

# MLAY1000

P/N: 8100088

## Tool Features

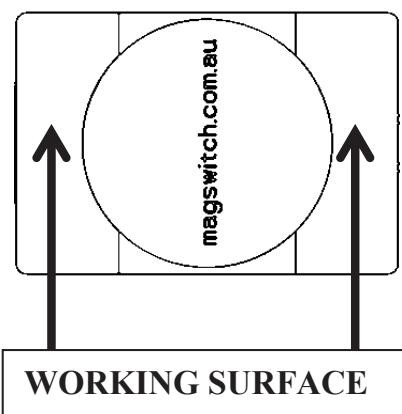
Magswitch MLAY series magnets utilize different size magnets to attain different field depths. The MLAY1000 series utilizes 70mm magnets to achieve full saturation at 1/2 inch and greater. The MLAY1000 is a medium duty lifting magnet ideal for fitting in tight spots and lifting beams and medium sheets. This unit is great for lifting loads with painted or rusty surfaces as the deep field penetrates further into the metal.

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



## Specifications

<b>Max Breakaway *</b>	1000 lbs	454 kg
<b>Safe Working Load *</b>	333 lbs	151 kg
<b>Full Saturation Thickness</b>	1/2"	12.7mm
<b>Max Safe Shear *</b>	50 lbs	22.7 kg
<b>Minimum Thickness for De-Stack</b>	3/4"	12.7mm
<b>Net Weight</b>	11.5 lbs	5.2 kg
<b>Overall Height</b>	253.12 mm	
<b>Magnetic Pole Footprint</b>	108.0 x 72.0 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.

**MLAY1000**  
**8100088**

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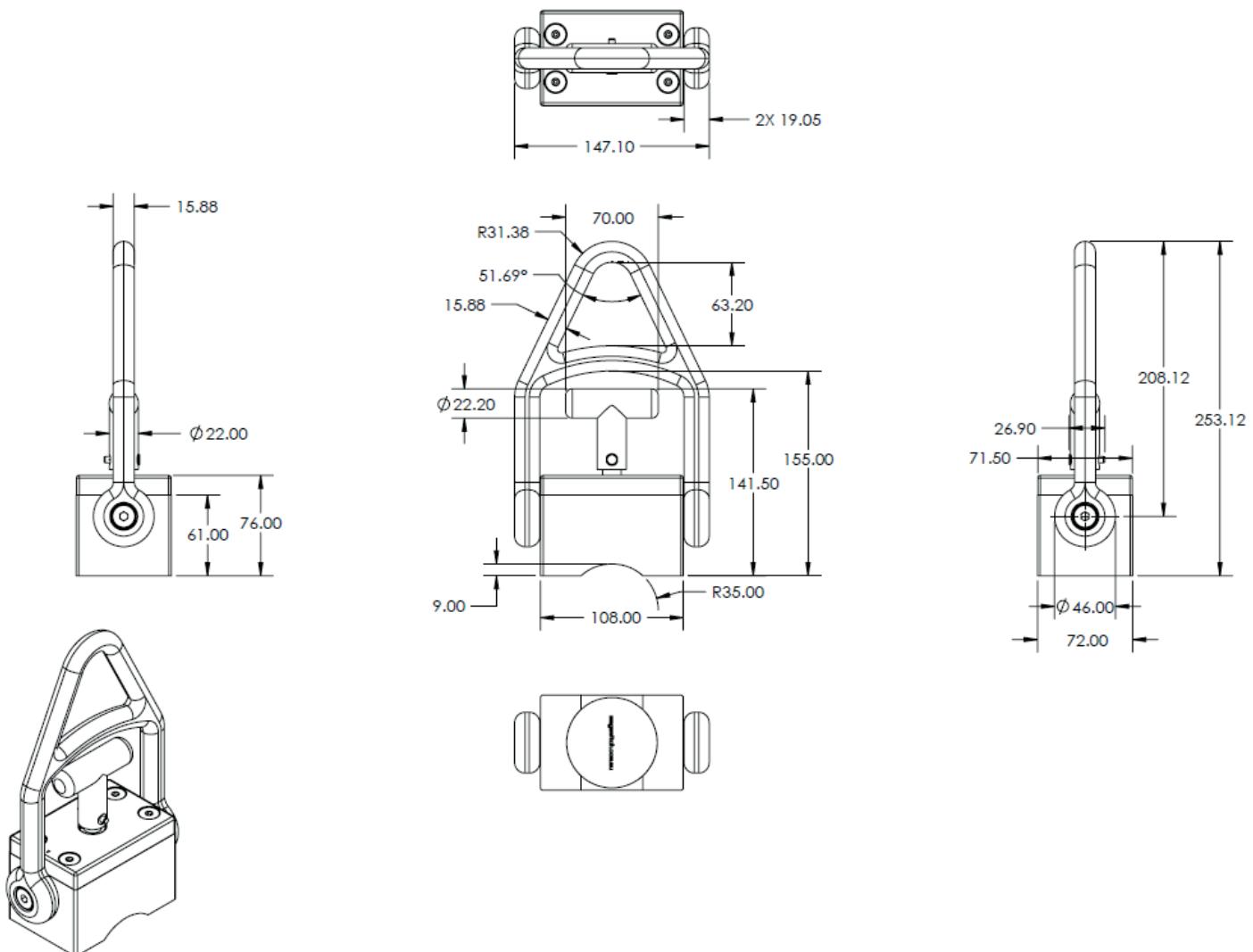
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## Drawings



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## ***Safe Working Load***

