



LINEALER KLASSE 1

■ Scale type : **H-101**

H : Hard Chrome Finish

| D.No. | ART.No. | Graduations | Size (LxWxT) |
|-------|---------|-------------|--------------|
| 13005 | H-101A | 150mm | 175x15x0.5 |
| 13013 | H-101C | 300mm | 335x25x1.0 |
| 13021 | H-101E | 600mm | 640x30x1.2 |
| 13048 | H-101F | 1000mm | 1050x35x1.5 |
| 13056 | H-102G | 1500mm | 1565x40x2.0 |
| 13064 | H-102H | 2000mm | 2065x40x2.0 |
| 13072 | H-102I | 3000mm | 3065x40x3.0 |

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Hard Chrome Finish,
JIS mark rules (up to length 2m),
Metric scale.

– International Standard metric unit



| Type | Graduations | | | |
|------|-------------|--------|------------------------------|--------|
| | Front | | Back | |
| | Top | Bottom | Top | Bottom |
| 101 | mm | 0.5mm | Metric/Inch Conversion Table | |
| 102 | ditto | | 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 | Nominal size | Overall length (L) | | Thickness (T) | | Width (W) | |
| | | Size | Tolerance | Size | Tolerance | Size | Tolerance |
| Unit : mm | 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 | 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°C | 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 | | | |

- they maintain their calibration visibility for a long time,

Calibrations with etching protect against scuffing that endures after long time use under harsh conditions. Black chrome plating on calibrations ensure their visibilities for extensive periods; they do not come off as easily as colors tinted by other conventional methods.

- they are vividly calibrated by our own photo etching method with precision,

- they are made of stainless steel SUS420J2 (up to length 2m),

It is an ideal top-of-the-line material for metallic rules with high mechanical strength and high hardness.

- they are being glare proofed for eye-friendly display of calibrations, and Surface of the rules are pearskin finished for reducing reflection.

- they are manufactured in condition which qualifies periodic evaluation ran by inspection agency authorized by Japanese government.

