



# BEARING & TOOL CENTRE



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## Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

### Quotation

112 - 3 Dial Thickness Gauge - Digital – 10 x 0.001 mm , throat depth 30 mm

Make	Aerospace / Asahi Rs.	Precise	Mitutoyo Rs.	Mitutoyo Rs.
Rs. – 10 mm	4000	6500	18998	45000
Disc %	10%	-	5	5
Code	-	-	7301 + 543 - 390	547-401
Catalog	Page - 5		Page – 7, 8, 9,	Page – 9,10,11
Calibration Rs.	600	600	600	500

Rs. 3000/- to be added for Stand Type digital Dial Thickness Gauge with Dead Weight

112 - 4 Dial Thickness Gauge - Mechanical – 1 x 0.001mm , throat depth 30 mm

Make	Aerospace / Asahi	Kann	Precise	Baker	Mitutoyo Rs.	Mitutoyo Rs.	M & W
Rs.	3240	1500	3700	1950	5450	7280	4400
Disc %	10	10		15	5	Continuous Reading	
Code		TG2		K130/0	7327 ( 7301 + 2109)	With Roller	DTG 001
Catalog	Page - 5	Page - 10		Page - 2	Page – 9		Page - 4
Cali.	500	500	500	500		500	500

Rs. 3000/- to be added for Stand Type Dial Thickness Gauge with Dead Weight

112 – 5 Dial Thickness Gauge - Mechanical – 1 x 0.1 / 0.01mm , throat depth 30 mm Kann Make

Code	TG11	TG12	TG13	TG14
Rs.	2750	2750	3000	3000
Disc %	10	10	10	10
L.C. (mm)	0.1	0.01	0.1	0.01
Range	10	10	30	30
Catalog	Page - 12	Page - 12	Page - 12	Page - 12

( Available in 10mm and 20mm flat measuring anvils )

**Note:- Aerospace item once sold will not be taken back even if it is Faulty.**

## Terms & Conditions –

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

## BAKER MAKE

### DIAL THICKNESS GAUGES 130 Series (Throat Depth: 30 mm)

PRODUCT CODE	TYPE	READING	RANGE	GRADUATION	UNIT RATE ₹
D60159000	K130/0	0.1 mm	10.0 mm	0-10	1,950.00
D61159000	K130/3	0.01 mm	10.0 mm	0-100	2,020.00
D63039000	K130/6	0.002 mm	2.0 mm	0-20	3,400.00
D63049000	K130/7	0.002 mm	5.0 mm	0-20	3,760.00
D62109000	K130/1	0.001 inch	0.5 inch	0-100	2,290.00
D64039000	K130/8	0.0001 inch	0.05 inch	0-100	3,730.00
D64049000	K130/9	0.0001 inch	0.2 inch	0-100	4,140.00

### Thickness Gauges - Baker

#### Salient Features:

- For quick measurement of thickness of sheets, paper, leather etc
- Available in different throat depths, suitable for different measurement requirements.
- In series J130, J138/L, and J142, measurement pressure is independent of the user, resulting in accurate readings of thickness without personal bias.
- J138. 'Push Down Type' thickness gauge is particularly useful where fine measurement is not required - for example plywood. Pushing down the plunger with the index finger closes the measuring contacts.
- Well-balanced frames and handgrips coupled with lightweight make these gauges easy to use for the measurement.
- Available in different readings and travels.
- Supplied with 10 mm anvil as standard. 20 mm and larger available on request
- For the American market, thickness gauges meeting the requirements of AGD standard available

# DIAL THICKNESS GAUGES

TYPE J138A/3



TYPE J142/3

TYPE J130/3

TYPE	READING	RANGE	GRADUATION	DEPTH OF THROAT	
J130/0	0.1 mm	10.0 mm	0-10	30 mm ( 1.2 inch )	
J130/3	0.01 mm	10.0 mm	0-100		
J130/6	0.002 mm	2.0 mm	0-20		
J130/7	0.002 mm	5.0 mm	0-20		
J130/1	0.001 inch	0.5 inch	0-100		
J130/8	0.0001 inch	0.05 inch	0-100		
J130/9	0.0001 inch	0.2 inch	0-100		
J142/0	0.1 mm	10.0 mm	0-10		100 mm ( 4 inch )
J142/3	0.01 mm	10.0 mm	0-100		
J142/1	0.001 inch	0.5 inch	0-100	<b>PUSH DOWN TYPE</b> 50 mm ( 2 inch )	
J138/0	0.1 mm	25.0 mm	0-10		
J138A/3	0.01 mm	25.0 mm	0-100		
J138A/1	0.001 inch	1.0 inch	0-100		
J138/0L	0.1 mm	25.0 mm	0-10		
J138A/3L	0.01 mm	25.0 mm	0-100		
J138A/1L	0.001 inch	1.0 inch	0-100		

**Roller type  
Thicknees Gaug**



**Stend type  
Thicknees Gaug**



**Thiknees Gaug**



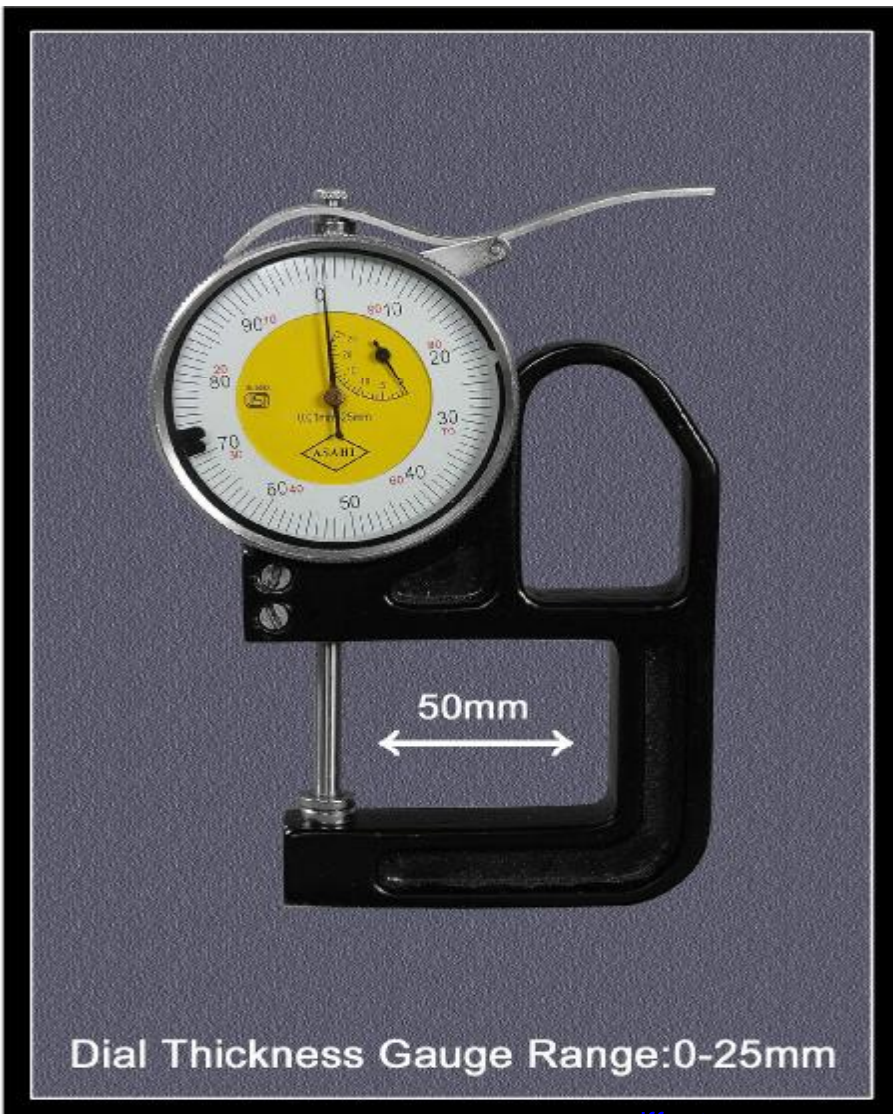
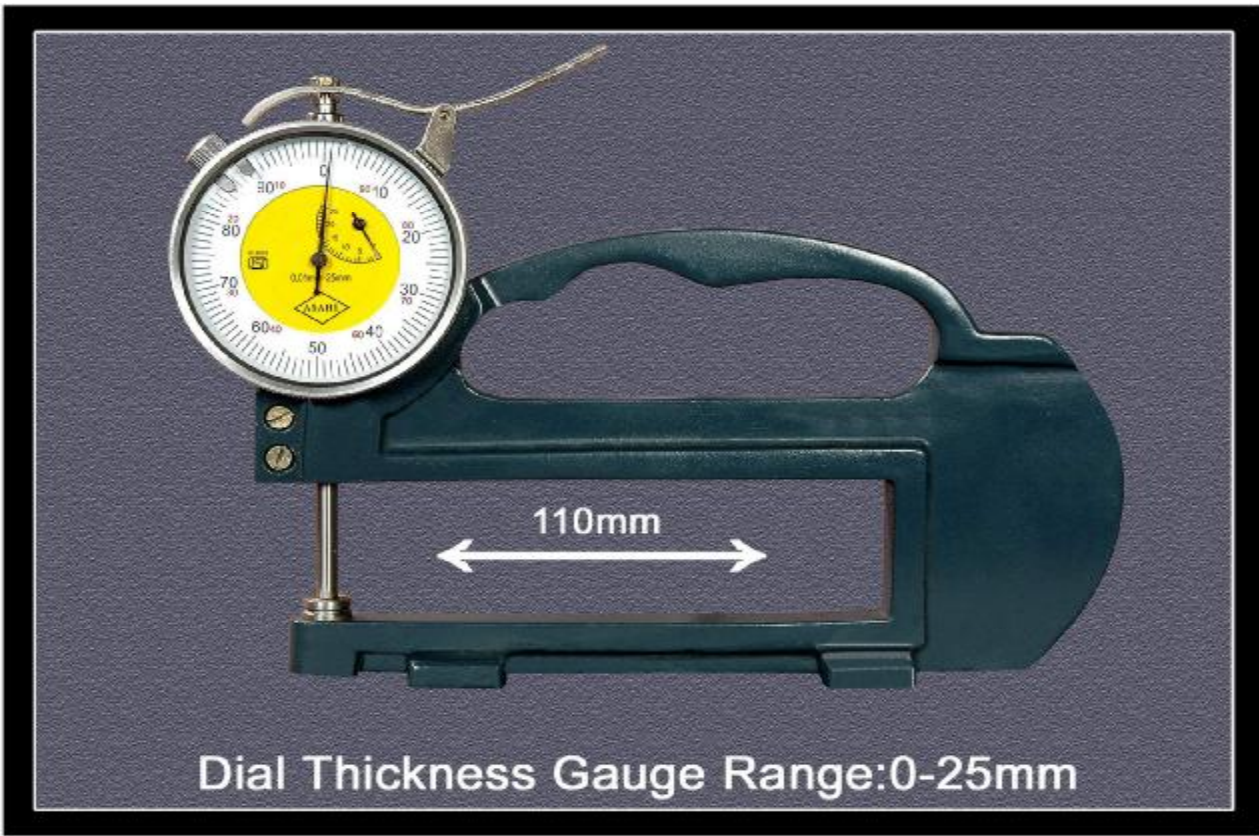
## **M&W MAKE**

### **Dial Thickness Gauge**



<b>CODE</b>	<b>RANGE</b>	<b>Throat Depth</b>	<b>PRICE</b>
DTG 001	0-1 mm	30 mm	4,400/-

## **ASAHI MAKE**



# **MITUTOYO MAKE**

543 – 681 / 690

543 / 390



# Thickness Gage

## SERIES 547, 7

The Thickness Gages offer a quick and efficient means of inspection with their convenient grip handle, thumb trigger and spring-loaded spindle. The various models cover a wide range of applications.

### FEATURES

- Wide range of applications with various types of measuring faces (on the spindle and anvil).

- The digital models incorporate Mitutoyo's popular ID-C and ID-S Series Digimatic Indicators to provide error-free LCD readings as well as data output for SPC analysis.
- 547-401 (547-400) is ideally suited for measuring thicknesses of paper, film, wire, sheet metal and similar materials.

### Standard Type / Digital



### Deep Throat Type / Digital



### Standard Type / Dial



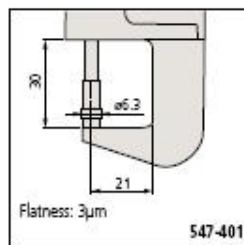
### Deep Throat Type / Dial



### High Accuracy Type / Digital



### DIMENSION



SPC

ABSOLUTE

Absolute System Patented by MITUTOYO

(Refer to the page 9 for details.)

### Technical Data of Digital Models

Accuracy: Refer to the list of specifications (excluding quantizing error)  
 Resolution: 0.01mm, 0.001mm, .0005"/0.01mm, .0001"/0.001mm or .00005"/0.001mm  
 Display: LCD  
 Length standard: ABSOLUTE electrostatic capacitance type linear encoder  
 Max. response speed: Unlimited  
 Measuring force: Refer to the list of specifications  
 Stem dia.: 8mm (ISO/JIS type) or 3/8" (ANSI/AGD type)  
 Contact point: Carbide ball with M2.5x0.45 (ISO/JIS type) Carbide ball with #4-48UNF (ANSI/AGD type)  
 Battery: SR44 (1 pc.), 938882  
 Battery life: Approx. 5,000 hours under normal use  
 Dust/Water protection level: IP42 or IP53 (dust-proof type)

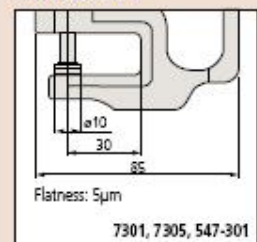
### Function of Digital Models

Origin-set/Preset, Zeroret, GO/ANG judgment, Counting direction switching, Power ON/OFF, Data output, inch/mm conversion (inch/mm models)  
 Alarm: Low voltage, Counting value composition error, Over-flow error, Tolerance limit setting error

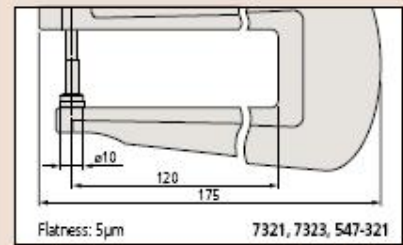
### Optional Accessory

- 905338: SPC cable (1m) for digital models
  - 905409: SPC cable (2m) for digital models
  - 902011: Spindle lifting lever (ISO/JIS type)\*
  - 902794: Spindle lifting lever (ANSI/AGD type)\*
  - 137693: Spindle lifting hook\*\*
  - 540774: Spindle lifting cable
  - 125317: Spare rubber boot (for dust-proof type)
  - 02ACA571: Auxiliary spindle spring for 25mm/1" models\*\*\*
  - 02ACA773: Auxiliary spindle spring for 50mm/2" models\*\*\*
  - : Backs (See page 266.)
  - : Contact points (See page 264.)
- \*Can be used on 12mm/5/8" models only.  
 \*\*Can be used on 25mm/1" or 50mm/2" models.  
 \*\*\*Required when orienting the indicator upside down.

### DIMENSION

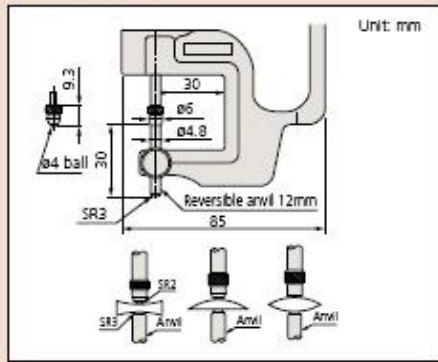


Unit: mm





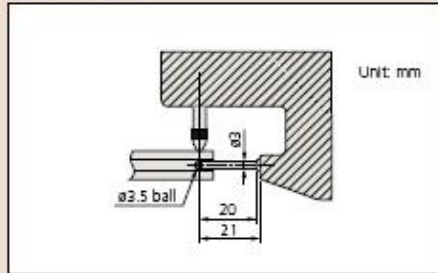
## DIMENSION



## Lens thickness measurement



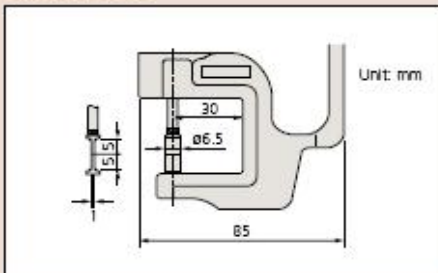
## DIMENSION



## Tube thickness measurement



## DIMENSION



## Groove thickness measurement



## SPECIFICATIONS

Metric Digital Type			Inch/Metric Digital Type			Accuracy	Measuring force	Remarks
Range	Order No.	Resolution	Range	Order No.	Resolution			
0 - 12mm	547-401	0.001mm	0 - .47"	547-400 /	.00005"/0.001mm	±3µm	3.5N or less	High accuracy, carbide spindle/anvil
0 - 10mm	547-301	0.01mm	0 - .4" / 0 - .47**	547-300 / 547-500*	.0005"/0.01mm	±20µm	1.5N or less	Standard, ceramic spindle/anvil
0 - 10mm	547-321	0.01mm	0 - .4" / 0 - .47**	547-320 / 547-520*	.0005"/0.01mm	±20µm	1.5N or less	Deep throat, ceramic spindle/anvil
0 - 10mm	547-313	0.01mm	0 - .4" / 0 - .47**	547-312 / 547-512*	.0005"/0.01mm	±20µm	1.5N or less	Lens thickness
0 - 10mm	547-315	0.01mm	0 - .4" / 0 - .47**	547-316 / 547-516*	.0005"/0.01mm	±20µm	1.5N or less	Groove thickness
0 - 10mm	547-360	0.01mm	0 - .4" / 0 - .47**	547-361 / 547-561*	.0005"/0.01mm	±20µm	1.5N or less	Tube thickness

\*using ID-S Digimatic Indicator, Standard model with .0001"/0.001mm resolution ID-S is available (547-526).

Metric Dial Type			Inch Dial Type			Accuracy	Measuring force	Remarks
Range	Order No.	Dial reading	Range	Order No.	Dial reading			
0 - 1mm	7327	0.001mm	0 - .05"	7326S	.00005"	±5µm	1.4N or less	Fine dial reading, ceramic spindle/anvil
0 - 10mm	7301	0.01mm	0 - .5"	7300S	.001"	±15µm	1.4N or less	Standard, ceramic spindle/anvil
0 - 20mm	7305	0.01mm	0 - 1"	7304S	.001"	±20µm	2.0N or less	Standard, ceramic spindle/anvil
0 - 10mm	7321	0.01mm	—	—	—	±15µm	1.4N or less	Deep throat, ceramic spindle/anvil
0 - 20mm	7323	0.01mm	0 - 1"	7322S	.001"	±22µm	2.0N or less	Deep throat, ceramic spindle/anvil
0 - 10mm	7313	0.01mm	0 - .5"	7312S	.001"	±15µm	1.4N or less	Lens thickness
0 - 10mm	7315	0.01mm	0 - .5"	7316S	.001"	±15µm	1.4N or less	Groove thickness
0 - 10mm	7360	0.01mm	0 - .5"	7361S	.001"	±15µm	1.4N or less	Tube thickness

# KANN MAKE


Deep Throat (300mm) Dial Thickness Gauge **TG13**



Model No.	TG11	TG12	TG13	TG14
L.C.(mm)	0.01	0.01	0.01	0.01
Range (mm)	10	10	30	30
M.R.P. ₹ Anvil Dia - 10 mm	<b>2750</b>	<b>2750</b>	<b>3000</b>	<b>3000</b>
M.R.P. ₹ Anvil Dia - 20 mm	<b>2950</b>	<b>2950</b>	<b>3200</b>	<b>3200</b>

Anvil Diameter - 10 mm -Model No will be TG11/10.  
Anvil Diameter - 20 mm -Model No will be TG11/20.

TG2



TG2
0.001
1
<b>1500</b>
<b>1700</b>
TG2
be TG1/11