

Precision Step Gauge

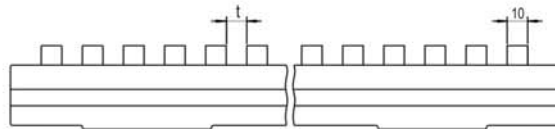


Terms

- 1). Working Surface
The exposed working surfaces of gauge blocks of step gauge.
- 2). Origin Working Surface
The working surface used as the indication Zero of step gauge, usually marked "0".
- 3). Measuring Range
The center-to-center distances between the measuring surfaces and the surface 0 (fig.1).
- 4). Parallelism
The parallelism between each working surface and the Origin working surface (fig.2). the biggest measured value from the 4 points which are 2mm away from the working surface center to the Origin working surface is the parallelism between this working surface and the Origin working surface.

Features

- ◆ Step Gauge may also be known as check master. The calibration with step gauge is cheap, accurate, and practical.
- ◆ Anyi-Step is not only an ideal mechanical reference artifact for calibration, monitoring and traceability of Co-ordinate Measuring Machine (CMMs), but also for machine tools, machining centers and height gauges.
- ◆ Anyi-Step has standard gauge blocks aligned and mounted in the groove of body. The combination of the working surfaces of its gauge blocks can provide standard lengths of uni-direction and bi-direction.
- ◆ 10mm is the smallest increment which can verify the positioning error of the guide rail and provide precision correction. Customized increments are available upon enquiry.
- ◆ Anyi-Step can be used horizontally or vertically. With its swivel support, it can be used in different angles. It can be customized for special purpose.
- ◆ Every Anyi-Step is with its manufacturer's calibration certificate. Calibration certificate issued by National Institute of Metrology can be provided if customers pay for the calibration.
- ◆ Nominal length from 300 mm up to maximal 1500 mm.
- ◆ Special lengths upon enquiry
- ◆ 20 mm increments (customized increments upon enquiry)
- ◆ Steel gauge blocks, carbide gauge blocks and ceramic gauge blocks are optional.



性能参数 Specifications

工作尺寸(L) Measuring Range (L)	1级 Grade 1		0级 Grade 0		00级 Grade 00	
	极限误差 Limit Error	平行度 Parallelism	极限误差 Limit Error	平行度 Parallelism	极限误差 Limit Error	平行度 Parallelism
0<L≤300mm	±1.2μm	1.0μm	±0.8μm	0.8μm	-	-
300<L≤600mm	±1.8μm	1.5μm	±1.0μm	1.0μm	-	-
600<L≤1000mm	±2.5μm	1.5μm	±1.5μm	1.0μm	±1.0μm	1.0μm
1000<L≤1500mm	±4.0μm	2.0μm	±2.5μm	1.5μm	±1.5μm	1.5μm

工作尺寸 Measuring Range	1级 货号 Grade 1 Order No.	0级 货号 Grade 0 Order No.	00级 货号 Grade 00 Order No.	常规间隔(t) General Increment (t)
300mm	022-1030	022-0030	-	20mm
400mm	022-1040	022-0040	-	20mm
500mm	022-1050	022-0050	-	20mm
600mm	022-1060	022-0060	-	20mm
800mm	022-1080	022-0080	022-0080A	20mm
1000mm	022-1100	022-0100	022-0100A	20mm
1500mm	022-1150	022-0150	022-0150A	20mm

Why you have confidence in Anyi Products?

- * ODM & OEM has Patents for Products
- * Authoritatively Certified Precision by DDK etc ...
- * Accurate Calibration and Test for Quality
- * Reasonable Price, Durable Quality, Easy to Use
- * UPS Shipping, 60-Day Refund/ Replacement Guarantee

For further information, please follow the URL to view the product:

<http://www.anyimeasuring.com/products/check-masters.html>

Or don't hesitate to email us to contact@anyimeasuring.com.

From: Guilin Anyi Instrument Co. Ltd.

Leading China measuring tools manufacturer & supplier.

Address: 1st Floor, Innovation Mansion, Guilin IT Park,
Guilin, Guangxi P.R. China 541004

Tel: **+86 0773-5869135** **Fax:** +86 773-5869193 +86 773-5869093

Our Website: <http://www.anyimeasuring.com/>