

Electronic Indicators

Advanced Model



- Meets ASME B89.1.10M-2001 standards
- 320 degree rotating display – digital/analog
- Stem diameter: 3/8"
- Button functions: tolerance GO and NOGO display, data preset, measuring direction change, max/min/TIR measurement, inch/metric conversion, absolute/incremental measurement
- Battery CR2032 – auto power off
- Data output
- Lug back
- Contact point thread #4-48UNF
- Supplied in fitted storage case

OPTIONAL ACCESSORIES:

- SPC cable
- Contact points
- Flat back



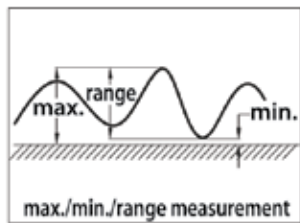
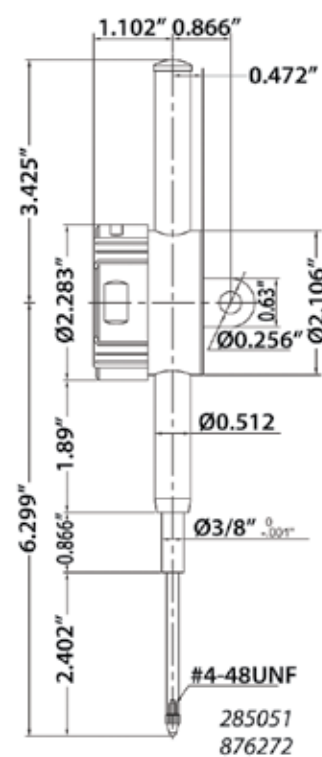
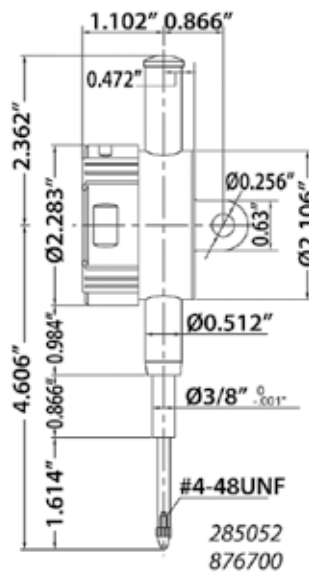
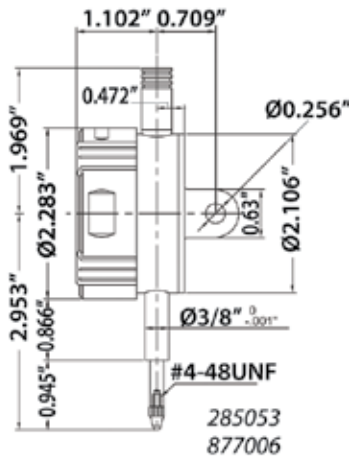
285053



876700



285051



Range (Inch/mm)	Resolution (Inch/mm)	Accuracy (Inch)	INSIZE No.	Code
0.5/12.7	0.00005/0.001	±0.0002	2103-10E	285053
1/25.4	0.00005/0.001	±0.0002	2103-25E	285052
2/50.8	0.00005/0.001	±0.00024	2103-50E	285051
0.5/12.7	0.0005/0.01	±0.0008	2104-10E	877006
1/25.4	0.0005/0.01	±0.0008	2104-25E	876700
2/50.8	0.0005/0.01	±0.0012	2104-50E	876272

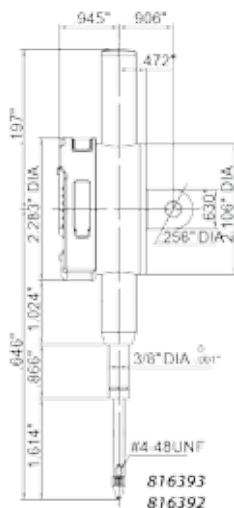
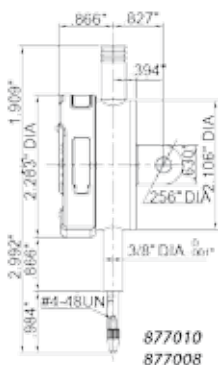
Electronic Indicators



- Meets ASME B89.1.10M-2001 standards
- Accuracy: $\pm 0.00015''$
- Hysteresis: $0.00005''$
- Button function: on/off, inch/mm, zero
- Auto power off
- Battery CR2032
- Data output
- Lug back
- Contact point thread #4-48UNF
- Supplied in fitted storage case

OPTIONAL ACCESSORIES:

- SPC cable
- Contact points
- Flat back



Resolution: 0.00005"/0.001mm

Range (Inch/mm)	INSIZE No.	Code
0.5/12.7	2112-101E	877008
1/25.4	2112-251E	816392
2/50.8	2112-501E	816394

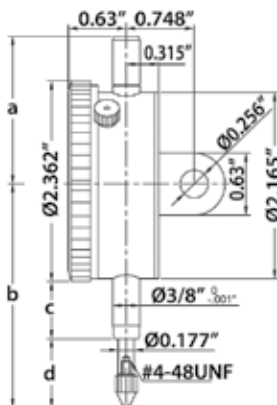
Resolution: 0.0005"/0.01mm

Range (Inch/mm)	INSIZE No.	Code
0.5/12.7	2112-10E	877010
1/25.4	2112-25E	816393
2/50.8	2112-50E	816395

Dial Indicators



Inch



- Meets ASME B89.1.10M-2001 standards
- Lug back
- Bezel locking clamp and tolerance index
- Contact point thread: #4-48UNF
- Supplied in fitted storage case

OPTIONAL ACCESSORIES: Contact points, Flat back

Specifications				
Range (Inch)	a (Inch)	b (Inch)	c (Inch)	d (Inch)
0.25	1.811	2.953	0.787	0.984
0.5	1.811	2.953	0.787	0.984
1	1.811	3.346	0.787	1.375
2	4.370	5.472	1.969	2.323

Range (Inch)	Graduation (Inch)	First 2.5 Rev Accuracy (Inch)	Overall Accuracy (Inch)	Range per Rev (Inch)	Dial Reading	INSIZE No.	Code
0.25	0.001	±0.001	±0.001	0.1	0-100	2307-025	282705
0.5	0.001	±0.001	±0.002	0.1	0-100	2307-05	816156
1	0.001	±0.001	±0.002	0.1	0-100	2307-1	816158
2	0.001	±0.001	±0.004	0.1	0-100	2307-2	816160
0.25	0.0005	±0.0005	±0.0015	0.05	0-50	2307-0255	282707
0.5	0.0005	±0.0005	±0.0015	0.05	0-50	2307-055	282708
1	0.0005	±0.0005	±0.002	0.05	0-50	2307-105	282709
2	0.0005	±0.0005	±0.002	0.05	0-50	2307-205	282710

Dial Indicator

- Lug back



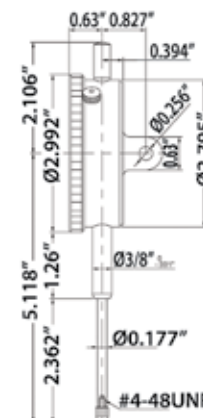
Range (Inch)	Graduation (Inch)	Bezel Diameter (Inch)	Reading	Code
0-1	0.001	2-3/16	0-100-0	841021

Large Face Dial Indicator



- Meets ASME B89.1.10M-2001 standards
- Lug back
- Bezel locking clamp and tolerance index
- Contact point thread: #4-48UNF
- Supplied in fitted storage case

OPTIONAL ACCESSORIES: Contact points

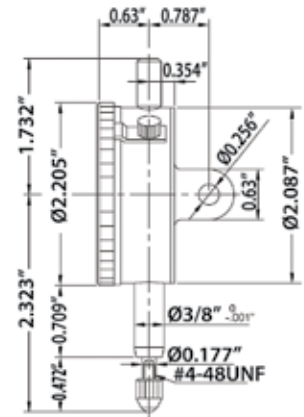


Range (Inch)	Graduation (Inch)	First 2.5 Rev Accuracy (Inch)	Overall Accuracy (Inch)	Range per Rev (Inch)	Dial Reading	INSIZE No.	Code
1.5	0.001	±0.001	±0.004	0.1	0-100	2312-15	282711
2	0.001	±0.001	±0.004	0.1	0-100	2312-2	282712

Precision Dial Indicator



- Meets ASME B89.1.10M-2001 standards
- Shock proof
- Jeweled bearing
- Lug back
- Bezel locking clamp and tolerance index
- Contact point thread #4-48UNF
- Supplied in fitted storage case



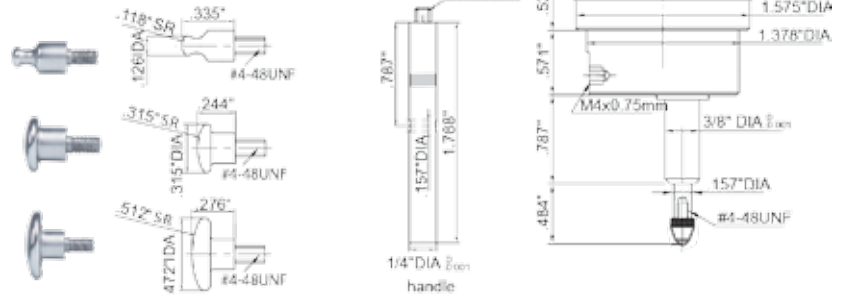
OPTIONAL ACCESSORIES: Contact points, Flat back

Range (Inch)	Graduation (Inch)	First 2.5 Rev Accuracy (Inch)	Overall Accuracy (Inch)	Range per Rev (Inch)	Dial Reading	INSIZE No.	Code
0.05	0.0001	±0.0001	±0.0003	0.01	0-100	2315-05	282719

Back Plunger Dial Indicator



- Supplied with handle
- Contact point thread #4-48UNF
- Supplied in fitted storage case



OPTIONAL ACCESSORIES: Contact points

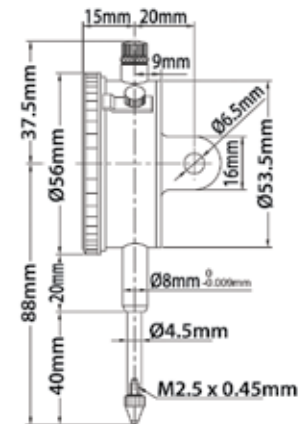
Range (Inch)	Graduation (Inch)	Accuracy (Inch)	Hysteresis (Inch)	Range per Rev (Inch)	Dial Reading	INSIZE No.	Code
0.2	0.001	±0.001	±0.00033	0.1	0-100	2320-02	816371

Dial Indicators

Metric



- Lug back on 282665, flat back on 282664
- Bezel locking clamp and tolerance index
- Contact point thread: M2.5 x 0.45
- Supplied in fitted storage case



OPTIONAL ACCESSORIES: Contact points, Flat back or Lug back

Range (mm)	Graduation (mm)	Accuracy (mm)	Range per Rev (mm)	Dial Reading	INSIZE No.	Code
30	0.01	0.035	1	0-100	2310-30A	282665
30	0.01	0.035	1	0-100	2310-30FA	282664

Dial Indicator

Metric



- Lug back
- Bezel locking clamp and tolerance index
- Contact point thread: M2.5 x 0.45
- Supplied in fitted storage case



OPTIONAL ACCESSORIES: Contact points, Flat back

Range (mm)	Graduation (mm)	Accuracy (mm)	Range per Rev (mm)	Dial Reading	INSIZE No.	Code
25	0.1	0.06	10	0-10	2318-25	816164

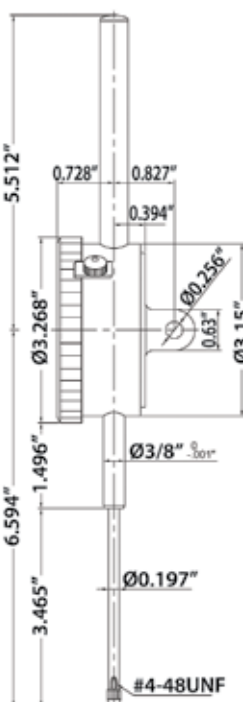
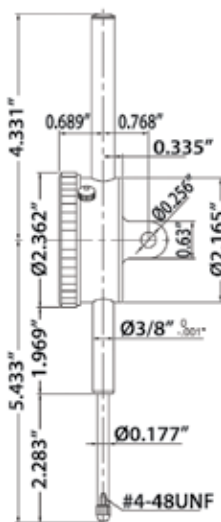
Long Stroke Dial Indicators



- Lug back
- Bezel locking clamp and tolerance index
- Contact point thread: #4-48UNF
- Supplied in fitted storage case



OPTIONAL ACCESSORIES: Contact points
Flat back



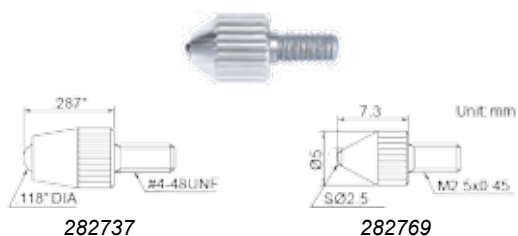
Range (Inch)	Graduation (Inch)	First 2.5 Rev Accuracy (Inch)	Overall Accuracy (Inch)	Range per Rev (Inch)	Dial Reading	INSIZE No.	Code
* 2	0.001	±0.001	±0.004	0.1	0-100	2326-2	282715
3	0.001	±0.001	±0.005	0.1	0-100	2326-3	282717
4	0.001	±0.001	±0.005	0.1	0-100	2326-4	282718

NOTE: 282717 and 282718 can only be used vertically

Indicator Points

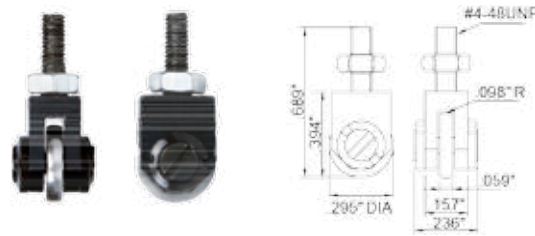


Ball Points Carbide



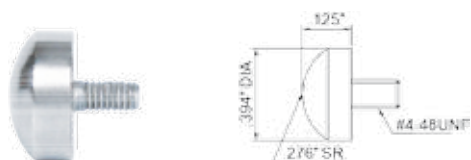
INSIZE No.	Code
6282-0102	282737
6282-0304	282769

Roller Points Steel



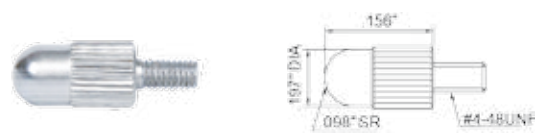
INSIZE No.	Code
6282-1902	282827

Spherical Points Steel



INSIZE No.	Code
6282-0402	282764

Shell Points Steel



INSIZE No.	Code
6282-0201	282753

Flat Points Steel



INSIZE No.	Code
6282-1207	282795

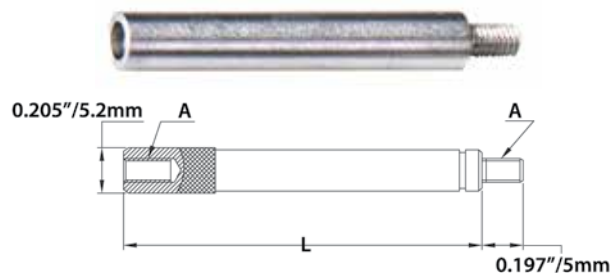
Conical Points Steel



INSIZE No.	Code
6282-0702	282778

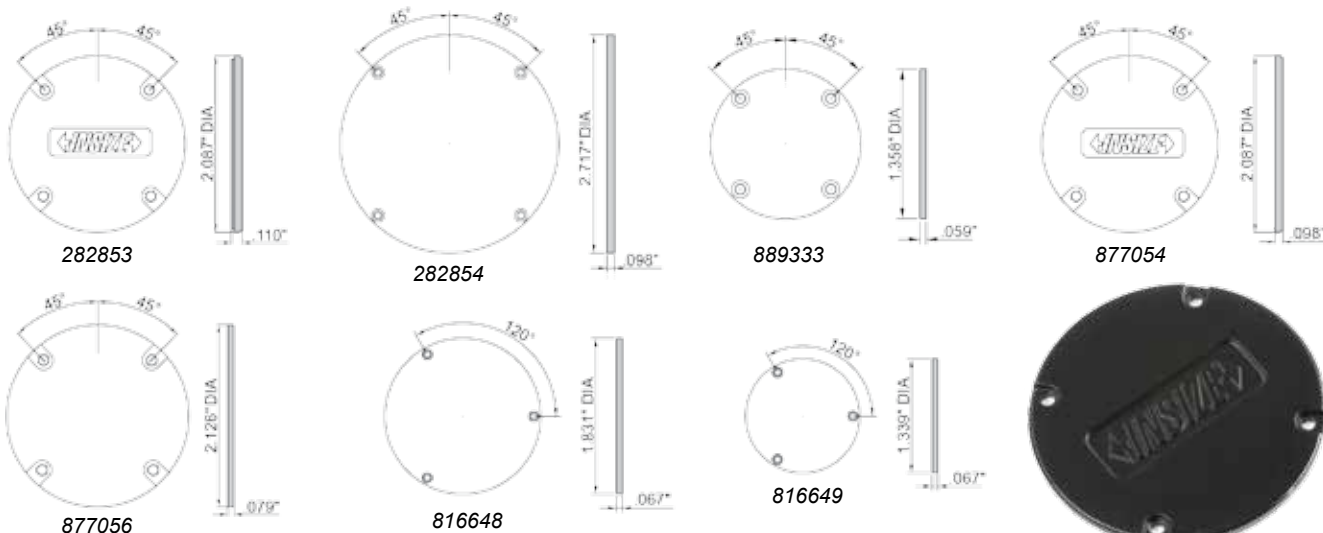
Indicator Extension Rods

Steel



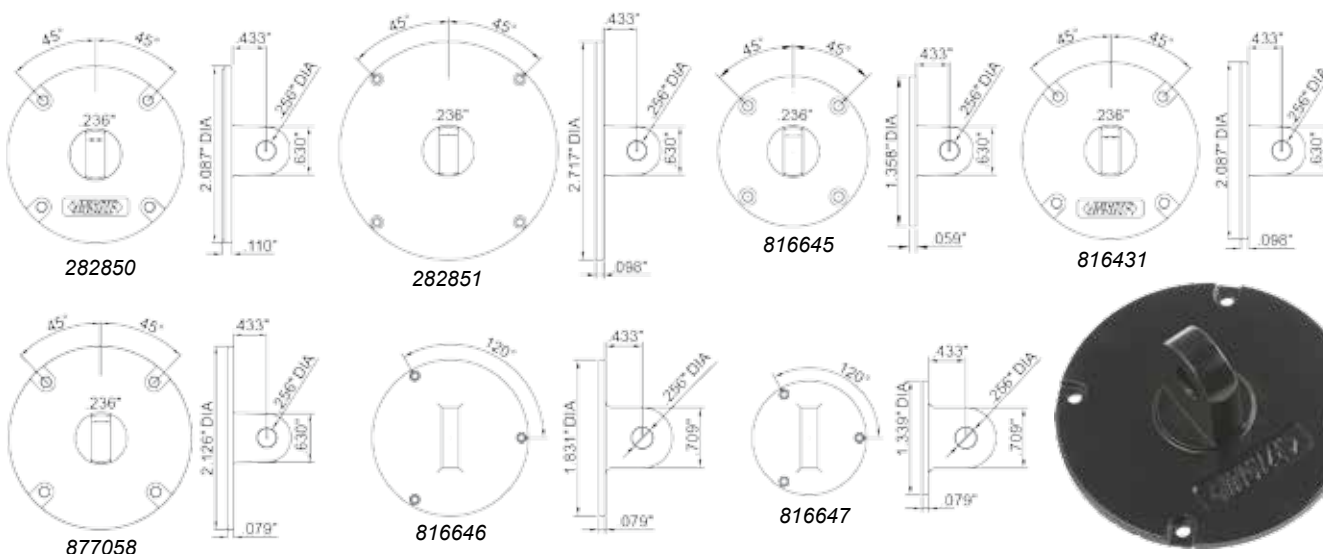
L (Inch)	A Thread	INSIZE No.	Code
1	#4-48UNF	6282-2018	282823
2	#4-48UNF	6282-2019	282824
4	#4-48UNF	6282-2020	282825

Indicator Flat Backs



For use with Electronic/Dial Indicators	INSIZE No.	Code
INSIZE series 2315	7330-F2	282853
INSIZE No. 2326-3 and 2326-4	7330-F3	282854
INSIZE series 2304	7330-F4	889333
INSIZE series 2103, 2104, 2112, 2113, and 2115	7330-F5	877054
INSIZE series 2307 and No. 2326-2	7330-F6	877056
INSIZE series 2837	7330-F7	816648
INSIZE series 2832	7330-F8	816649

Indicator Lug Backs



For use with Electronic/Dial Indicators	INSIZE No.	Code
INSIZE series 2315	7330-L2	282850
INSIZE No. 2326-3 and 2326-4	7330-L3	282851
INSIZE series 2304	7330-L4	816645
INSIZE series 2103, 2104, 2112, 2113, and 2115	7330-L5	816431
INSIZE series 2307 and No. 2326-2	7330-L6	877058
INSIZE series 2837	7330-L7	816646
INSIZE series 2832	7330-L8	816647

Indicator Point Set



Inch

- A 22-piece assortment which includes all popular indicator contact points
- Standard 4-48 thread
- Supplied in plastic case

Code

805784

Indicator Holder

Zero Set

- The Zero Set fits all dovetail equipped indicators and is used for checking set-ups
- Checks the alignment of the centers of round materials in relation to the cutting head
- Significantly speeds the set-up operation
- Equipped with a spindle post with 1/4", 3/8", and 1/2" diameters and has an effective measuring range of 3/8" to 9"



Code

425498

Universal Indicator Holder

Indicol Type

- Ideal for Bridgeports
- 1-7/8" spindle diameter
- 12" reach



Code

302269

Indicator Holder

Zero Set Universal

- A unique attachment for our standard Zero Set indicator accessory
- Allows the placement of any test indicator with dovetails in a multitude of positions
- Angles up to 90° either side
- Bends both forward and backward
- Allows for an infinite range of measurements over an extensive area
- Attaches in seconds to 425498 Zero Set



NOTE: UNIVERSAL UNIT CIRCLED

Code

425497

Half Round Indicator Holder

- Two-point adjustment
- 1/4" shank
- For dovetail and 5/32" stem indicators



Code

302268

Universal Indicator Holder

- Allows user expanded ability to hold dovetail test indicators at infinitely variable angles and positions
- Brass lock gib does not scar dovetail



Code

840620

Dovetail Clamp

- Fits all indicators and clamps all standard dovetails
- Clamps all diameters from 1/8" to 1/4"



Code

840622

Granite Dial Comparator Stand

- Microscrew fingertip control
- Black granite surface plate, 2" thick
- 0.00005" granite flatness
- Full 6" square
- 10" overall height
- Weight: 14lbs/6kg
- Accepts all AGD indicators



Indicator not included

Code

840349

Magnetic Indicator Holder

- A universal magnetic base that will save time and improve accuracy
- Strong magnet with 45 lbs. of holding power
- Zinc diecast housing
- 5 different locations for mounting accessories:
 - 3 positions 1/4-20 for lug mounts
 - 1 tapped hole 10-32
 - 1 reamed hole 3/8"
- Size: 4-1/2" x 1 x 1-1/4"



Indicator not included



Code

425560

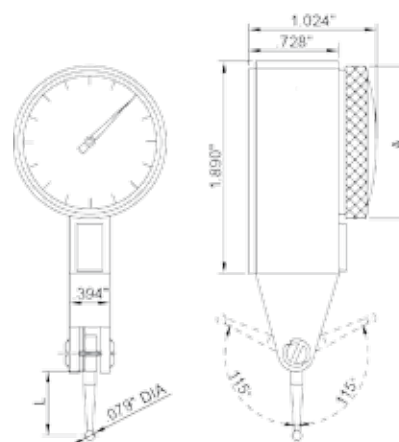
Dial Test Indicators



282858



Supplied with two clamps



- Jeweled bearing
- Carbide contact point
- Two measuring directions
- Anti-magnetic body
- Supplied with two clamps: 5/32" and 3/8" diameters
- Supplied in fitted storage case

OPTIONAL ACCESSORY: Stylus

Range (Inch)	Graduation (Inch)	Accuracy (Inch)	Dial Reading	ØA (Inch)	L (Inch)	INSIZE No.	Code
0.03	0.001	±0.001	0-15-0	1.181	0.500	2380-31	282858
0.03	0.0005	±0.0005	0-15-0	1.181	0.500	2380-35	816170
0.008	0.0001	±0.0001	0-40-0	1.181	0.563	2380-301	816172
0.03	0.001	±0.001	0-15-0	1.457	0.500	2381-31	282859
0.03	0.0005	±0.0005	0-15-0	1.457	0.500	2381-35	282860

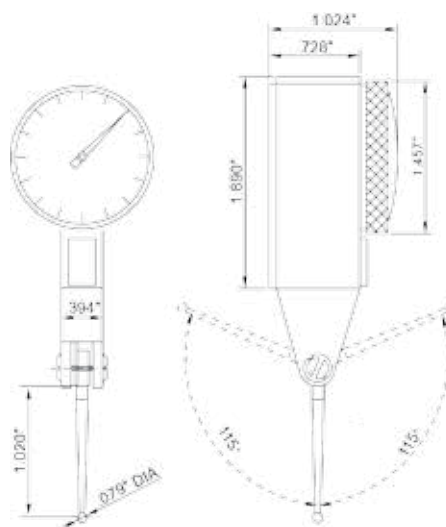
Dial Test Indicator



With Long Stylus



Supplied with two clamps



- Jeweled bearing
- Carbide contact point
- Two measuring directions
- Anti-magnetic body
- Supplied with two clamps: 5/32" and 3/8" diameters
- Supplied in fitted storage case

OPTIONAL ACCESSORY: Stylus

Range (Inch)	Graduation (Inch)	Accuracy (Inch)	Dial Reading	INSIZE No.	Code
0.03	0.0005	±0.0005	0-15-0	2383-35A	816372

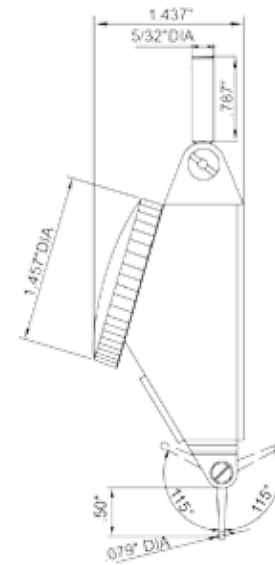
Long Range Dial Test Indicator



NIST
CERTIFICATION



Supplied with two clamps

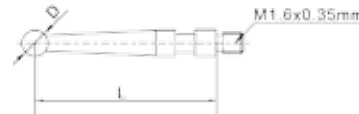


- Jeweled bearing
- Carbide contact point
- Two measuring directions
- Anti-magnetic body
- Supplied with two clamps: 5/32" and 3/8" diameters
- Supplied in fitted storage case

OPTIONAL ACCESSORY: Stylus

Range (Inch)	Graduation (Inch)	Accuracy (Inch)	Dial Reading	INSIZE No.	Code
0.06	0.0005	±0.0008	0-15-0	2386-006A	816174

Styli for Dial Test Indicators



For use with Dial Test Indicators	Contact Point Material	L (Inch)	ØD (Inch)	INSIZE No.	Code
INSIZE No. 2380-31, 2380-35, 2381-31, and 2381-35	Steel	0.5	0.039	6284-9	876268
INSIZE No. 2380-31, 2380-35, 2381-31, and 2381-35	Carbide	0.5	0.079	6284-10	285265
INSIZE No. 2380-31, 2380-35, 2381-31, and 2381-35	Ruby	0.5	0.079	6284-11	816409
INSIZE No. 2380-31, 2380-35, 2381-31, and 2381-35	Carbide	0.5	0.118	6284-12	816410
INSIZE No. 2380-301	Steel	0.563	0.039	6284-13	816411
INSIZE No. 2380-301	Carbide	0.563	0.079	6284-14	816412
INSIZE No. 2380-301	Ruby	0.563	0.079	6284-15	816413
INSIZE No. 2380-301	Carbide	0.563	0.118	6284-16	816414
INSIZE No. 2383-35A	Steel	1.02	0.039	6284-17	816373
INSIZE No. 2383-35A	Carbide	1.02	0.079	6284-18	816374
INSIZE No. 2383-35A	Ruby	1.02	0.079	6284-19	816375
INSIZE No. 2383-35A	Carbide	1.02	0.118	6284-20	816376
INSIZE No. 2386-006A	Steel	0.5	0.039	6284-65	816377
INSIZE No. 2386-006A	Carbide	0.5	0.079	6284-66	816378
INSIZE No. 2386-006A	Ruby	0.5	0.079	6284-67	816379
INSIZE No. 2386-006A	Carbide	0.5	0.118	6284-68	816380
INSIZE No. 2380-02 and 2381-02	Carbide	12.5 mm	2 mm	6284-22	282870

Dial Test Indicator Holders

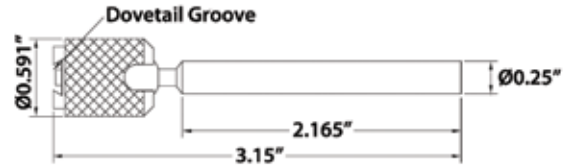
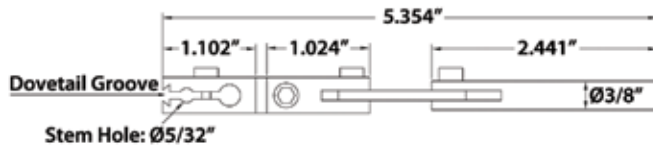


Universal



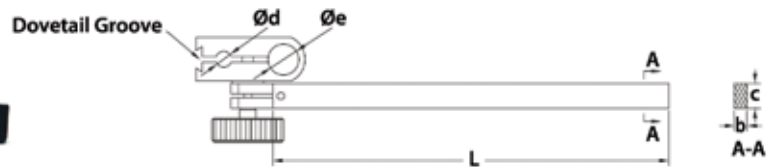
- Supplied with wrench

- Set the indicator at a desired position



INSIZE No.	Code
6296-2	877030

INSIZE No.	Code
6293-5	282880

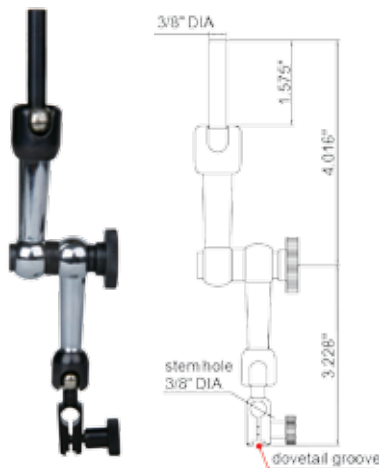


L Stem Length (Inch)	b (Inch)	c (Inch)	Ød Stem Hole (Inch)	Øe Stem Hole (Inch)	INSIZE No.	Code
2	0.354	0.354	5/32	3/8	6293-7	816416

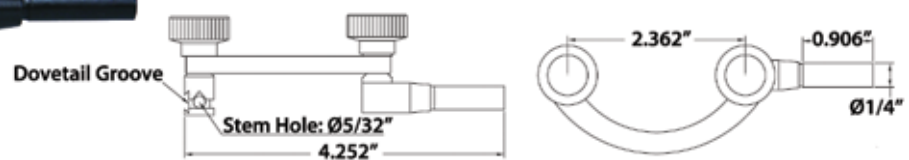
Dial Test Indicator Centering Holders



- Center cylinders or holes on machine tools

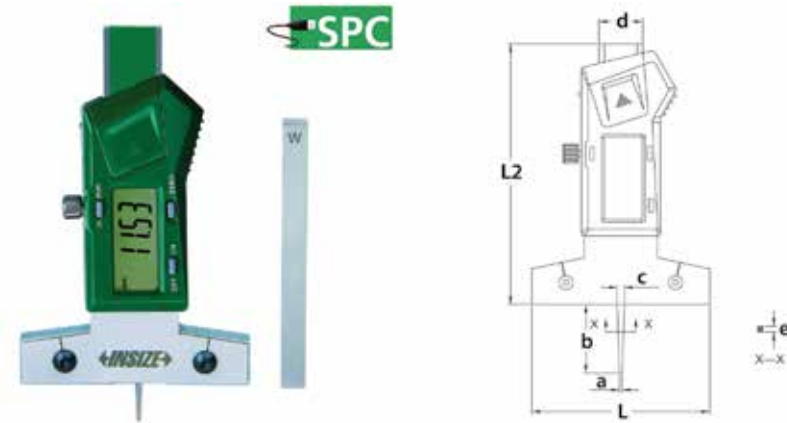


INSIZE No.	Code
6295-1AE	284452



INSIZE No.	Code
6291-2	282875

Electronic Depth Gage

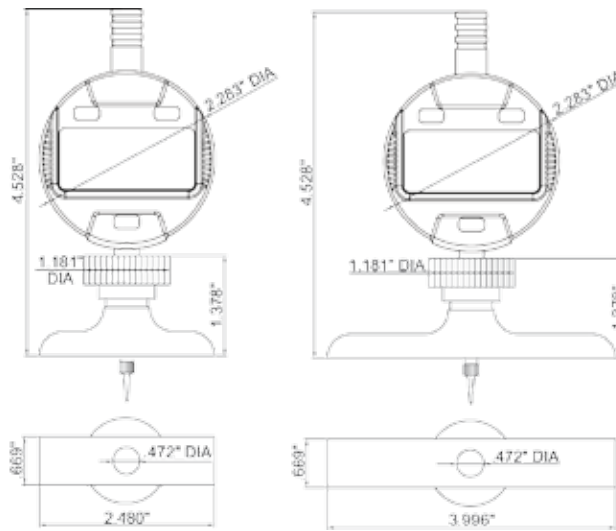


- Measures depth of small grooves, holes, and tire treads
- Resolution: 0.0005"/0.01mm
- Buttons: on/off, zero, inch/mm
- Supplied with zero set surface
- Auto power off, move unit to turn on
- Battery CR2032
- Data output
- Stainless steel construction
- Supplied in fitted storage case

OPTIONAL ACCESSORY: SPC cable

Range (Inch/mm)	Accuracy (Inch)	L (Inch)	L2 (Inch)	a (Inch)	b (Inch)	c (Inch)	d (Inch)	e (Inch)	INSIZE No.	Code
0-1/0-25	±0.0012	2.559	3.543	0.039	0.984	0.118	0.630	0.079	1145-25A	284550

Electronic Depth Gage With Extension Rods

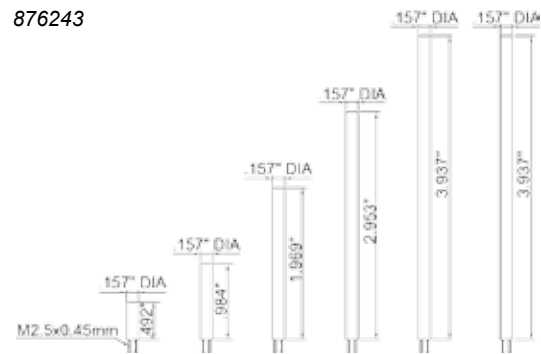


876242

876243

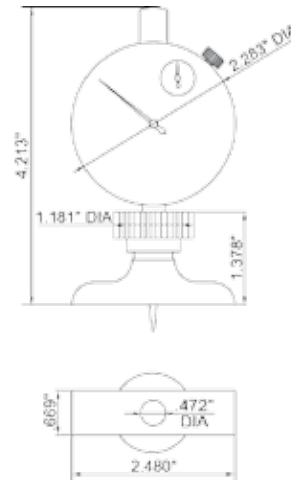
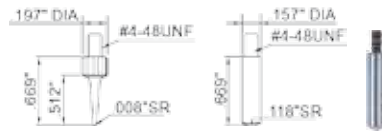


- Indicator resolution: 0.0005"/0.01mm
- Indicator stroke: 0.5"/12.7mm
- Button function: on/off, zero, inch/mm, ABS, data preset, change measuring direction
- Auto power off
- Battery CR2032
- Data output
- Stainless steel base
- Extension rods: 1" (1pc.), 2" (1pc.) 3" (1pc.), 4" (2pcs.)
- Supplied with pointed tip and ball tip
- Supplied in fitted storage case



Range (Inch/mm)	Accuracy (Inch)	L (Inch)	a (Inch)	Øb (Inch)	c (Inch)	d (Inch)	Øe (Inch)	INSIZE No.	Code
0-12/0-300	±0.0008	4.528	1.378	1.181	2.480	0.669	0.472	2141-201A	876242
0-12/0-300	±0.0008	4.528	1.378	1.181	3.996	0.669	0.472	2141-202A	876243

Dial Depth Gage

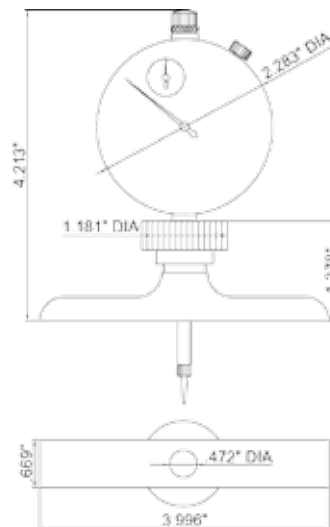
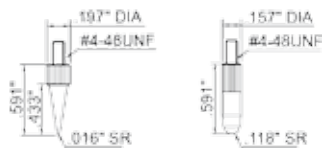
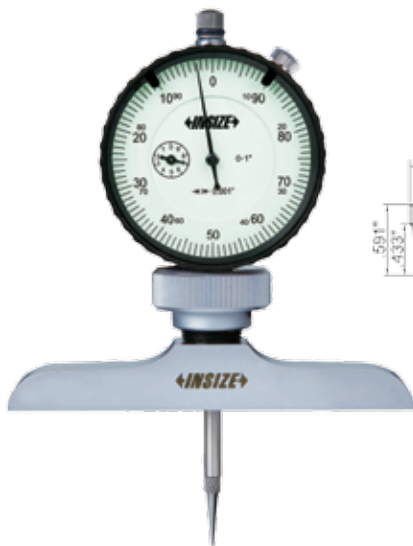


- Indicator graduation: 0.001"
- Indicator stroke: 0.5"
- Indicator range: 0-1.2"
- Stainless steel base
- Supplied with pointed tip and ball tip
- Supplied in fitted storage case

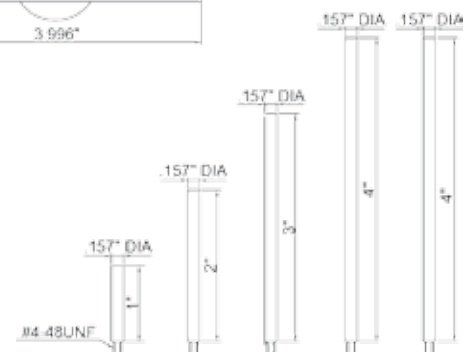
Range (Inch)	Accuracy (Inch)	Base (Inch)	INSIZE No.	Code
0-1.2	±0.002	2.480 x 0.669	2341-E1	283207

Dial Depth Gage

With Extension Rods



- Indicator graduation: 0.001"
- Indicator stroke: 1"
- Indicator range: 0-12"
- Stainless steel base
- Extension rods: 1" (1pc.), 2" (1pc.)
3" (1pc.), 4" (2pcs.)
- Supplied with pointed tip and ball tip
- Supplied in fitted storage case



Range (Inch)	Accuracy (Inch)	L (Inch)	a (Inch)	Øb (Inch)	Øc (Inch)	d (Inch)	Øe (Inch)	f (Inch)	INSIZE No.	Code
0-12	±0.002	4.213	1.378	1.181	2.283	0.669	0.472	3.996	2341-2E2	876241