

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

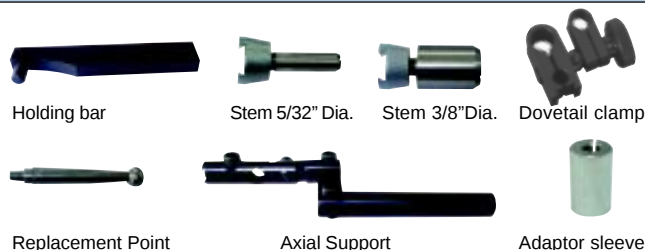
Zero Set Universal Attachment

- 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

Indicator Accessories

Special function Dial Indicator Points

- Cold rolled steel, heat treated and plated.
- AGD #4-48 standard threads.



Description	Order No.
Radius	605-0007
Offset Chisel Point	605-0008
5/16" Diameter Cone	605-0009
1/16" Needle Stud	605-0010
Roller Anvil	605-0011

Dial Indicator Contact Points

- Standard AGD #4-48 thread fits all standard English dial indicators.
- Cold rolled steel, heat treated and plated.



Dia.	Length	Type	Order No.
1/4"		Flat	605-0027
1/2"		Bottom	605-0028
3/16"	1"	Tapered	605-0029

Individual Indicator Point

Fits all AGD Group 1,2,3,4 indicator with 4-48 threads.



Code	Type	Length	Order No.
A	Flat	0.175"	605-0101

Gem Indicator Accessory Body Clamp Assembly



Order No. 605-0110

Indicator Holder

- Universal Dovetail Indicator Holder
- 1/4"Dial.x3"OAL



Order No. 605-0040

Rectangular Holder

- 1/4"x1 1/2" Shank for dovetail and 5/32" Stem Indicators.



Order No. 605-0041

Arm For Indicator



Order No. 605-0109

Half Round Combination Holder

- With two point adjustment 1/4" diameter shank
- Suitable for dovetail and 5/32" stem indicator



Order No.605-0043

22 Piece Indicator Point Sets

- Turns your indicator into 22 different tools
- Fits all brand dial indicator.



Specifications	Order No.
Thread: 0.112"-48	605-0022
Thread: M3-0.5	605-0023

Replacement Tip for Test Indicator

High Quality



Steel Tips	Order No.
.040x1/2"	605-0025

CMM Styli

M2 Threads,Stainless Steel Body,
With Grade 10 Ruby Ball



Ball Size	Length	Order No.
1mm Ruby	10mm	605-0024

Square Holder



Range	Order No.
Holding Bar, Inch dovetail fit and 7/32" & 3/8" holes	621-H006
Holding Bar, Metric dovetail fit and 4 & 8mm holes	621-H016
Square Holding Bar 9x9mmx100mm	605-0017

AGD Dial Indicator Contact Points for Indicator with #4-48 Thread

Tungsten Carbide Ball Tip

- Perfect for use in any repetitive measuring application.
- Extremely smooth and hard.
- Will last much longer than standard steel tips.



Ruby Ball Tip

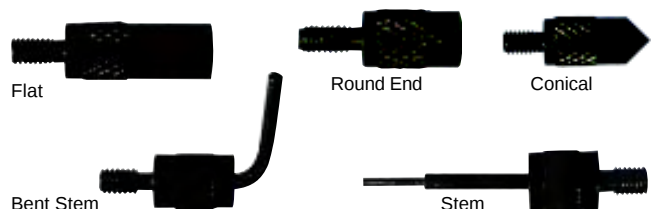
- Use for all measuring applications.
- Hardness offers resistance to wear and chemical and thermal stability.
- Extremely low friction coefficient, negligible thermal expansion.



Tip Length	Ball Size	Thread	Ball Type	Order No.
1/4"	3mm	#4-48	Carbide	605-0020
1/2"	3mm	#4-48	Ruby	605-0021

Individual Dial Indicator Points

- Fit standard AGD indicators, #4-48 threads.
- Made of highest quality cold rolled steel, carefully knurled for ease of placement and finished with a high quality protective finish.



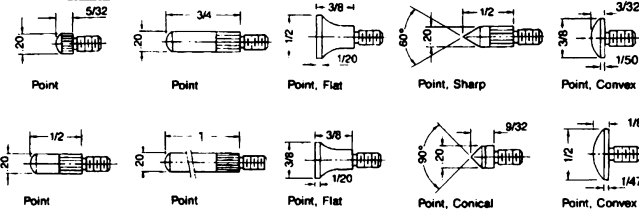
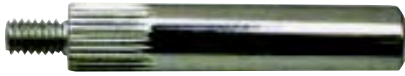
Description	Length	Order No.
Flat	0.625"	605-0012
Round End	0.359	605-0013
Conical	0.500	605-0014
Stem(Bent)	0.312	605-0015
Stem*	1.025	605-0016

*Measuring tip = .250"

Indicator Accessories

Dial Indicator Contact points

605-0063



Description	Length	Dia.	Order No.
Point, Length	5/32"	.20"	605-0056
Point, Length	1/2"	.20"	605-0057
Point, Length	3/4"	.20"	605-0058
Point, Length	1"	.20"	605-0059
Point, Flat	3/8"	1/2"	605-0060
Point, Flat	3/8"	3/8"	605-0061
Point, Sharp	1/2"	.20"	605-0062
Point, Conical	9/32"	.20"	605-0063
Point, Convex	3/32"	3/8"	605-0064
Point, Convex	1/8"	1/2"	605-0065
10Pcs			605-0066

2 extra points

one 0.078" dia x 1" long,
one needle point x 1" long



Order No. 605-0068

Extra Length Contact Points

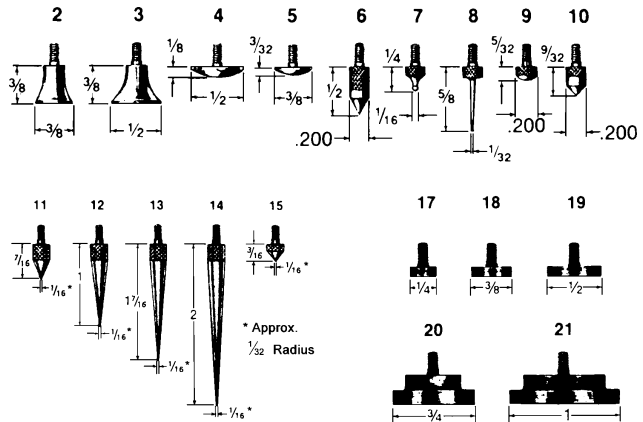
- Used in place of the 1/4" long contact point furnished on dial indicators.
- Standard lengths from 1/2" to 3" in 1/4" increments.
- Diameter 13/64"; #4-48 screw thread.
- Made from high grade steel, hardened, ground and chrome plated.



Length	Rounded End Order No.	Flat End Order No.
1/4"	605-0069	605-0169
1/2"	605-0070	605-0170
3/4"	605-0071	605-0171
1"	605-0072	605-0172
1-1/4"	605-0073	605-0173
1-1/2"	605-0074	605-0174
1-3/4"	605-0075	605-0175
2"	605-0076	605-0176
2-1/4"	605-0077	605-0177
2-1/2"	605-0078	605-0178
2-3/4"	605-0079	605-0179
3"	605-0080	605-0180

Special form Contact Points

Special Contact Points are furnished in fourteen shapes. Knurled diameter is approximately 13/64" (5 mm). All have #4-48 screw thread and can be used on any AGD indicator. Other special shapes are available on special order.



Special Form No.	Dia.	Length	Order No.
2	3/8"	3/8"	605-0081
3	1/2	3/8	605-0082
4	1/2	1/8	605-0083
5	3/8	3/32	605-0084
6	.2	1/2	605-0085
7	1/16	1/4	605-0086
8	1/32	5/8	605-0087
9	.2	5/32	605-0088
10	.2	9/32	605-0089
11	1/16	7/16	605-0090
12	1/16	1	605-0091
13	1/16	1-7/16	605-0092
14	1/16	2	605-0093
15	1/16	3/16	605-0094
17	1/4		605-0095
18	3/8		605-0096
19	1/2		605-0097
20	3/4		605-0098
21	1		605-0099

Swivel Joint Clamp for Test Indicators

Adapting indicators to holding bars, height gage attachments, long and short arm attachment, and jointed attachment, etc.



Hole Dia.	OAL	Order No.
5/16", 1/4"	1-3/4"	605-0042
1/4, 1/4	1-3/4	605-0044
5/16, 5/32	1-3/4	605-0045
3/8, 1/4	1-3/4	605-0046
5/16, 5/16	1-3/4	605-0047
3/8, 5/16	1-3/4	605-0048
3/8, 3/8	1-3/4	605-0049
1/2, 3/8	2-1/16	605-0050