Chrome Finish

D.No.	ART.No.	Graduations	Size (L×W×T)	
13005	H-101A	150mm	175×15×0.5	JIS
13013	H-101C	300mm	335×25×1.0	JIS
13021	H-101E	600mm	640×30×1.2	JIS
13048	H-101F	1000mm	1050×35×1.5	JIS
13056	H-102G	1500mm	1565×40×2.0	JIS
13064	H-102H	2000mm	2065×40×2.0	JIS
13072	H-102I	3000mm	3065×40×3.0	

Hard Chrome Finish,
JIS mark rules (up to length 2m),
Metric scale.
– International Standard metric unit

Metric only



Type	Graduations			
	Front		Back	
	Top	Bottom	Top	Bottom
101	mm	0.5mm	Metric/Inch Conversion Table	
102	ditto		Plain	

■ Scale type : **H-701**

C.No.	D.No.	ART.No.	Graduations	Size (L×W×T)
2	13250	H-701C	300mm	325×15×0.5
2	13269	H-701E	600mm	630×15×0.5
2	13277	H-701F	1000mm	1030×15×0.5

Hard Chrome Finish, Flexible model
Metric scale.
– German style

Metric only

Type	Graduations			
	Front		Back	
	Top	Bottom	Top	Bottom
701	mm	0.5mm	Plain	

Metal Rules Grade 1 of JIS B7516-2005 (Abstract) *as of August, 2011*

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 L, W, T Unit : mm	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	
Flatness of scale face	The scale face shall be flat to a level of no hindrance to measurements.						
Straightness of scale side face Unit : mm	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	
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 ※Temperature at 20℃ Unit : mm	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			