



BEARING & TOOL CENTRE



Head Office

1st Floor, Vyapar Bhavan, Kadia Kui,
Relief Road, Ahmedabad - 380001.
 Ph:- 079 - 22160386, 65254835, 22134835
 Mobile : 7819819941, 9375706649

Ahmedabad Branch

GF-B-14, Jayraj Complex, Nr. Soni ni Chawl,
Odhav, Ahmedabad - 382415.
 Ph:- 079 - 22890202, 65458950, 65404657, 65400202
 Mobile : 7878825197, 7819819938, 9375706648

Website : www.bearingtoolcentre.com, www.bearingtoolscentre.com | Email : info@bearingtoolcentre.com

Our Sister Concern : RELIEF SERVICE CENTRE

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

Quotation

114 | Dial Thickness Gauge - Mechanical in Inch

Range Inch	0.5	0.05
Least count	0.001	0.0001
Throat Depth mm	30	30
Rs.	2290	3730
Make	Baker	Baker
Code	K130/1	K130/8
Disc. %	15	15
Catalog	Page no - 2,3,4	Page no. 2,3,4

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

114 - 1 | Dial Thickness Gauge - Mechanical in Inch

Range Inch	1
Least count	0.001
Throat Depth mm	125
Rs.	6160
Make	Mitutoyo
Code	7322
Disc. %	5
Catalog	Page No - 5,6,7

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

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

142 Series (Throat Depth: 100 mm)

D60229000	K142/0	0.1 mm	10.0 mm	0-10	2,290.00
D61149000	K142/3	0.01 mm	10.0 mm	0-100	2,380.00
D62129000	K142/1	0.001 inch	0.5 inch	0-100	2,610.00

138 Series (Push Down Type) (Throat Depth: 50 mm)

D60219000	K138/0	0.1 mm	25.0 mm	0-10	3,320.00
D61139000	K138/3	0.01 mm	25.0 mm	0-100	3,550.00
D62139000	K138/1	0.001 inch	1.0 inch	0-100	3,900.00

138 Series (Throat Depth: 50 mm)

D60249000	K138/0L	0.1 mm	25.0 mm	0-10	3,620.00
D61179000	K138/3L	0.01 mm	25.0 mm	0-100	3,840.00
D62119000	K138/1L	0.001 inch	1.0 inch	0-100	4,230.00

145 Series (Throat Depth: 200 mm)

D60139000	K145/0	0.1 mm	10.0 mm	0-10	2,800.00
D61119000	K145/3	0.01 mm	10.0 mm	0-100	2,890.00
D62089000	K145/1	0.001 inch	0.5 inch	0-100	3,120.00

150 Series (Throat Depth: 200 mm)

D60149000	K150/0	0.1 mm	25.0 mm	0-10	4,130.00
D61129000	K150/3	0.01 mm	25.0 mm	0-100	4,360.00
D62099000	K150/1	0.001 inch	1.0 inch	0-100	4,750.00

DIGITAL DIAL THICKNESS GAUGES

130 Series (Throat Depth: 30 mm)

PRODUCT CODE	TYPE	READING	RANGE	GRADUATION	UNIT RATE ₹
D60209000	K130/D	0.001 mm / 0.00005 inch	12.5 mm / 0.5 inch	-	17,350.00

142 Series (Throat Depth: 100 mm)

D60179000	K142/D	0.001 mm / 0.00005 inch	12.5 mm / 0.5 inch	-	17,550.00
-----------	--------	-------------------------	--------------------	---	-----------

138 Series (Throat Depth: 50 mm)

D60169000	K138/D	0.001 mm / 0.00005 inch	25 mm / 1.0 inch	-	20,050.00
-----------	--------	-------------------------	------------------	---	-----------

145 Series (Throat Depth: 200 mm)

D60189000	K145/D	0.001 mm / 0.00005 inch	12.5 mm / 0.5 inch	-	18,050.00
-----------	--------	-------------------------	--------------------	---	-----------

150 Series (Throat Depth: 200 mm)

D60199000	K150/D	0.001 mm / 0.00005 inch	25 mm / 1.0 inch	-	20,550.00
-----------	--------	-------------------------	------------------	---	-----------

Dial 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	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	100 mm (4 inch)
J142/0	0.1 mm	10.0 mm	0-10	
J142/3	0.01 mm	10.0 mm	0-100	
J142/1	0.001 inch	0.5 inch	0-100	PUSH DOWN TYPE 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	50 mm (2 inch)
J138A/1L	0.001 inch	1.0 inch	0-100	

**Roller type
Thicknees Gaug**



**Stend type
Thicknees Gaug**



Thiknees Gaug



MITUTOYO MAKE



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



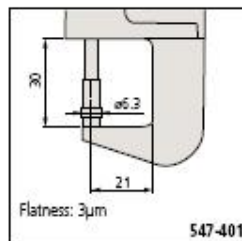
Deep Throat Type / Dial



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, 0.005"/0.01mm, 0.001"/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)

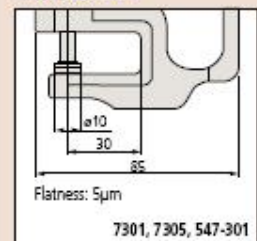
Function of Digital Models

Origin-set/Preset, Zero-set, GO/NG 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

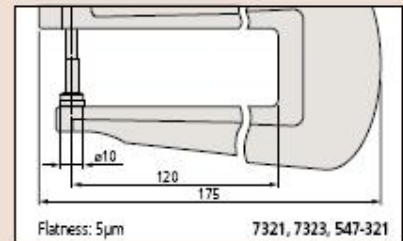
Optional Accessory

- 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/0.5" models only.
 **Can be used on 25mm/1" or 50mm/2" models.
 ***Required when orienting the indicator upside down.

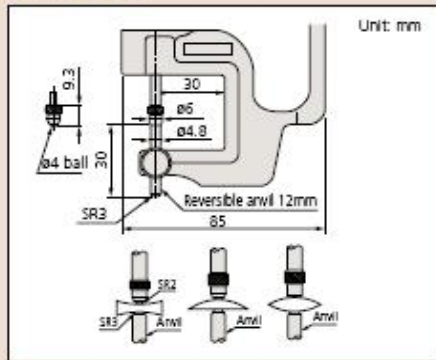
DIMENSION



Unit: mm



DIMENSION



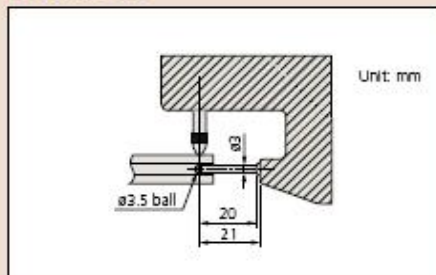
Lens thickness measurement



SPC
ABSOLUTE



DIMENSION



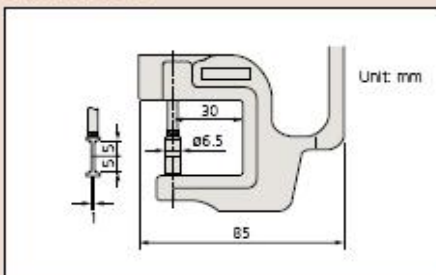
Tube thickness measurement



SPC
ABSOLUTE



DIMENSION



Groove thickness measurement



SPC
ABSOLUTE



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

