MAGSWITCH Universal Saw Indicator
P/N: 81101304
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magswitch.com

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Summary

The Universal Saw Indicator is used to measure alignment of the table saw blade relative to the table (and the miter slot) to allow fine adjustment of blade parallelism. When adjusting fence spacing relative to the blade, it can also be used to measure very small changes in fence parallelism . Attach it to steel cross fences (which ride in the miter slot) or to ferrous table saw tables. The indicator is attached via an adjustable slot, allowing it to slide to fit a wide variety of miter slot spacings.

Features

- Works with cross fences for easy measurement of table and blade alignment
- Compatible with a wide variety of table saw makes and models
- Allows for micro-adjustment of the table saw fence in any position
- Fast actuation of two magnets with a linked push pin.

WARNING!
Do Not Operate Unless In Contact With Ferrous Target

Specifications

Nominal Maximum Breakaway Force [1]	120 lbs	54 kg
Nominal Maximum Shear [1]	18 lbs	8.1 kg
Net Weight	1.2 lbs	.55 kg
Footprint	4.9" x 5.9"	125mm x 150mm
SAE Indicator Plunge Depth Indicator Adjustment Range	1" 1.969"	25.4mm 50.0mm

[1] Determined in laboratory environment on 2" thick SAE1018 Steel with surface roughness 63 micro inches with optimized pole shoes. Many factors contribute to the actual breakaway force and safe working load in each application. Consult a Magswitch Applications Engineer and test the Magswitch in each application before deployment.

Safety

- Items or body parts between the gripping surface of the magnet and ferromagnetic material are at risk of crushing and impact forces.
- Never exceed the maximum rated load of Magswitch tools. This may result in an unsafe or dangerous condition.
- DO NOT attempt to alter the device in any way. This will void the warranty and may result in an unsafe or dangerous condition.
- DO NOT attempt to disassemble the Magswitch magnet; there are no user serviceable parts inside.
- All Magswitch products are designed for normal worksite/jobsite conditions. Do not use underwater or in a hazardous environment unless specifically designed for that purpose.
- DO NOT use a Magswitch product if it is damaged or not working properly. Severe injury can occur if this device is not used properly and safely.
- Ensure Magswitch MagJigs are stored in the OFF position when not in contact with ferromagnetic materials.
- DO NOT turn the magnet ON unless it is in contact with ferromagnetic metal. Actuation off-target will generate a strong, static, projected magnetic field which can accelerate, draw-in, and trap ferromagnetic material and damage magnetic storage media.
- DO NOT expose standard Magswitch tools to temperatures above 176°Fahrenheit (80°Celsius). High temperatures will permanently degrade the magnet's effectiveness and may result in an unsafe condition.
- Always keep the bottom of the magnet clean and free of debris and rust. If needed, wipe with WD40 or light oil. The bottom surface of the magnet must be flat, smooth, and in contact with steel to hold properly.
- Thicker steels will be held more strongly than thinner sheet. Steels with high alloy and carbon content will not be held as strongly.

⚠ **WARNING:** This product can expose you to chemicals including nickel and tetrafluoroethylene, which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

⚠ **WARNING:** This product can expose you to chemicals including toluene, which are known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

⚠ **WARNING:** Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood.

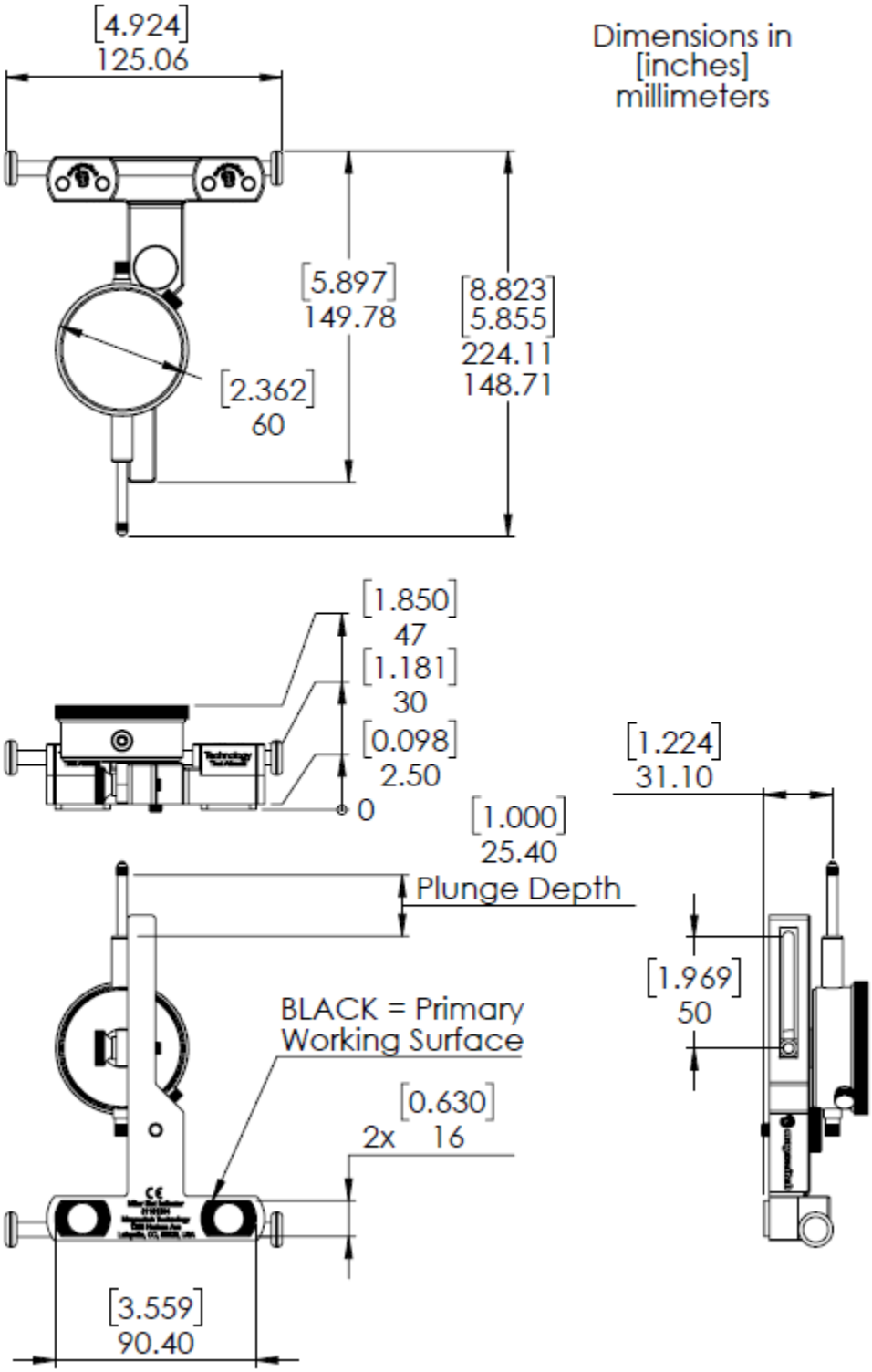
Warranty

Magswitch Limited Warranty

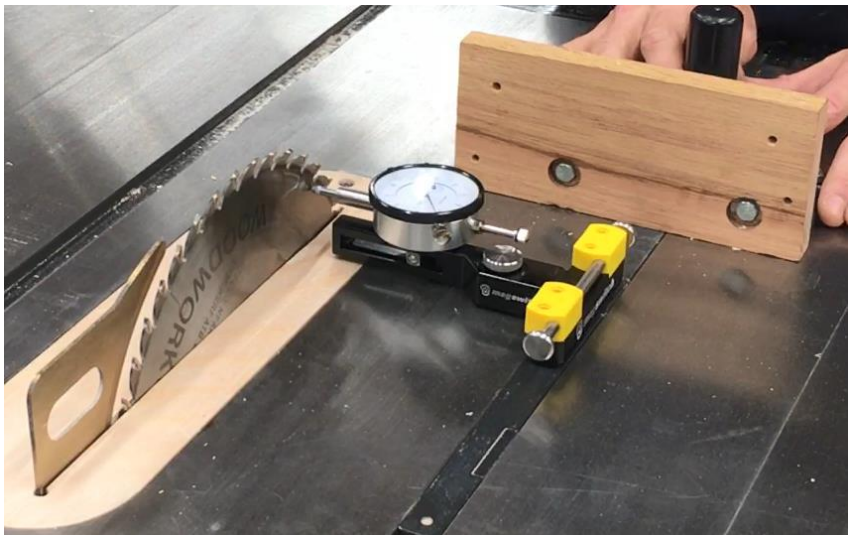
Magswitch products are covered by a one year limited warranty on material and workmanship. Warranty is non-transferable. Magswitch reserves the right to inspect all product claims under warranty. Any alteration of the device voids this warranty. User assumes all risk for the proper use of this device and for ensuring product suitability for intended application. This warranty shall not cover any incidental or consequential damages due to the improper use or failure of this device. All Magswitch products are covered under International and U.S. Patents 6,707,360 & 7,012,495. Add'l patents pending.

All Magswitch products are covered under International Patents. Australian Patents: 753496, 2006294433, Canadian Patents: 2,392,772, 2,458,251, Chinese Patent: 254155, European Patent: 1243006, Indian Patent: 219575, Korean(South) Patent: 10-0728448, Mexican Patent: 236,352, New Zealand Patent: 518865, Singapore Patents: 88931; 103413, South Africa Patents: 2002/3752; 2004/1785, US Patents: 6,707,360; 7,012,495. Additional Patents and Patent Applications Pending in Hong Kong, South Korea, China, Spain, Brazil, China, Japan. Trade Mark Registered in: European Union, Germany, Brazil, China

Product Dimensions

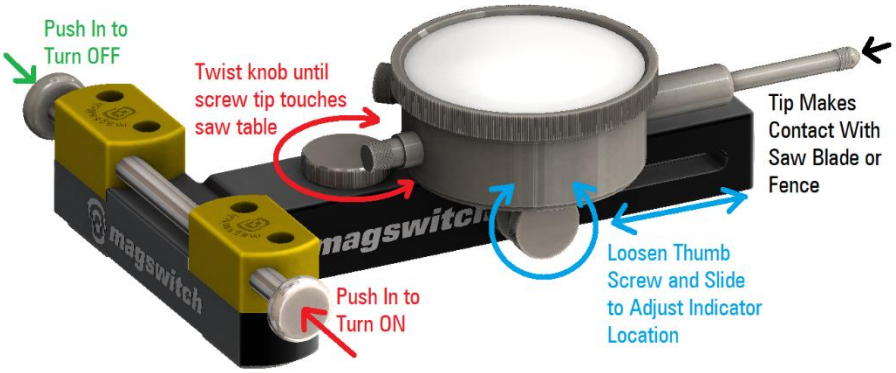


Getting Started



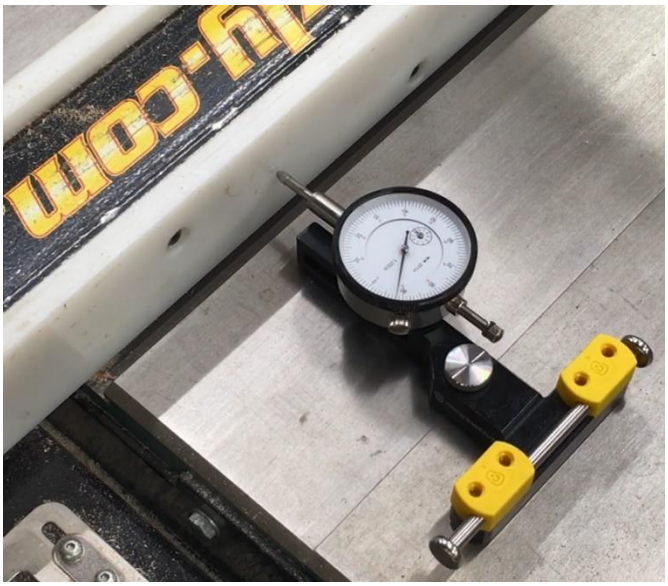
1. Install the miter slide in the table saw miter slot. When measuring saw blade parallelism the magnets will adhere to the steel guide which runs in the miter slot, so it must be ferromagnetic.

2. Position the indicator with the ▭-shaped magnet surfaces in contact with the miter slide. Press on the protruding "button" shown below to turn the magnets ON. The magnets will only remain ON if the button is completely compressed.



3. Adjust the low profile thumb screw near the indicator until its tip just touches the top of the saw table. This screw stabilizes the base.

4. The tip of the indicator can be compressed by hand to rest it against the saw blade. If additional distance is needed, loosen the thumb screw underneath the indicator which allows the indicator to slide along the length of the slot in the frame. Tighten the thumb screw when positioned as desired so it does not shift or twist when measuring.



5. To turn off the magnets, press the other "button" on the protruding slider to disengage from the steel guide.

6. The indicator can be also used opposite the table saw fence by turning on the magnets when in contact with the saw table top and adjusting the thumb screw until it just makes contact with the table.

EU Declaration of Conformity

We, Magswitch Technology

Magswitch Technology World Wide Pty. Ltd.
Registered Office: C/- Shop 2B, 14 Short Street, Port Macquarie NSW 2444 Australia

Declare with sole responsibility that the machinery

Miter Slot Indicator, Mitre Slot Indicator or other tool designations containing the “indicator” description and any accessories for these designations covered by these directives

Fulfils the relevant provisions of the following Union harmonisation legislation/directives:

- 2006/42/EC Machinery Directive
- 2011/65/EU Restriction of Hazardous Substances Directive (RoHS 2)
- 2015/863 Restriction of Hazardous Substances Directive III (RoHS 3)

Conformity is shown by compliance with the applicable requirements of the following documents:

Ref:	Title	Date
ISO 12100	Safety of machinery - General principles for design - Risk assessment and risk reduction	2010

The Technical Construction File is maintained at:

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