

## Precision Dial Indicators 810 DIN style



### Features

#### Dial Indicator 810 A

Standard version

- High precision gears and pinions
- Lifter protection cap on the upper end of the measuring spindle
- Adjustable tolerance markers
- Chrome-plated housing

#### Dial Indicator 810 AT

for depth measurement

- Design features identical to 810 A, with the following exception:
- Scale of the dial face is counter-clockwise

#### Dial Indicator 810 S

Shockproof

- High precision gears and pinions
- Lifter protection cap on the upper end of the measuring spindle
- Adjustable tolerance markers
- Chrome-plated housing

#### Dial Indicator 810 SW

Waterproof and oil proof

- Design features identical to 810 S, with the following exceptions:
- Measuring spindle sealed with rubber sleeve, thus preventing contamination by liquids and impurities
  - Hermetically sealed protective measuring spindle cap

All indicators are delivered in plastic case

### Technical Data

	Range	Readings	Dial face dia.	Overtravel	Mounting shank dia.	Measuring force	Accuracy	Order no.
	mm	mm	mm	mm	mm	N	DIN 878	
<b>810 A</b>	10	0.01	50	0.1	8h6	0.7 - 1.3	●	<b>4311050</b>
<b>810 AT</b>	10	0.01	50	0.1	8h6	0.7 - 1.3	●	<b>4311060</b>
<b>810 S</b>	10	0.01	50	0.1	8h6	0.7 - 1.3	●	<b>4311000</b>
<b>810 SW</b>	10	0.01	50	0.1	8h6	0.7 - 1.6	●	<b>4315000</b>
<b>810 SB</b>	0.8 (±0.4)	0.01	50	9	8h6	0.7 - 1.1	●	<b>4317000</b>
<b>810 SM</b>	1	0.001	50	4	8h6	1.3 - 1.8		<b>4311070</b>
<b>810 SRM</b>	5	0.001	50	0.1	8h6	1.2 - 1.7		<b>4311080</b>
<b>810 AZ</b>	.400"	.0005"	2"	.004"	8h6	0.9 - 1.5		<b>4311900</b>

### Accessories

	Order no.		Order no.
<b>Adapter Bush</b> for adapting mounting shank 8h6 mm to inch bore .375"	940	<b>Mounting Lug</b>	
<b>Splash Guard Cover</b> for bezel dia. 58 mm	955	Bore perpendicular to mounting shank	961 4375010
		Bore parallel to mounting shank	962 4375011

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### Features

#### Dial Indicator 810 SB

with limited measuring range

Design features identical to 810 S, with the following exceptions:

- Limited measuring range (0.8 mm) for error-free readings
- Large overtravel (ca. 9 mm) for easier insertion of test items in measuring devices
- Hermetically sealed protective measuring spindle cap

#### Dial Indicator 810 SM

Shockproof with reading 0.001 mm

- Precise mechanism with a combined gear lever transmission
- High accuracy with a minimum span of error
- Lifter protection cap on the upper end of the measuring spindle
- Adjustable tolerance markers
- Chrome-plated housing

#### Dial Indicator 810 SRM

Shockproof with reading 0.001 mm

- High precision gears and pinions
- Lifter protection cap on the upper end of the measuring spindle
- Adjustable tolerance markers
- Chrome-plated housing

#### Dial Indicator 810 AZ

Inch version

- Design features are identical to 810 A, with the following exception:
- The scope of supply includes an Adapter Bush 940 for adapting mounting shank 8h6 mm to inch bore .375"

### Dimensions according to DIN EN ISO 463

mm	a	b	c	d	e	f	g
<b>810 A/AT</b>	∅ 58	23	7.5	52	112	21	16
<b>810 S</b>	∅ 58	23	7.5	52	111.5	22	15
<b>810 SW</b>	∅ 61	24.15	7.9	52	127.6	22	22.1
<b>810 SB</b>	∅ 58	23	7.5	52	120	22	15
<b>810 SM</b>	∅ 58	25	8.5	52	111.5	22	15
<b>810 SRM</b>	∅ 58	23	7.5	52	111.5	22	15
<b>810 AZ</b>	∅ 58	23	7.5	52	111.5	22	15

