



# 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

#### 64 | Feeler Gauge / Thickness gauge - Mitutoyo

Feeler - mm	0.05 - 1	0.05 - 1	0.05 - 1	0.05 - 1	0.05 - 1	0.05 - 0.8	0.05 - 0.8	0.03 - 0.5	0.03 - 0.5
Leaves	28	28	20	13	13	10	10	13	13
Length- mm	100	150	150	100	150	100	150	100	150
Rs.	2360	2720	1855	1126	1450	973	973	811	1207
Code	184-313	184-303	184-304	184-305	184-301	184-306	184-308	184-307	184-302
Disc%	5								
Catalog	Page - 3	Page - 3	Page - 3	Page - 3	Page - 3	Page - 3	Page - 3	Page - 3	Page - 3

%, Calibration charge will be Rs. 30 per leaf.

#### 64 - 1 | Feeler Gauge / Thickness gauge - Atul / Globe / Rohit / Kristeel

Feeler-mm	0.03 - 1	0.05 - 1	1 - 2	0.01	0.02	0.03 - 1.00	0.05 - 1	0.05 - 1
Inch	--		--					0.002 - 0.025
Leaves	26	20	21	1	1	1	26	20
Length-mm	150	100	150	300	300	300	300	300
Make	Globe	Atul	Sudershan	Rohit	Rohit	Rohit	Rohit	Globe
Rs.	400	250	3600	250	200	400	670	600

\*Kristeel Discount : 30% Calibration charge will be Rs. 30 per leaf

#### 64 - 2 | Feeler Gauge / Thickness gauge Kristeel make

Feeler - Range	0.05 - 1.0mm	0.001" - 0.025"	Single End Feeler Gauge Holder
Leaves	13	27	-
Length- mm	100	75	-
Model	FG - 13	FG - 27	SEFGH
Rs.	250	450	435
Discount	30%	30%	30%
Catalog	Page No - 4	Page No - 5	Page No. 6

\* Calibration charge will be Rs. 30 per leaf.

**64 – 3 Feeler Gauge / Thickness gauge Kristeel make**

Feeler - Range	0.001” – 0.025”													
Leves in mm	0.635	0.025	0.038	0.051	0.063	.076	0.102	0.127	0.152	0.178	0.203	0.229	0.254	0.279
Leves in Inch	.025	.001	.0015	.002	.0025	.003	.004	.005	.006	.007	.008	.009	.010	.011
Leves in mm	0.305	0.330	0.356	0.381	0.406	0.432	0.457	0.483	0.508	0.533	0.559	0.584	0.610	
Leves in Inch	.012	.013	.014	.015	.016	.017	.018	.019	.20	.021	.022	.023	.024	
Leaves	27													
Length- mm	75													
Model	FG – 27													
Rs.	450													
Discount	30%													
Catalog	Page No. – 5													

**64 – 4 Feeler Gauge / Thickness gauge – Insize Make**

Feeler - Range- mm	0.05 – 1	0.05 – 1	0.05 – 1	0.03 – 1	0.05 – 1	0.05 – 1
Leaves	13	20	28	32	20	20
Length- mm	100	100	100	100	150	300
Code	4602 – 13	4602 – 20	4602 – 28	4602 – 32	4605 – 20	4605 – 202
Rs.	258	351	489	498	623	1076
Catalog	Page No – 9	Page No – 9	Page No – 9	Page No – 9	Page No – 9	Page No – 9

**64 - 5 Feeler Gauge Tape – Insize Make**

Thickness (mm)	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.12
Code	4621-02	4621-03	4621-04	4621-05	4621-06	4621-07	4621-08	4621-09	4621-10	4621-12
Rs.	758	599	599	439	439	439	439	439	439	518
Thickness (mm)	0.15	0.18	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55
Page No.-	10	10	10	10	10	10	10	10	10	10
Code	4621-15	4621-18	4621-20	4621-25	4621-30	4621-35	4621-40	4621-45	4621-50	4621-55
Rs.	439	518	439	478	478	730	770	770	770	849
Thickness (mm)	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	
Page No.-	10	10	10	10	10	10	10	10	10	
Code	4621-60	4621-65	4621-70	4621-75	4621-80	4621-85	4621-90	4621-95	4621-100	
Rs.	849	849	849	889	889	889	889	889	889	
Page No.-	10	10	10	10	10	10	10	10	10	

**64 – 6 Feeler Gauge Stock – Insize Make**

Thickness (mm)	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.12
Code	4622-02	4622-03	4622-04	4622-05	4622-06	4622-07	4622-08	4622-09	4622-10	4622-12
Rs.	1174	1082	942	715	715	715	715	715	715	1407
Thickness (mm)	0.15	0.18	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55
Page No. -	10	10	10	10	10	10	10	10	10	10
Code	4622-15	4622-18	4622-20	4622-25	4622-30	4622-35	4622-40	4622-45	4622-50	4622-55
Rs.	855	1416	855	855	855	942	942	942	942	1057
Thickness (mm)	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	
Page No. -	10	10	10	10	10	10	10	10	10	
Code	4622-60	4622-65	4622-70	4622-75	4622-80	4622-85	4622-90	4622-95	4622-100	
Rs.	1057	1057	1057	1148	1148	1148	1148	1148	1148	
Page No. -	10	10	10	10	10	10	10	10	10	

\*\*\* Warranty – 6 Months, Certificate - No, Discount – Nil.

## 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.

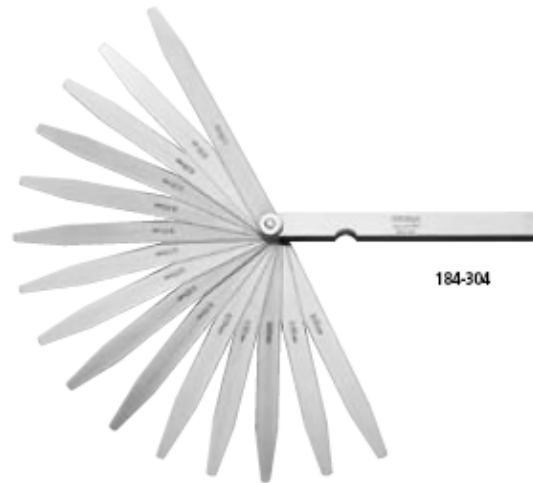
## MITUTOYO MAKE

### Thickness Gages

#### SERIES 184

#### FEATURES

- Metric thickness gages are available with tapered leaves.
- Each leaf is marked with its thickness.
- Each leaf is detachable if necessary.



#### SPECIFICATIONS

##### Metric

Range	Order No.	Composition of leaves	Remarks
0.05 - 1mm	184-3135	28 leaves: 0.05 - 0.15mm by 0.01mm, 0.2 - 1mm by 0.05mm	—
	184-3035	28 leaves: 0.05 - 0.15mm by 0.01mm, 0.2 - 1mm by 0.05mm	Long leaf
0.05 - 1mm	184-3045	20 leaves: 0.05 - 1mm by 0.05mm	Long leaf
0.05 - 1mm	184-3055	13 leaves: 0.05 - 0.3mm by 0.05mm, 0.4 - 1mm by 0.1mm	—
	184-3015	13 leaves: 0.05 - 0.3mm by 0.05mm, 0.4 - 1mm by 0.1mm	Long leaf
0.05 - 0.8mm	184-3065	10 leaves: 0.05 - 0.2mm by 0.05mm, 0.3 - 0.8mm by 0.1mm	—
	184-3085	10 leaves: 0.05 - 0.2mm by 0.05mm, 0.3 - 0.8mm by 0.1mm	Long leaf
0.03 - 0.5mm	184-3075	13 leaves: 0.03 - 0.1mm by 0.01mm, 0.2 - 0.5mm by 0.1mm, 0.15mm	—
	184-3025	13 leaves: 0.03 - 0.1mm by 0.01mm, 0.2 - 0.5mm by 0.1mm, 0.15mm	Long leaf

## KRISTEEL MAKE



**FEELER GAUGE -13 BLADES**

This gauge is used to check flatness & gap between mating parts.

Range : 0.05mm to 1.0 mm (Metric) (13 blades)

Blade length 4"

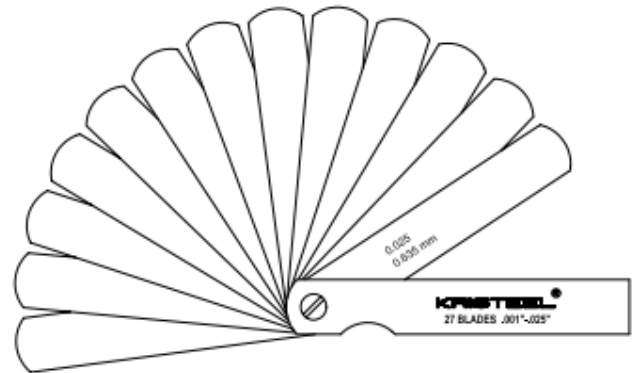
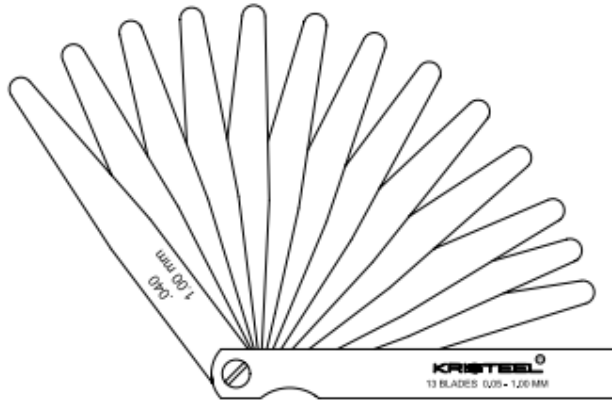


**FEELER GAUGE - 27 BLADES**

This gauge is used to check flatness & gap between mating parts.

Range : 0.001" to 0.025" (English / Metric Model) (27 Blades)

Blade length - 3"

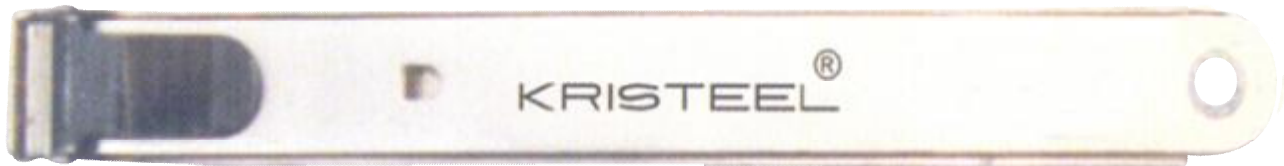


**MATERIAL :-** Steel  
**RANGE :-** 0.025 mm to 1.0 mm ( 0.001" to 0.39" )  
**ACCURACY :-** As per T2 grade tolerances  
**FINISH :-** Fine Polished

**USES :-** Feeler gauges each Leaf Is made In Imported material by Fine Blanking  
 Each Leaf have Permanent marked Leaf Thickness In Metric & English  
 This Very Precise Feeler gauge Is Usefull In Automobile to check gap In Cylnder and Pliston.  
 Also Usefull in ToolRoom , Die manufacturer and General Engineering as a Shims .In Quality Department as a Masteer Gauge.

**PACKING :-** Each Assembly Is stacked with External Cover duly marked Model size with Tightening screw In Plastic Pouch.  
**AVAILABLE MODELS :-** 1) 27 Blades , 2) 13 Blades , 3) 9 Blades With diferent Length Ilke 3" , 4" with & without Taper cutting at Tail.  
 4) Also Available Strips in 12" Length

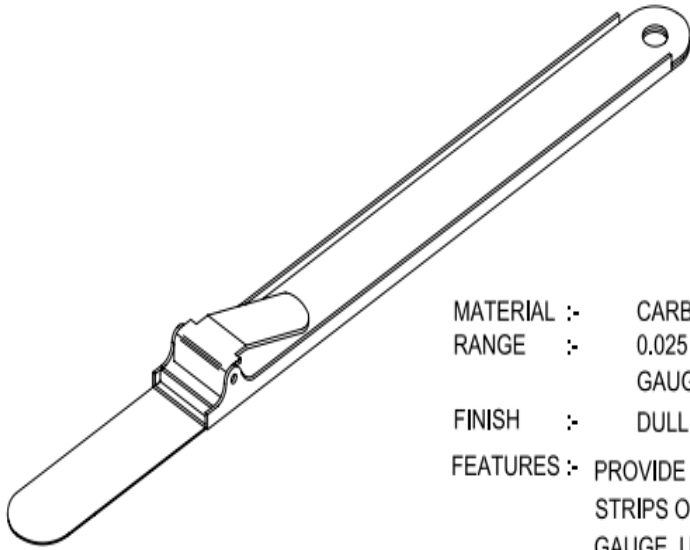
**FEELER GAUGE HOLDER**



**FEELER GAUGE HOLDER**

This nickle plated feeler gauge holder provides a convenient means of holding a single feeler strip or leaves of thickness (feeler) gauge. The camlock gripping permits every bit of stock to be used . Double end model can also be made available which can be used to hold GO & NOGO thickness gauges.

Range: 0.025 to 0.635 mm thick feeler gauge can be held, gauge blade width upto 12.7 mm. (0.5")



MATERIAL :- CARBON STEEL

RANGE :- 0.025 TO 0.635 mm FEELER GAUGE CAN BE HOLD  
GAUGE BLADE WIDTH UPTO 0.5" ( 12.7 mm )

FINISH :- DULL NICKEL PLATED

FEATURES :- PROVIDE A CONVENIENT MEANS OF HOLDING A SINGLE LEAVES OR STRIPS OF THICKNESS GAUGE  
GAUGE UP TO 6" LONG AND FROM 0.025 TO 0.636mm THICK CAN BE HOLD.  
CAMLOCK GRIPPING PERMITSEVERY BIT OF STOCK TO BE USED  
DULL NICKEL FINISH TO ALL PARTS  
AVAILABLE SINGLE AND DOUBLE ENDED MODELS  
DOUBLE ENDED MODEL CAN BE USED TO HOLD GO & NOGO THICK. GAGES  
TWO COLOUR CAM LOCK FOR DOUBLE ENDED HOLDER

AVAILABLE MODELS :- 1) SINGLE ENDED 2) DOUBLE ENDED

# How to use a thickness ('feeler') gauge

## What is it?

Sometimes you need to set a gap between two components in your car, for instance when checking your spark plugs, doing a valve adjustment, or setting the distributor. When you need an exact gap, thickness or 'feeler' gauges are the perfect help.

Thickness gauge with all the different blades out:



## How to use it

Find out the gap of what you're trying to adjust from a manual, help guide or the ever helpful internet. Each of the blades of the thickness gauge has a different measurement on it, e.g. .025, .0015 (very thin), etc. Separate the one you want and fold the rest away. Some gauges have a knob where they all hinge which you can tighten to keep the blade you want locked in place.

Slide the measuring blade in to the gap you want to set, then move the machinery you're adjusting in to it's just touching the gauge, the move it out just slightly. What you're after here is to not quite grip the measuring blade - it should be able to just slide in and out. Don't use the machinery to clamp it in, as that will actually be too small a gap and also you'll dent the soft metal of the blade.

Once you have the gap set so you can just get the blade out, tighten up the machinery a bit, but not to full tightness. Now double check you can get the blade in but it doesn't rattle, and you can't get the next size blade up in the gap. If it's still right, tighten up the machinery the rest of the way.

Don't forget to fold away the blade before putting the thickness gauge in your toolbox, as they're easily bent.



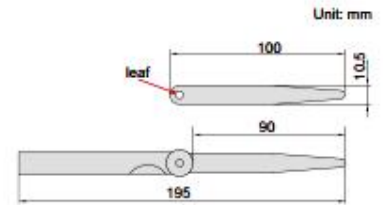
# INSIZE MAKE

## FEELER GAGE

- Made of hardened alloy steel
- Meet DIN2275
- Accuracy:  $\pm(3+T/80)$   $\mu\text{m}$ ,  
 \*T' is the thickness of leaves in  $\mu\text{m}$

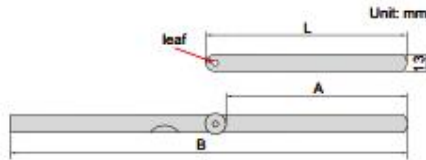


4602-20



Code	Range (mm)	Thickness of leaves included (mm)	Quantity of leaves
4602-13A	0.03 - 0.50	0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.30, 0.40, 0.50	13
4602-13	0.05 - 1.00	0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00	13
4602-17	0.02 - 1.00	0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.40, 0.50, 0.75, 1.00	17
4602-20	0.05 - 1.00	0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00	20
4602-28	0.05 - 1.00	0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.11, 0.12, 0.13, 0.14, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00	28
4602-32	0.03 - 1.00	0.03, 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.13, 0.15, 0.18, 0.20, 0.23, 0.25, 0.28, 0.30, 0.33, 0.35, 0.38, 0.40, 0.45, 0.50, 0.55, 0.60, 0.63, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 1.00	32

## LONG FEELER GAGE



- Made of hardened alloy steel
- Meet DIN2275
- Accuracy:  $\pm(3+T/80)$   $\mu\text{m}$ , \*T' is the thickness of leaves in  $\mu\text{m}$



4605-20

(mm)

Code	Range	Thickness of leaves included (mm)	Quantity of leaves	L	A	B
4605-13	0.05 - 1.00mm	0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.40, 0.50, 0.60, 0.70, 0.80, 0.90, 1.00	13	150	135	295
4605-131	0.05 - 1.00mm		13	200	185	395
4605-132	0.05 - 1.00mm		13	300	285	590
4605-20	0.05 - 1.00mm	0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00	20	150	135	295
4605-201	0.05 - 1.00mm		20	200	185	395
4605-202	0.05 - 1.00mm		20	300	285	590

## FEELER GAGE TAPE

- Used as shims to accurately set spacing
- Made of hardened alloy steel
- Length 5m
- Width 13mm



4621-30



Code	Thickness (T)	Accuracy
4621-02	0.02mm	±4µm
4621-03	0.03mm	±4µm
4621-04	0.04mm	±4µm
4621-05	0.05mm	±4µm
4621-06	0.06mm	±4µm
4621-07	0.07mm	±5µm
4621-08	0.08mm	±5µm
4621-09	0.09mm	±5µm
4621-10	0.10mm	±5µm
4621-12	0.12mm	±5µm

Code	Thickness (T)	Accuracy
4621-15	0.15mm	±6µm
4621-18	0.18mm	±7µm
4621-20	0.20mm	±8µm
4621-25	0.25mm	±9µm
4621-30	0.30mm	±9µm
4621-35	0.35mm	±11µm
4621-40	0.40mm	±12µm
4621-45	0.45mm	±12µm
4621-50	0.50mm	±14µm
4621-55	0.55mm	±14µm

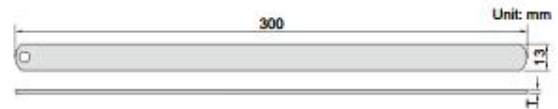
Code	Thickness (T)	Accuracy
4621-60	0.60mm	±14µm
4621-65	0.65mm	±14µm
4621-70	0.70mm	±17µm
4621-75	0.75mm	±17µm
4621-80	0.80mm	±19µm
4621-85	0.85mm	±19µm
4621-90	0.90mm	±22µm
4621-95	0.95mm	±22µm
4621-100	1.00mm	±24µm



- Used as shims to accurately set spacing
- Made of hardened alloy steel
- Length 300mm
- Width 13mm
- 10pcs/package



4622-10



Code	Thickness (T)	Accuracy
4622-02	0.02mm	±3µm
4622-03	0.03mm	±3µm
4622-04	0.04mm	±3µm
4622-05	0.05mm	±3µm
4622-06	0.06mm	±3µm
4622-07	0.07mm	±4µm
4622-08	0.08mm	±4µm
4622-09	0.09mm	±4µm
4622-10	0.10mm	±4µm
4622-12	0.12mm	±5µm

Code	Thickness (T)	Accuracy
4622-15	0.15mm	±5µm
4622-18	0.18mm	±6µm
4622-20	0.20mm	±6µm
4622-25	0.25mm	±6µm
4622-30	0.30mm	±7µm
4622-35	0.35mm	±7µm
4622-40	0.40mm	±8µm
4622-45	0.45mm	±8µm
4622-50	0.50mm	±9µm
4622-55	0.55mm	±9µm

Code	Thickness (T)	Accuracy
4622-60	0.60mm	±9µm
4622-65	0.65mm	±9µm
4622-70	0.70mm	±12µm
4622-75	0.75mm	±12µm
4622-80	0.80mm	±13µm
4622-85	0.85mm	±13µm
4622-90	0.90mm	±14µm
4622-95	0.95mm	±14µm
4622-100	1.00mm	±16µm