

Comparator Gages

Metric Dial Comparator Gage

Range: +/- 0.05mm

Grad: 0.001mm

Stem Dia.: 8mmH6

Order No.605-5001



Inch Dial Comparator Gage

Range: +/- 0.002"

Grad: 0.00005"

Stem Dia.: 3/8"H6

Order No.605-5002



Large Radial Dial Gage

- Easy to measure the radius of cylinders with radius from 100 to 1000mm
- $R=200/h+h/2-3$



Range	Graduation	Order No.
100-1000mm	0.001mm	615-6101

Spherical Radial Dial Gages

- Easy to measure the radius of cylinders item
- Equipped with a shock-proof dial indicator
- $R=200/h+h/2-3$



Range	Graduation	Order No.
15-100mm	0.01mm	615-6111
325-1250mm	0.001mm	615-6112

Digital Large Radial Gage

- Easy to measure the radius of cylinders with radius from 100 to 1000mm
- $R=200/h+h/2-3$



Range	Graduation	Order No.
100-1000mm	0.001mm	615-6105

Digital Spherical Radial Gages

- Easy to measure the radius of cylinders item
- Equipped with a shock-proof dial indicator
- $R=200/h+h/2-3$



Range	Graduation	Order No.
15-100mm	0.01mm	615-6115
325-1250mm	0.001	615-6116

Back Plunger Dial Indicators

Metric Back Plunger Dial Indicators

Range	Grad.	Dial Diameter	Order No.
0-1mm	0.01mm	40mm	605-3801
0-3mm	0.01mm	40mm	605-3803
0-5mm	0.01mm	40mm	605-3805



Inch Back Plunger Dial Indicators

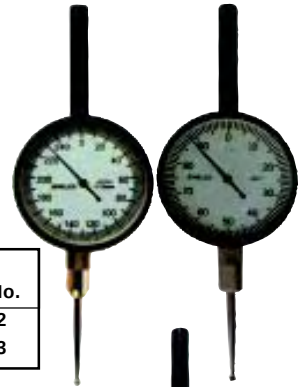
Range	Grad.	Dial Diameter	Order No.
0-0.04"	0.001"	1-3/5"	605-3814
0-0.1	0.001	1-3/5	605-3811
0-0.2	0.001	1-3/5	605-3812
0-0.25	0.001	1-3/5	605-3813



Universal Test Dial Indicator

Features:

- Screws directly into base-no supporting arms needed
- Directly engaged to indicator shaft
- Reaches into deeper holes
- Sensitive plunger



Range	Grad.	Dial Diameter	Order No.
0-0.1"	0.001"	1.65"	605-3822
0-2.5mm	0.02mm	42mm	605-3823



Range	Grad.	Dial Diameter	Holding Rod Dia.	Order No.
0-0.1"/0-0.2"	0.001"	1-3/5"	1/4"	605-3821

Horizontal Test Indicators

- Dial reading: 0-15-0
- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- 210° Swivel arc
- Tungsten carbide .080" point



Individual

Range	Grad.	Dial Dia.	Order No.
.060"	.0005"	1.5"	605-5866
1.6mm	0.01mmG	3.8mm	605-5868

Set

Set Includes:

- Large size dial test indicator
- Axial support
- Height gage bar with clamp
- Universal holder
- Adaptor sleeve
- Contact point case
- Contact point wrench
- Finished in fitted

0.06"

Order No. 605-4870

1.6mm

Order No.605-4871



Dial Test Indicators

Horizontal

- Dial Face is 1.26" (32mm), Large Dial Face is 1.57" (39mm)

Range	Grad.	Horizontal Order No.	Horizontal Large Dial Order No.
0.008"	0.0001"	605-4705	605-4905
0.03"	0.001"	605-4701	605-4901
0.03"	0.0005"	605-4709*	
0.03"	0.0005"	605-4710	605-4910
0.12mm	0.001mm	605-4712	605-4912
0.2mm	0.002mm	605-4711	605-4911
0.8mm	0.01mm	605-4713	605-4913



Horizontal with Ruby Contact Point

- Higher resistance to wear.
- Higher chemical and thermal stability.

Range	Graduation	Horizontal Order No.
0.008"	0.0001"	605-5705
0.03"	0.001"	605-5701
0.03"	0.0005"	605-5710
0.03mm	0.0005mm	605-5709*
0.2mm	0.002mm	605-5711
0.12mm	0.001mm	605-5712
0.8mm	0.01mm	605-5713



- Accessory Included: Two stems, 5/32 & 3/8" (inch) or 6 & 8mm (metric).
- Items with "*" supplied in black face.

Vertical

Range	Grad.	Vertical Order No.
0.008"	0.0001"	605-4805
0.03"	0.001"	605-4801
0.03"	0.0005"	605-4810
0.12mm	0.001mm	605-4812
0.2mm	0.002mm	605-4811
0.8mm	0.01mm	605-4813



Horizontal & Vertical with Carbide Contact Point

Range	Grad.	Horizontal Order No.	Vertical Order No.
0.008"	0.0001"	605-4505	605-4405
0.03"	0.001"	605-4501	605-4401
0.03"	0.0005"	605-4510	605-4410
0.03"	0.0005"	605-4509*	
0.12mm	0.001mm	605-5012	605-4412
0.8mm	0.01mm	605-4513	605-4413
0.2mm	0.002mm	605-4511	605-4411



Large Range

Range	Graduation	Accuracy	Order No.
0-.06"	.0005"	.0004"	605-4606
0-1.6mm	.01mm	.008mm	605-4616

Digital Test Indicators

- Function Keys Include: Power on/off key, Zero setting key, Metric/Inch key, Tolerance key.
- Measuring probe: 2.5mm.



Range	Graduation	Face Color	Order No.
+/- 0.5mm/0.02"	0.01mm/0.0005"	Yellow	605-0001
+/- 0.5mm/0.02"	0.01mm/0.0005"	Black	605-0002
+/- 0.5mm/0.02"	0.001mm/0.0001"	Yellow	605-0005
+/- 0.5mm/0.02"	0.001mm/0.0001"	Black	605-0006

Dial Test Indicator Sets

Horizontal Type

Set Includes:

- Test indicator:
- Dial reading: 0-15-0
- Two contact point
- 3/8" & 1/4" dovetail stems
- contact point wrench
- Height gage bar
- Universal Dovetail clamp
- Finished in fitted plastic case



Total Range	Grad.	Face	Order No.
0.030"	0.0005"	White	605-4707
0.030"	0.0005"	Black	605-4708

Horizontal Test Indicator with Magnetic Base

Magnetic base: Locking screw and two universal ball sockets for setting at any angle position. Microfine adjustment screw. Removable extension arm. Dovetail form holder with lock-

ing control to hold dovetail test indicators. Accepts .250 diameter test indicator stems. The base is finished in wrinkled enamel.

Test Indicator:

- .060" Range
- Graduation: .0005"
- Dial reading: 0-15-0
- Jewelled movement
- Revolution counter
- Automatic reversal
- Swivel arc: 210°
- 3 points: 0.04, 0.08 and 0.12"
- Includes 2 dovetail stems
- Furnished in fitted case

Order No. 605-4874



Test Indicator & Holder Combo Set

Test Indicator:

- .060" Range
- Graduation: .0005"
- Dial reading: 0-15-0
- Jewelled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- Swivel arc: 210°
- 3 points: 0.04, 0.08 and 0.12"
- Includes 2 dovetail stems
- Furnished in fitted case

Quill Type Holder

- 1-7/8" capacity
- Reach from 0-12" dia.
- Adapts immediately for fast and positive indication



Set Order No. 605-4872

Indicator & Magnetic Base Set

Indicator:

- .030" Range
- Graduation: .0005"
- Dial reading: 0-15-0
- Includes carbide tip points: (0.08" dia. by 1/2" long)

Magnetic Holder

- Two universal ball sockets
- Fine adjustment
- Dovetail clamp
- Base 1-3/16" dia., 1" high
- Extension rod 1/4" dia. by 3-1/2"



White Face

Set Order No. 605-4876

Black Face

Set Order No. 605-4877

Accurate Monorail Indicator Holder

- Use in milling machines or holders
- 5/32" Hole in shaft accepts dovetail holder with 5/32" stem
- Excellent device for set ups and measurements
- Aluminum body, 5-1/2" reach
- Locking shaft for secure mounting



Order No. 605-0102

Zero-Set for Test Indicators

Indicator is 0.030" range, 0.0005" grad., 0-15-0 dial reading, Horizontal type. Zero-Set is specially designed for test indicators with dovetails and functions as a quick and practical work positioning device. Setting up a workpiece before machining, or aligning the center of a round workpiece in relation to the cutting head, takes virtually no time with Zero-Set. Attach Zero-Set directly to the collet, then zero-in the work position by reading the test indicator. The hardened clamping post consists of three OD's, from top 1/4", 3/8" and 1/2" and has hardness of approx 58-60 HRC. The illustration indicates the alignment of a workpiece in relation to the cutting head. It reaches anywhere within a 8" diameter and fine adjusts about 3/8" with a large knurled knob. Zero-Set can also be adapted to transfer stands for closer control of the test indicator. Zero-Set attachment allows for the placement of any test indicator equipped with dovetail or 1/4" posts in a multitude of positions and angles up to 90degree on either side, bending both forward and backwards.



Zero Set Only

Order No. 605-0100

Zero Set with Test Indicator

Order No. 605-0130

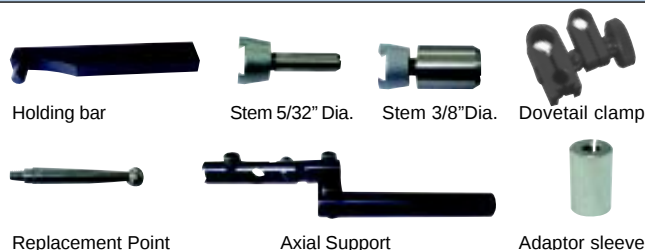
Zero Set Universal Attachment

- For standard ZeroSet indicator accessory.
- Allows the placement of any test indicator with dovertails in a multitude of positions.
- Angles up to 90° on either side
- Allows for an infinite range of measure ments over an extensive area



Order No. 605-0030

Indicator Accessories



Specifications	Order No.
1/4"x1/2" Holding bar with 1/4" pin	605-0031
Stem 5/32" diameter with dovetail washer	605-0032
Stem 3/8" diameter with dovetail washer	605-0033
Dovetail clamp, bore diameter 1/4" and 3/8"	605-0034
Replacement Point 0.04"	605-0035
Replacement Point 0.08"	605-0036
Replacement Point 0.12"	605-0037
Axial Support	605-0038
Adaptor sleeve	605-0039