



AT EVERY STEP OF THE WAY

# 90 Degree Angle 165

P/N: 8100548

## Tool Features

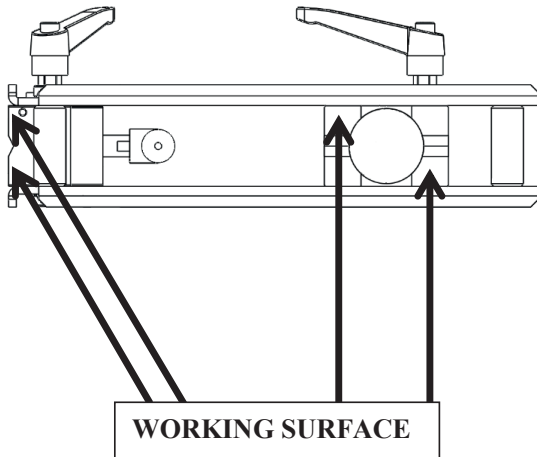
Magswitch 90 degree Welding Angles are the most versatile in the market. Featuring the benefits of Magswitch including incredible power and precision control, the Magswitch 90 degree angles are easy to use, and can be used with larger and heavier steel. All Magswitch 90 degree angles allow you to reposition the magnets up or down on each axis, or reverse from outside to inside. If you want more strength, just add more Magswitch MagSquares.



**WARNING!**  
DO NOT OPERATE UNLESS IN CONTACT WITH FERROUS TARGET

## Specifications

Max Breakaway *	150 lbs	68 kg
Full Saturation Thickness	0.25"	6 mm
2:1 Shear Working Load *	18.5 lbs	8.4 kg
Net Weight	1.8 lbs	0.8 kg
Overall Height	205 mm	
Magnetic Pole Footprint	48 mm x 31 mm	



\* Max Breakaway determined in laboratory environment on 2" thick SAE1018 Steel with surface roughness 63 micro inches. Many factors contribute to the actual breakaway force in each application. Always test the magswitch in each application before deployment. Refer to the magswitch information booklet for more information.



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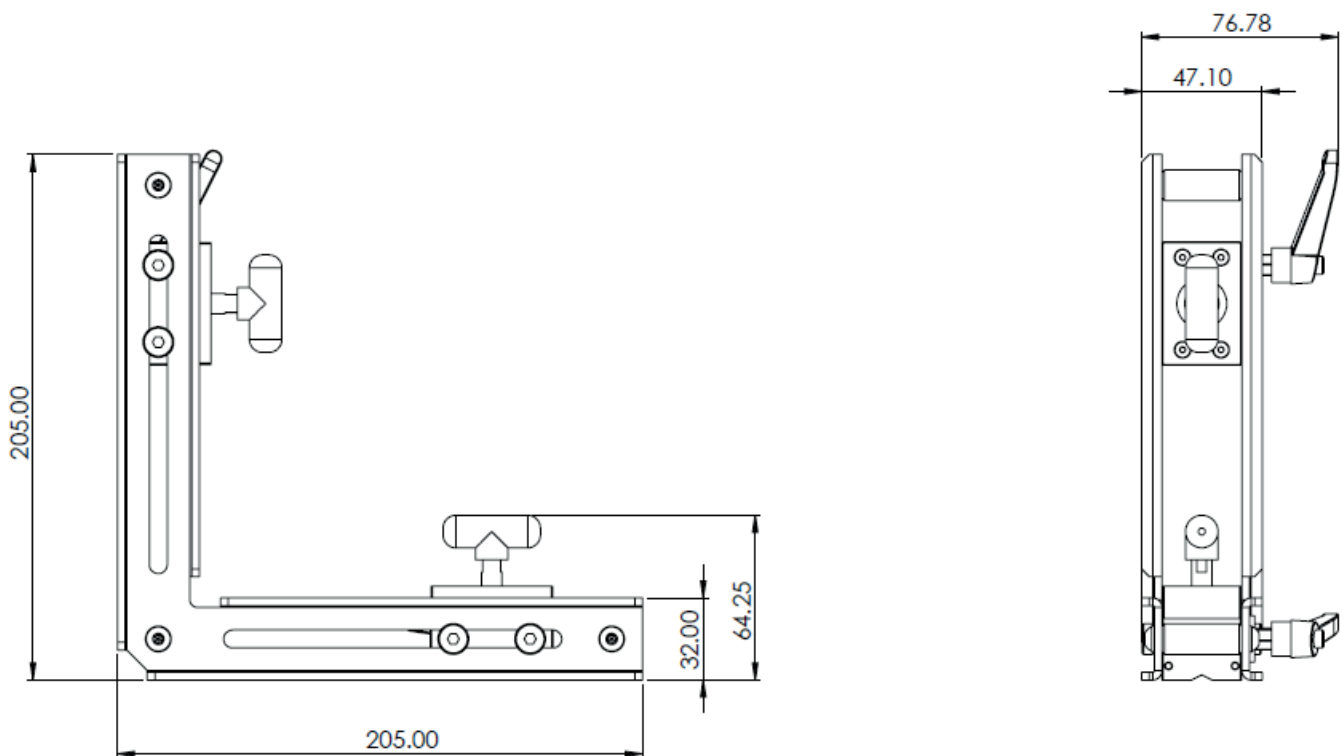
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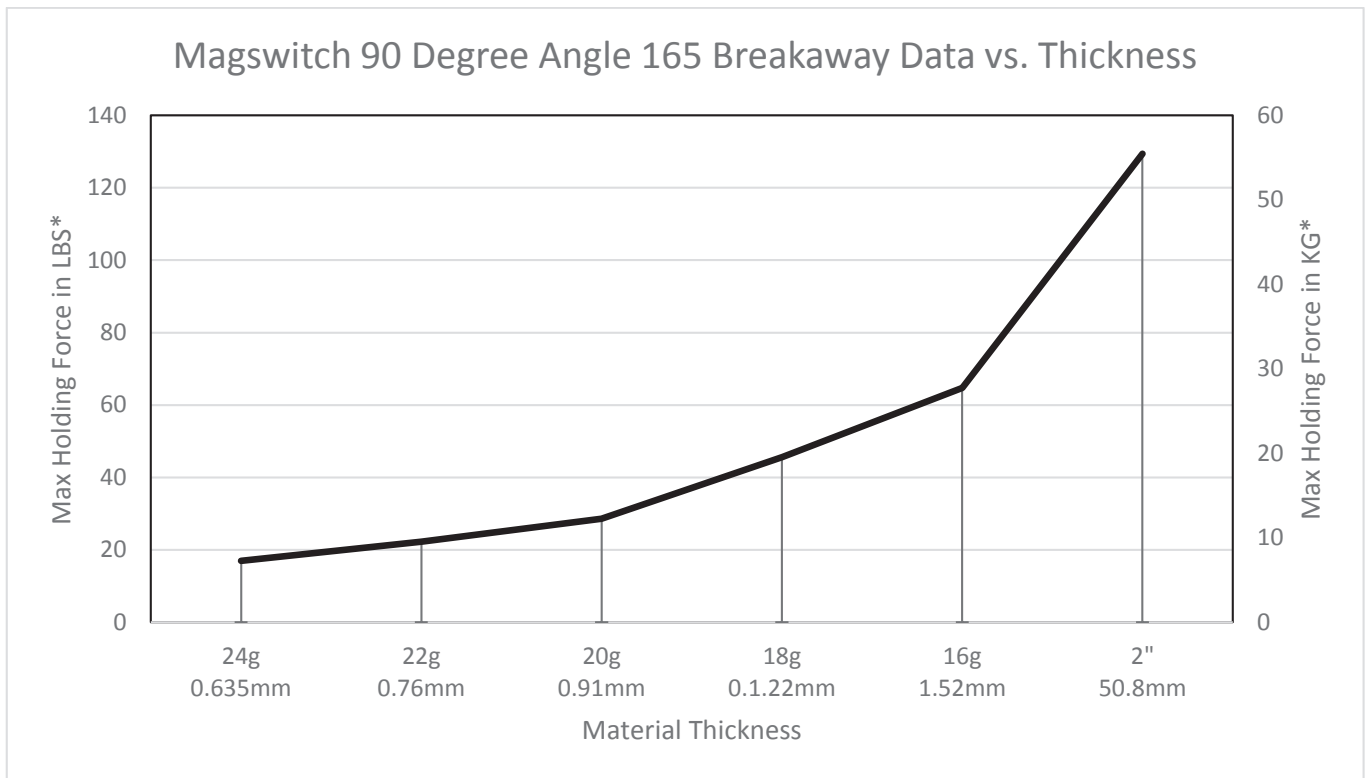
## Drawings



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## Breakaway Data



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