

Dial Indicator

SERIES 2 — Standard Type, 0.01mm Resolution

Series 2 dial indicators are Mitutoyo's most popular, and have the widest application.

FEATURES

- Standard 0.01mm graduation dial gauges having an outer frame with an outside diameter of 57mm. All types come with limit pins and an outer frame clamp as standard.
- The outer clamp and lifting lever (optional) can be attached to either the right or left side. These parts can be easily installed and removed without tools.
- Secured adhesion between the outer frame and crystal as well as the use of an O-ring ensure countermeasures against water and oil permeation via the front face.
- The stem spindle is made of high-strength quench-hardened stainless steel which resists strenuous use.
- A carbide contact point is used.
- The grand gear uses stainless steel that is resistant to wear and deformation.
- Application of a hard coating on the surface of the crystal makes the gauge highly scratch- and chemical-resistant.



2046S



2046S-60



(Refer to the page 9 for details.)



2046S
2046SH
2046S-09
2046S-15
2046S-80
2046SLB



2046SY



2046S-60
2046S-69



2047S



29025



23105-10



2044S
2044S-60
2044S-09



2045S

Optional Accessory

- Backs (See page 266.)
Contact points (See page 264.)



Shockproof type



Waterproof type



Long stem type



Jeweled bearing type

w/ coaxial revolution
counter

Reverse reading type

SPECIFICATIONS

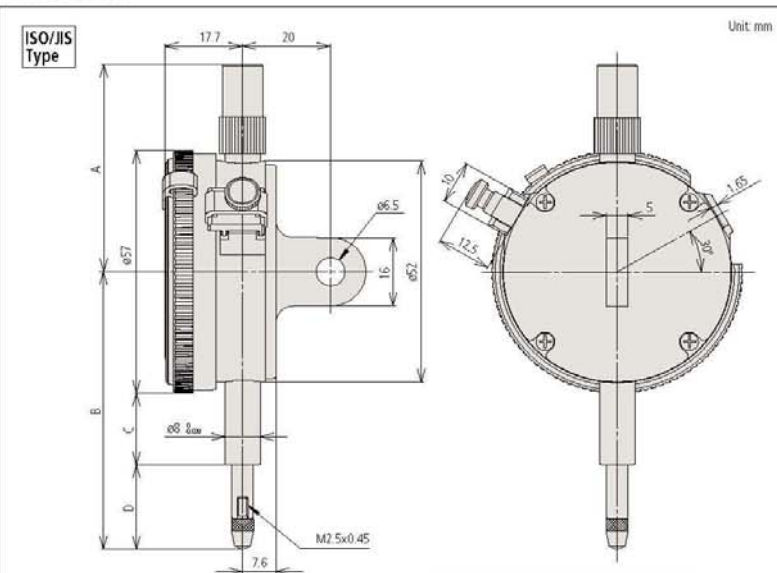
Metric

 ISO/IS type

Graduation	Order No.		Range (range/rev)	Accuracy	Dial reading	Measuring force						
	w/ lug	Flat-back										
0.01mm	2044S	2044SB	5mm (1mm)	±12µm	0-100	1.4N or less	—	—	—	—	—	—
0.01mm	2044S-09	2044SB-09	5mm (1mm)	±13µm	0-100	1.4N or less	✓	—	—	—	—	—
0.01mm	2044S-60	2044SB-60	5mm (1mm)	±12µm	0-100	2.5N or less	—	✓	—	—	—	—
0.01mm	2045S	2045SB	5mm (1mm)	±12µm	0-50-0	1.4N or less	—	—	—	—	—	—
0.01mm	2046S	2046SB	10mm (1mm)	±13µm	0-100	1.4N or less	—	—	—	—	—	—
0.01mm	2046SY	2046SYB	10mm (1mm)	±13µm	0-100	1.4N or less	—	—	—	—	—	—
0.01mm	2046SH	2046SHB	10mm (1mm)	±8µm	0-100	1.4N or less	—	—	—	—	—	—
0.01mm	—	2046SLB	10mm (1mm)	±13µm	0-100	1.4N or less	—	—	✓	—	—	—
0.01mm	2046S-09	2046SB-09	10mm (1mm)	±15µm	0-100	1.4N or less	✓	—	—	—	—	—
0.01mm	2046S-60	2046SB-60	10mm (1mm)	±13µm	0-100	2.5N or less	—	✓	—	—	—	—
0.01mm	2046S-69	2046SB-69	10mm (1mm)	±15µm	0-100	2.5N or less	✓	✓	—	—	—	—
0.01mm	2046S-15	2046SB-15	10mm (1mm)	±13µm	0-100	0.8N or less ^a	—	—	—	✓	—	—
0.01mm	2310S-10	2310SB-10	10mm (1mm)	±15µm	0-100	1.4N or less	—	—	—	✓	✓	—
0.01mm	2902S	2902SB	10mm (1mm)	±13µm	100-0	1.4N or less	—	—	—	—	—	✓
0.01mm	2047S	2047SB	10mm (1mm)	±13µm	0-50-0	1.4N or less	—	—	—	—	—	—

*Use in a vertical position only (contact point downward)

DIMENSION



Note 1: Dimensions of the inch (ANSI/AGD Type) dial indicator partly differ from those of the metric (ISO/IS Type) indicator.
Note 2: Inch (ANSI/AGD Type) dial indicator is provided with a stem of 3/8" dia. and #48UNF thread mount for the contact point.

Order No	A	B	C	D
20445	48.8	65.2	16.9	19.8
20445-09	48.8	65.2	16.9	19.8
20445-60	48.8	70	12.3	29.2
20455	48.8	65.2	16.9	19.8
20465	48.8	65.2	16.9	19.8
20465H	48.8	65.2	16.9	19.8
20465LB	48.8	85.2	36.9	19.8
20465-09	48.8	65.2	16.9	19.8
20465-60	48.8	70	12.3	29.2
20465-69	48.8	70	12.3	29.2
20465-15	48.8	65.2	16.9	19.8
23105-10	48.8	65.2	16.9	19.8
29025	48.8	65.2	16.9	19.8
20475	48.8	65.2	16.9	19.8

Dial Indicator SERIES 2 — Long Stroke Type



2050S



2052S



2330S-10



(Refer to the page 9 for details.)



2050S-60
2050S
2050S-19



2052S
2052S-19



2330S-10



2320S-10



2952S



Shockproof type



Waterproof type



w/ damper at lowest rest point



Jeweled bearing type



w/ coaxial revolution counter



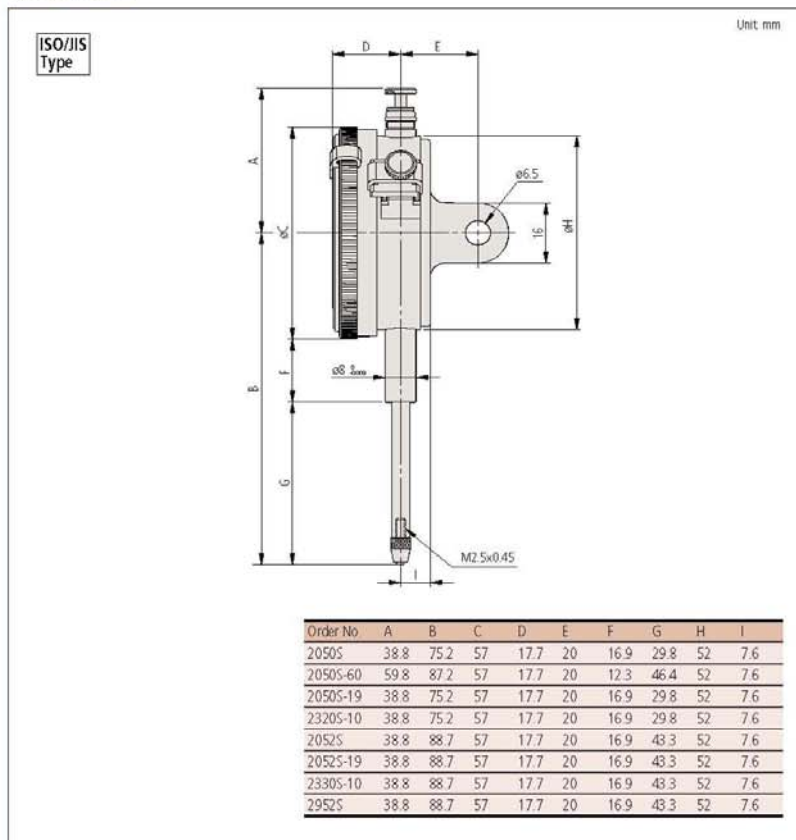
Reverse reading type

SPECIFICATIONS

Metric				Range (range/rev)	Accuracy	Dial reading	Measuring force	ISO/JIS type					
Graduation	Order No.	w/ lug	Flat-back										
0.01mm	2050S		2050SB	20mm (1mm)	±20µm	0-100	2.0N or less	—	—	—	—	—	—
0.01mm	2050S-60		2050SB-60	20mm (1mm)	±20µm	0-100	2.5N or less	—	—	—	—	—	—
0.01mm	2050S-19		2050SB-19	20mm (1mm)	±20µm	0-100	2.0N or less	—	—	—	—	—	—
0.01mm	2320S-10		2320SB-10	20mm (1mm)	±20µm	0-100	2.0N or less	—	—	—	—	—	—
0.01mm	2052S		2052SB	30mm (1mm)	±25µm	0-100	2.5N or less	—	—	—	—	—	—
0.01mm	2052S-19		2052SB-19	30mm (1mm)	±25µm	0-100	2.5N or less	—	—	—	—	—	—
0.01mm	2330S-10		2330SB-10	30mm (1mm)	±25µm	0-100	2.5N or less	—	—	—	—	—	—
0.01mm	2952S		2952SB	30mm (1mm)	±25µm	100-0	2.5N or less	—	—	—	—	—	—

Inch				Range (range/rev)	Accuracy	Dial reading	Measuring force	ANSI/ASD type					
Graduation	Order No.	w/ lug	Flat-back										
.01"	2204S		2204SB	1" (1")	±.005"	0-1000	1.8N or less	—	—	—	—	—	—
.001"	2416S		2416SB	1" (1")	±.001"	0-100	1.8N or less	—	—	—	—	—	—
.001"	2416S-06		2416SB-06	1" (1")	±.001"	0-100	1.8N or less	—	—	—	—	—	—
.001"	2416S-10		2416SB-10	1" (1")	±.001"	0-100	1.8N or less	—	—	—	—	—	—
.001"	2416S-60		2416SB-60	1" (1")	±.001"	0-100	2.5N or less	—	—	—	—	—	—
.001"	2417S		2417SB	1" (1")	±.001"	0-50-0	1.8N or less	—	—	—	—	—	—
.001"	2424S-19		2424SB-19	2" (1")	±.003"	0-100	2.5N or less	—	—	—	—	—	—
.0005"	2776S		2776SB	1" (.05")	±.002"	0-50	1.8N or less	—	—	—	—	—	—
.0005"	2776S-60		2776SB-60	1" (.05")	±.002"	0-50	2.5N or less	—	—	—	—	—	—
.001"	2904S		2904SB	1" (1")	±.002"	100-0	2.0N or less	—	—	—	—	—	—

DIMENSION



Dial Indicator

SERIES 2 — Standard Type, 0.001mm Resolution

FEATURES

- Standard 0.01mm graduation dial gauges having an outer frame with an outside diameter of $\varnothing 57\text{mm}$. All types come with limit pins and an outer frame clamp.
- The outer clamp and lifting lever (optional) can be attached to either the right or left side. These parts can be easily installed and removed without tools.
- Secured adhesion between the outer frame and crystal as well as the use of an O-ring ensure countermeasures against water and oil permeation via the front face.
- The stem spindle is made of high-strength quench-hardened stainless steel which resists strenuous use.
- A carbide contact point is used.
- The grand gear uses stainless steel that is resistant to wear and deformation.
- Application of a hard coating on the surface of the crystal makes the gauge highly scratch- and chemical-resistant.
- A special alloy is used for the sector gears to provide improved wear resistance.
- The bearing part uses jeweled bearings, providing excellent indication sensitivity and durability.



2109S-10



2110S-10



2119S-10



(Refer to the page 9 for details.)



2109S-10
2109SH-10
2109S-70
2109SLB-10



2110S-10
2110S-70



2113S-10



Shockproof type



Waterproof type



Long stem type



Jeweled bearing type



Double scale spacing type

SPECIFICATIONS

Metric		ISO/JIS type									
Graduation	Order No.	Range (range/rev)	Accuracy	Dial reading	Measuring force	Shockproof type	Waterproof type	Long stem type	Jeweled bearing type	Double scale spacing type	ISO/JIS type
0.005mm	2124S-10	5mm (0.5mm)	$\pm 12\mu\text{m}$	0-50	1.5N or less	—	—	—	—	—	—
0.001mm	2110S-10	1mm (0.1mm)	$\pm 5\mu\text{m}$	0-100	1.5N or less	—	—	—	—	—	—
0.001mm	2110S-70	1mm (0.1mm)	$\pm 5\mu\text{m}$	0-100	2.0N or less	—	—	—	—	—	—
0.001mm	2109S-10	1mm (0.2mm)	$\pm 5\mu\text{m}$	0-100-0	1.5N or less	—	—	—	—	—	—
0.001mm	2109SH-10	1mm (0.2mm)	$\pm 3\mu\text{m}$	0-100-0	1.5N or less	—	—	—	—	—	—
0.001mm	2109SLB-10	1mm (0.2mm)	$\pm 5\mu\text{m}$	0-100-0	1.5N or less	—	—	—	—	—	—
0.001mm	2109S-70	1mm (0.2mm)	$\pm 5\mu\text{m}$	0-100-0	2.0N or less	—	—	—	—	—	—
0.001mm	2113S-10	2mm (0.2mm)	$\pm 7\mu\text{m}$	0-100-0	1.5N or less	—	—	—	—	—	—
0.001mm	2118S-10	5mm (0.2mm)	$\pm 10\mu\text{m}$	0-100-100	1.5N or less	—	—	—	—	—	—
0.001mm	2119S-10	5mm (0.2mm)	$\pm 10\mu\text{m}$	0-100-0	1.5N or less	—	—	—	—	—	—



2118S-10



2119S-10

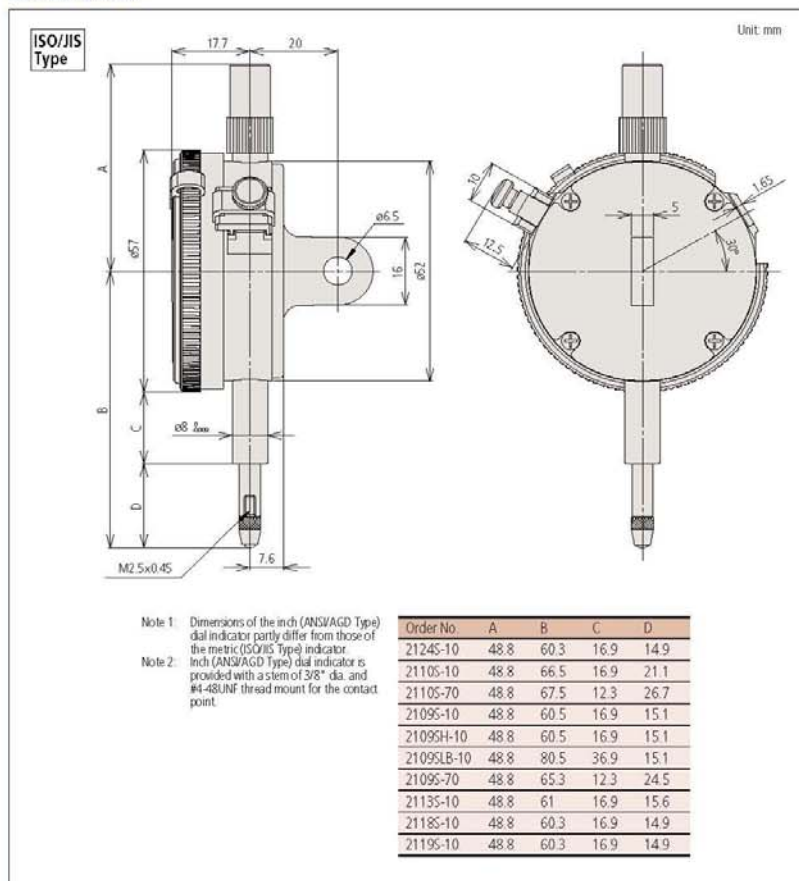


2124S-10

Optional Accessory

- Backs (See page 266.)
- Contact points (See page 264.)

DIMENSION



Dial Indicator

SERIES 2 — Standard Type, Inch Reading

SPECIFICATIONS

Inch			ANGWAGT type									
Graduation	Order No.		Range (range/rev)	Accuracy	Dial reading	Measuring force					—	—
	w/ lug	Flat-back										
001"	2780S	2780SB	125" (05")	± 001"	0-50	1.8N or less	—	—	—	—	—	—
001"	2781S	2781SB	125" (05")	± 001"	0-25-0	1.8N or less	—	—	—	—	—	—
001"	2410S	2410SB	25" (1")	± 001"	0-100	1.8N or less	—	—	—	—	—	—
001"	2410S-10	2410SB-10	25" (1")	± 001"	0-100	1.8N or less	—	—	—	✓	—	—
001"	2410S-60	2410SB-60	25" (1")	± 001"	0-100	2.5N or less	—	✓	—	—	—	—
001"	2411S	2411SB	25" (1")	± 001"	0-50-0	1.8N or less	—	—	—	—	—	—
001"	2411S-10	2411SB-10	25" (1")	± 001"	0-50-0	1.8N or less	—	—	—	✓	—	—
001"	2414S	2414SB	5" (1")	± 001"	0-100	1.8N or less	—	—	—	—	—	—
001"	2414S-10	2414SB-10	5" (1")	± 001"	0-100	1.8N or less	—	—	—	✓	—	—
001"	2414S-60	2414SB-60	5" (1")	± 001"	0-100	2.5N or less	—	✓	—	—	—	—
001"	2415S	2415SB	5" (1")	± 001"	0-50-0	1.8N or less	—	—	—	—	—	—
001"	2415S-10	2415SB-10	5" (1")	± 001"	0-50-0	1.8N or less	—	—	—	✓	—	—
001"	2415S-60	2415SB-60	5" (1")	± 001"	0-50-0	2.5N or less	—	✓	—	—	—	—
001"	2914S	2914SB	5" (1")	± 001"	100-0	1.8N or less	—	—	✓	—	—	—
0005"	2506S	2506SB	125" (05")	± 0005"	0-50	1.8N or less	—	—	—	—	—	—
0005"	2507S	2507SB	125" (05")	± 0005"	0-25-0	1.8N or less	—	—	—	—	—	—
0005"	2514S	2514SB	5" (05")	± 0015"	0-50	1.8N or less	—	—	—	—	—	—
0005"	2514S-60	2514SB-60	5" (05")	± 0015"	0-50	2.5N or less	—	✓	—	—	—	—
0005"	2570S-10	2570SB-10	075" (03")	± 0005"	0-30	1.8N or less	—	—	—	✓	—	—
0005"	2571S-10	2571SB-10	075" (03")	± 0005"	0-15-0	1.8N or less	—	—	—	✓	—	—
0005"	2576S-70	2576SB-70	3" (03")	± 001"	0-30	2.5N or less	—	✓	—	✓	—	—
0005"	2670S	2670SB	1" (04")	± 0005"	0-40	1.8N or less	—	—	—	—	—	—
0005"	2671S	2671SB	1" (04")	± 0005"	0-20-0	1.8N or less	—	—	—	—	—	—
0005"	2675S	2675SB	4" (04")	± 0015"	0-20-0	1.8N or less	—	—	—	—	—	—
0005"	2922S	2922SB	125" (05")	± 0005"	0-25-0	1.8N or less	—	—	—	—	—	—
00025"	2470S-10	2470SB-10	05" (02")	± 00025"	0-20	1.8N or less	—	—	—	✓	—	—
00025"	2471S-10	2471SB-10	05" (02")	± 0005"	0-10-0	1.8N or less	—	—	—	✓	—	—
00025"	2476S-70	2476SB-70	2" (02")	± 0005"	0-20	2.5N or less	—	✓	—	✓	—	—
0001"	2356S-10	2356SB-10	25" (01")	± 0008"	0-10	2.0N or less	—	—	—	✓	—	—
0001"	2358S-10	2358SB-10	5" (01")	± 0002"	0-10	2.0N or less	—	—	—	✓	—	—
0001"	2802S-10	2802SB-10	025" (01")	± 0001"	0-10	2.0N or less	✓	—	—	✓	—	—
0001"	2802S-70	2802SB-70	025" (01")	± 0001"	0-10	2.5N or less	✓	✓	—	✓	—	—
0001"	2803S-10	2803SB-10	025" (01")	± 0001"	0-5-0	2.0N or less	✓	—	—	✓	—	—
0001"	2803S-70	2803SB-70	025" (01")	± 0001"	0-5-0	2.5N or less	✓	✓	—	✓	—	—
0001"	2804S-10	2804SB-10	05" (01")	± 0002"	0-10	2.0N or less	✓	—	—	✓	—	—
0001"	2805S-10	2805SB-10	05" (01")	± 0002"	0-5-0	2.0N or less	✓	—	—	✓	—	—
0001"	2806S-10	2806SB-10	1" (01")	± 0003"	0-10	2.0N or less	✓	—	—	✓	—	—
0001"	2806S-70	2806SB-70	1" (01")	± 0003"	0-10	2.5N or less	✓	✓	—	✓	—	—
0001"	2905S-10	2905SB-10	05" (01")	± 0002"	10-0	2.0N or less	✓	—	✓	✓	—	—
0001"	2923S-10	2923SB-10	05" (01")	± 0002"	0-5-0	2.0N or less	✓	—	—	✓	—	—
0001"	2937S-10	2937SB-10	02" (008")	± 0001"	0-4-0	2.0N or less	✓	—	—	✓	—	—
0001"	2938S-10	2938SB-10	02" (008")	± 0001"	0-8	2.0N or less	✓	—	—	✓	—	—



(Refer to the page 9 for details.)

Optional Accessory

- Backs (See page 266.)
- Contact points (See page 264.)



Shockproof type



Waterproof type



Reverse reading type



labeled bearing type

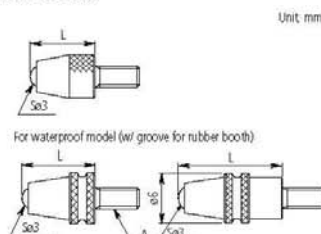


Contact Point

Optional Accessory for Digimatic and Dial Indicators and Linear Gages

SPECIFICATIONS

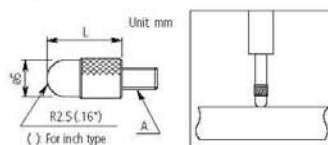
Ball Points



L	Material	Order No.	A
7.3	Carbide	901312	M2 5x0.45
6.35		901454	#4-48UNF
7.3	Plastic	901994	M2 5x0.45
6.35		902018	#4-48UNF
7.3	Ruby	120047	M2 5x0.45
8.3	Carbide	21AZA319	M2 5x0.45
8.3*	Carbide	902119	M2 5x0.45
12.1*	Carbide	21AZA320	M2 5x0.45
14	Carbide	21JAA225	M2 5x0.45
15	Carbide	120049	M2 5x0.45
	Ruby	120051	M2 5x0.45
17	Carbide	21JAA224	M2 5x0.45
19.3*	Carbide	21AZA321	M2 5x0.45
20	Carbide	137391	M2 5x0.45
	Ruby	137392	M2 5x0.45
22	Carbide	21JAA226	M2 5x0.45
25	Carbide	120053	M2 5x0.45
	Ruby	120055	M2 5x0.45
30	Carbide	21AAA252	M2 5x0.45
	Ruby	21AAA253	M2 5x0.45

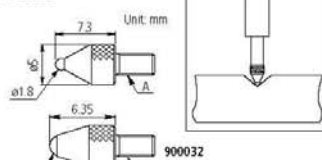
*For waterproof dial indicators

Shell Type Points



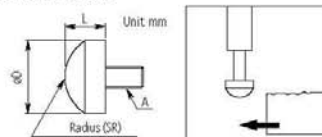
L	Order No.	A
3.97	101184	#4-48UNF
5	101386	M2 5x0.45
10	101118	M2 5x0.45
12.7	101185	#4-48UNF
15	137393	M2 5x0.45
19.05	101186	#4-48UNF
20	101387	M2 5x0.45
25	101388	M2 5x0.45
25.4	101187	#4-48UNF
30	21AAA254	M2 5x0.45

Ball Point



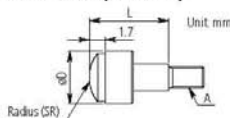
SeD	ød	Order No.	A
1mm, carbide	5mm	21AAA349	M2 5x0.45
1.5mm, carbide	5mm	21AAA350	M2 5x0.45
1.8mm, steel	5mm	101122	M2 5x0.45
2.5mm, carbide	5mm	21AAA351	M2 5x0.45
4mm, carbide	5mm	21AAA352	M2 5x0.45
4mm, carbide	5mm	900032	#4-48UNF

Spherical Points



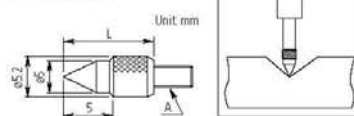
D	L	SR	Order No.	A
10	5	7	101119	M2 5x0.45
12.7	3.18	7	101205	#4-48UNF
9.53	2.38	9	101204	#4-48UNF

Spherical Points (Carbide)

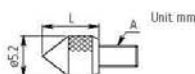


D	L	SR	Order No.	A
5.2	5	5	120058	M2 5x0.45
7.5	10	7	120059	M2 5x0.45
10.5	10	10	120060	M2 5x0.45

Conical Points

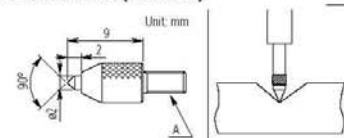


Tip angle	L	Order No.	A
60°	10	101120	M2 5x0.45
60°	12.7	101190	#4-48UNF

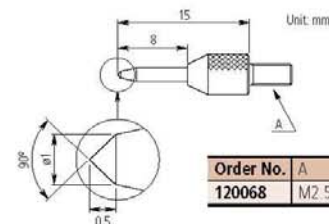


Tip angle	L	Order No.	A
90°	5	101385	M2 5x0.45
90°	7.14	101191	#4-48UNF

Conical Points (Carbide)

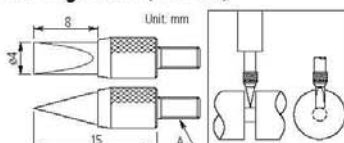


Order No.	A
120057	M2 5x0.45



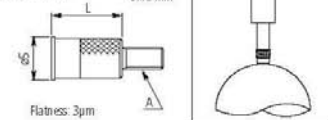
Order No.	A
120068	M2 5x0.45

Knife Edge Point (Carbide)

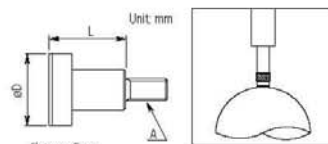


Order No.	A
120067	M2 5x0.45

Flat Points

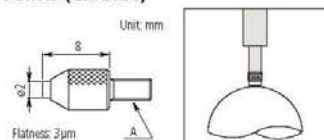


L	Order No.	A
8	131365	M2 5x0.45
10	21AAA340	M2 5x0.45
8	133017	#4-48UNF

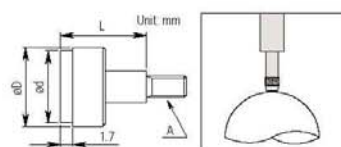


D	L	Order No.	A
10	10	101117	M2 5x0.45
15	10	21AAA341	M2 5x0.45
20	10	21AAA342	M2 5x0.45
25	10	21AAA343	M2 5x0.45
20	10	21AAA344	M2 5x0.45
12.7	9.53	101188	#4-48UNF
9.53	9.53	101189	#4-48UNF

Flat Points (Carbide)

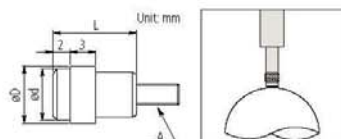


Order No.	A
120056	M2.5x0.45



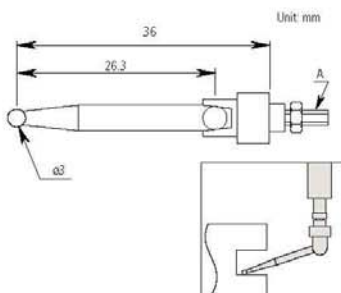
D	d	L	Order No.	A
5.2	4.3*	5	120041	M2.5x0.45
7	6.5*	10	120042	M2.5x0.45
10.5	9.5*	10	120043	M2.5x0.45
17	15**	10	21AAA345	M2.5x0.45
22	20**	10	21AAA346	M2.5x0.45
27	25**	10	21AAA347	M2.5x0.45
32	30**	10	21AAA348	M2.5x0.45

Flatness: *3µm, **5µm



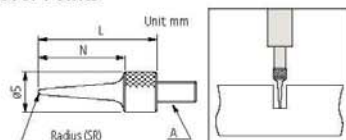
D	d	L	Order No.	A
7	6.4	10	137255	M2.5x0.45
9	8	10	137399	M2.5x0.45

Lever Points



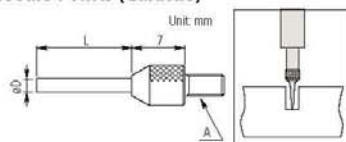
Order No.	A
900391	M2.5x0.45
900393	#4-48UNF

Lever Points



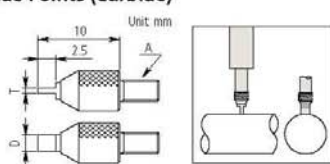
N	L	SR	Order No.	A
11	15	0.4	101121	M2.5x0.45
13	17	0.2	137413	M2.5x0.45
21	25	0.4	21AAA255	M2.5x0.45
31	35	0.4	21AAA256	M2.5x0.45

Needle Points (Carbide)



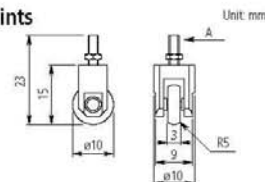
D	L	Order No.	A
0.45	3	120066	M2.5x0.45
0.45	5	21AAA329	M2.5x0.45
1	3	120065	M2.5x0.45
1	5	21AAA330	M2.5x0.45
1	8	21AAA331	M2.5x0.45
1	10	21AAA332	M2.5x0.45
1	20	21AAA333	M2.5x0.45
1	40	21AAA334	M2.5x0.45
1.5	5	21AAA335	M2.5x0.45
1.5	10	21AAA336	M2.5x0.45
1.5	13	120064	M2.5x0.45
1.5	20	21AAA337	M2.5x0.45
1.5	40	21AAA338	M2.5x0.45
2	8	137257	M2.5x0.45
2	18	21AAA257	M2.5x0.45
2	28	21AAA258	M2.5x0.45
2	40	21AAA339	M2.5x0.45

Blade Points (Carbide)



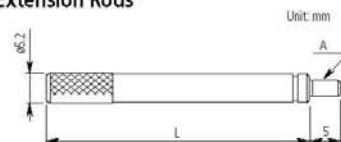
T	W	Order No.	A
0.4	2	120061	M2.5x0.45
0.6	2	120062	M2.5x0.45
1	4	120063	M2.5x0.45

Roller Points



Order No.	A
901954	M2.5x0.45
901991	#4-48UNF

Extension Rods



L	Order No.	A
10	303611	M2.5x0.45
15	21AAA259A	M2.5x0.45
20	303612	M2.5x0.45
25	21AAA259B	M2.5x0.45
30	303613	M2.5x0.45
35	21AAA259C	M2.5x0.45
40	21AAA259D	M2.5x0.45
45	21AAA259E	M2.5x0.45
50	21AAA259F	M2.5x0.45
55	21AAA259G	M2.5x0.45
60	304146	M2.5x0.45
65	21AAA259H	M2.5x0.45
70	21AAA259J	M2.5x0.45
75	21AAA259L	M2.5x0.45
80	21AAA259M	M2.5x0.45
90	304147	M2.5x0.45
100	303614	M2.5x0.45
1"	301655	#4-48UNF
2"	301657	#4-48UNF
4"	301659	#4-48UNF

Interchangeable Contact Point Set (M2.5x0.45)

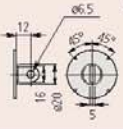
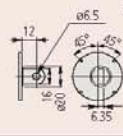
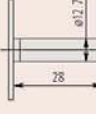
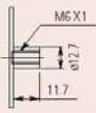
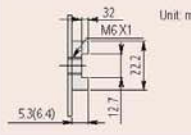
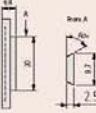
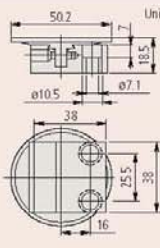


Order No.	Components
7822	Flat Point (131365, ø5mm)
	Flat Point (101117, ø10mm)
	Needle Point (101121)
	Spherical Point (101119)
	Shell Type Point (101118)
	Shell Type Point (101387)

Back

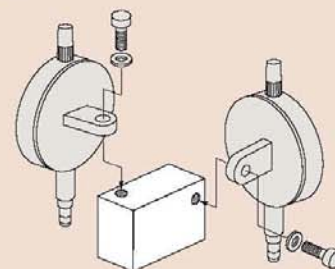
Optional Accessory for Digimatic and Dial Indicators

SPECIFICATIONS

Description		Order No.		
		Series 1 (ø41mm)	Series 2 (ø57mm)	Series 3, 4 (ø77, 91mm)
Flat Back	 Unit: mm	101211 a=2.2 136872 for water-proof type 191559 for 1911, 1913-10 137906 for 1003	101039 a=2.5 21AZB231 for water-proof of S type	100836 a=3.0
Lug-on-Center Back	 Unit: mm	101210 metric type 101307 inch type 190561 for 1911, 1913-10 137905 for 1003	101040 metric type 101306 inch type 21AZB230 for water-proof of S type	100691 metric type 100797 inch type
Magnetic Back	 Unit: mm	Special order	900928	900929
Back with Offset Lug	 Unit: mm	Special order	101167	100837
Back with Post	 Unit: mm	193172 Order-to-made	101169	100839
Back with Screw Mount	 Unit: mm	193173 M6x1, Order-to-made 193174 #1/4-28UNF, Order-to-made	136023 M6x1 193174 #1/4-28UNF	136024 M6x1 100840 #1/4-28UNF
Adjustable Back	 Unit: mm	136025 M6x1 129721 #1/4-28UNF	136026 M6x1 101168 #1/4-28UNF	136027 M6x1 100838 #1/4-28UNF
Back with Dovetail	 Unit: mm	—	900008	Special order
Back with Adjustable Bracket	 Unit: mm	—	901963	—

There are two ways to support Digimatic and dial indicators; by either holding the stem or the lug on the back of the indicator. The back of the indicator may need to be replaced for special applications. A wide variety of backs are available for Mitutoyo Digimatic and dial indicators.

Application



Spindle Lifting Lever and Cable

Optional Accessory for Digimatic and Dial Indicators

Spindle Lifting Lever

- The Spindle Lifting Lever is attached to the top end of the spindle for improved inspection efficiency when using a dial indicator mounted on a stand.

902100

Use for S type Series 1 and F type Series 2 (up to 10mm/.4" range) dial indicators.



21AZB149

Use for S type Series 2, 3, and 4 dial indicators (up to 10mm/.4").



21AZB150

Use for S type Series 2 and 3 dial indicators (from 10mm/.4" up to 20mm/.8").



Spindle Lifting Cable

901975: with auto-stop function

540774: without auto-stop function

Lifting range: 10mm

Cable length: 300mm



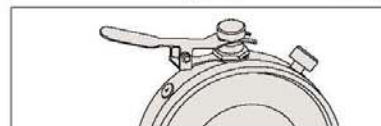
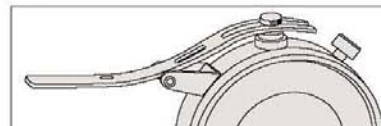
Spindle Lifting Knob

137693

Applicable spindle diameter: 4.8mm



Application



21BZA205

Use for F type Series 1 dial indicators.



900527: Lever
101171: Screw

902011

Use for F type Series 2 dial indicators (up to 10mm/.4" range).



903424

Use for F type Series 2 dial indicators (up to 20mm/.8" range) and Series 3 and 4 dial indicators (up to 10mm/.4" range).



903307: Lever
192686: Screw

Application

