ACCESSORIES

IMI SENSORS
A PCB DIVISION

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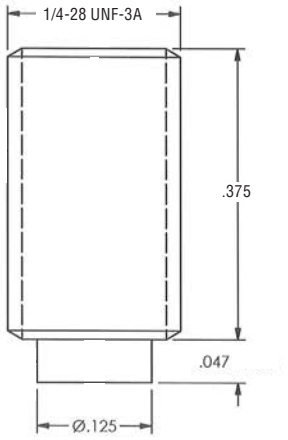
MOUNTING STUDS (1/4-28 SENSOR MOUNTING THREAD)

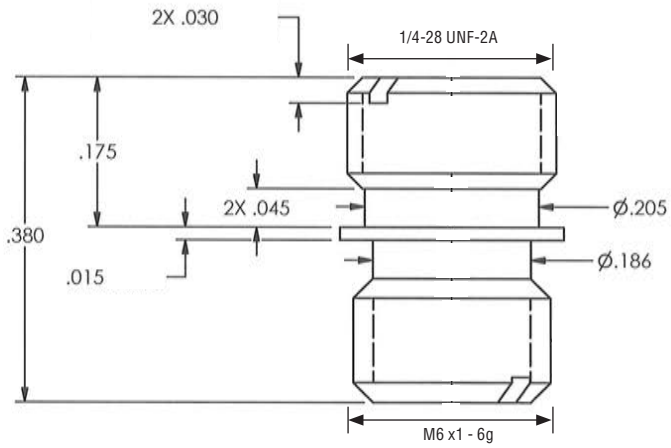
- Provides the stiffest possible mounting method for a sensor.
- Used for mounting sensors with ¼-28 threads.

SPECIFICATIONS		
	081A40	M081A61
Physical		
Material	Stainless Steel Beryllium Tip	Stainless Steel
Sensor Mounting Thread	¼-28	¼-28
Equipment Mounting Thread	¼-28	M6

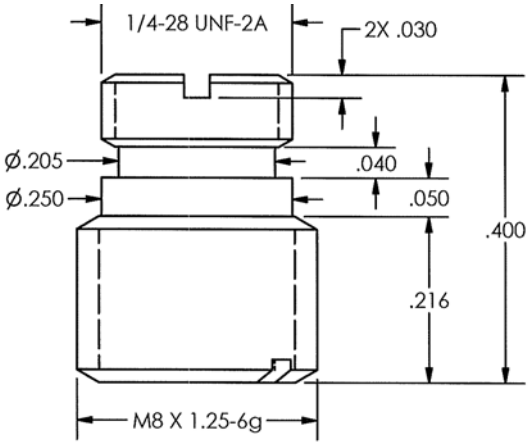
SPECIFICATIONS		
	M081A63	081M121
Physical		
Material	Stainless Steel	
Sensor Mounting Thread	¼-28	¼-28
Equipment Mounting Thread	M8	M10



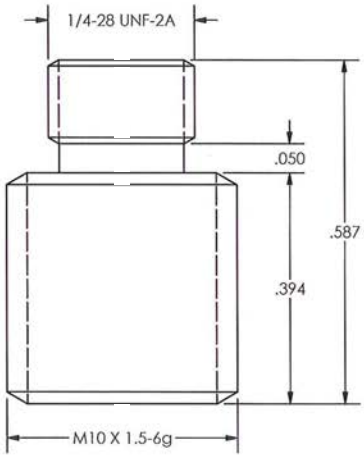
MODEL 081A40



MODEL M081A61



MODEL M081A63

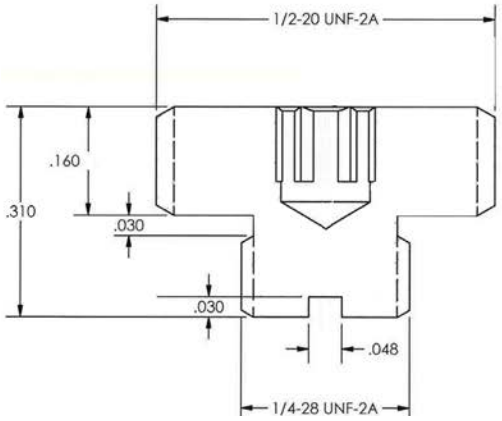


MODEL 081M121

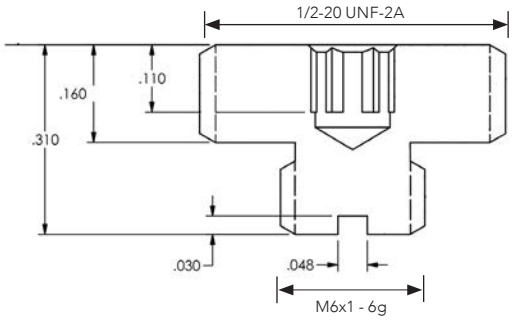
MOUNTING STUDS (1/2-20 SENSOR MOUNTING THREAD)

SPECIFICATIONS			
	080A156	M080A159A	080M298
Physical			
Material	Stainless Steel		
Sensor Mounting Thread	½-20	½-20	½-20
Equipment Mounting Thread	¼-28	M6	M8

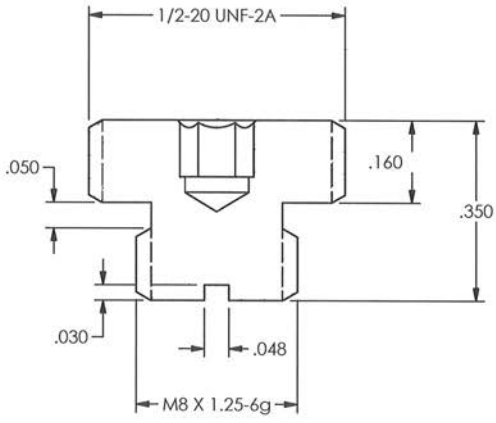
- Provides the stiffest possible mounting method for a sensor.
- Used with Models 607A11 and 607A61.



MODEL 080A156



MODEL M080A159A

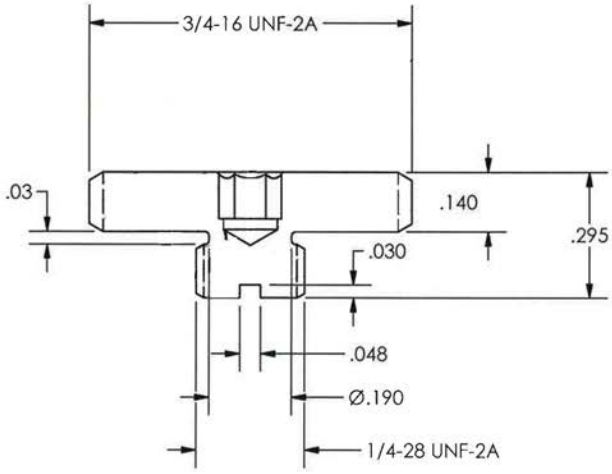


MODEL 080M298

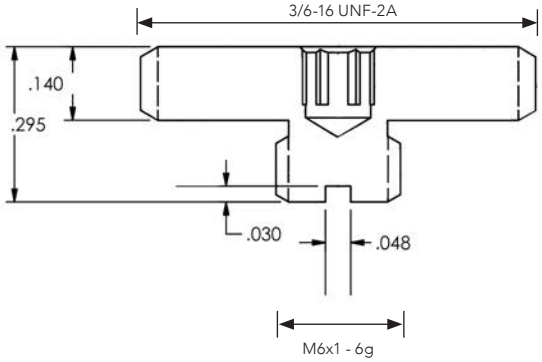
MOUNTING STUDS (3/4-16 SENSOR MOUNTING THREAD)

SPECIFICATIONS			
	080A162	M080A163A	080M363
Physical			
Material	Stainless Steel		
Sensor Mounting Thread	¾-16	¾-16	¾-16
Equipment Mounting Thread	¼-28	M6	M8

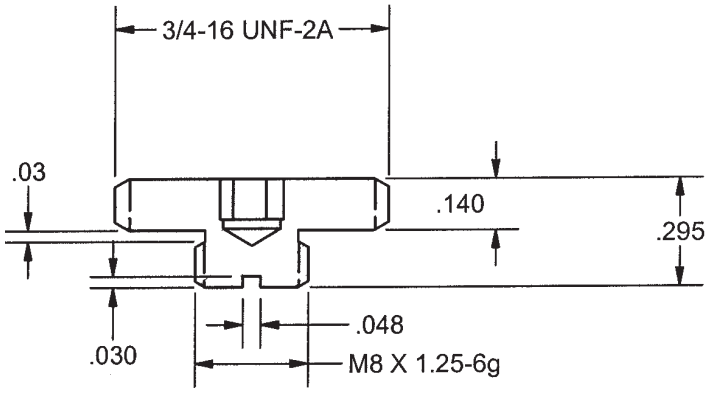
- Provides the stiffest possible mounting method for a sensor.
- Used with Model 607A01 and 642/643/647/648-Series.



MODEL 080A162



MODEL M080A163A



MODEL 080M363

THROUGH-BOLTS

- Provides the stiffest possible mounting method for a sensor.
- Used with:
  - 602-Series (081B97, M081B97)
  - 604/605-Series (081A68, M081A68)
  - 624-Series (081A67, M081A67)
  - 629-Series (081A56, M081A59)
  - HT602/625-Series (081A73, M081A73)

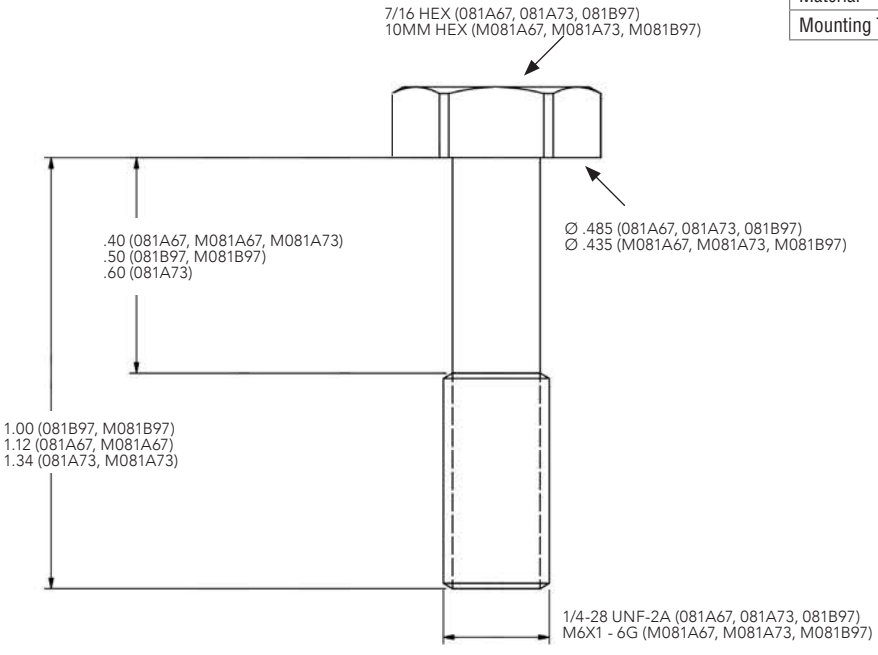
SPECIFICATIONS		
	081A56	M081A59
Physical		
Material	Stainless Steel	
Mounting Thread	¼-28	M6

SPECIFICATIONS		
	081A68	M081A68
Physical		
Material	Stainless Steel	
Mounting Thread	¼-28	M6

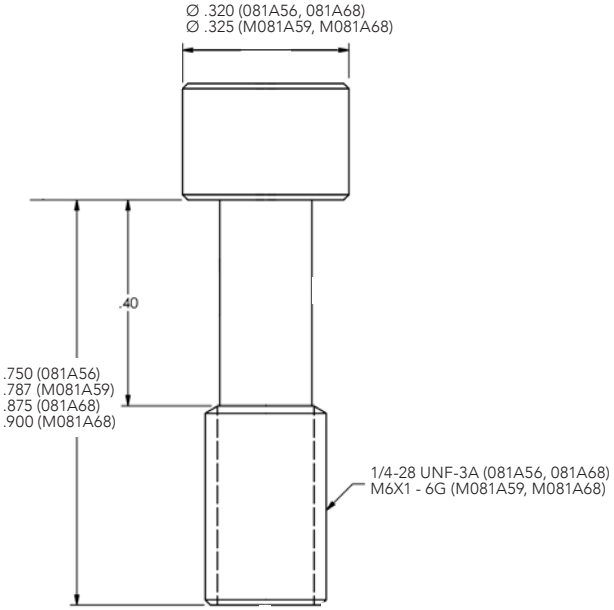
SPECIFICATIONS		
	081B97	M081B97
Physical		
Material	Stainless Steel	
Mounting Thread	¼-28	M6

SPECIFICATIONS		
	081A67	M081A67
Physical		
Material	Stainless Steel	
Mounting Thread	¼-28	M6

SPECIFICATIONS		
	081A73	M081A73
Physical		
Material	Stainless Steel	
Mounting Thread	¼-28	M6

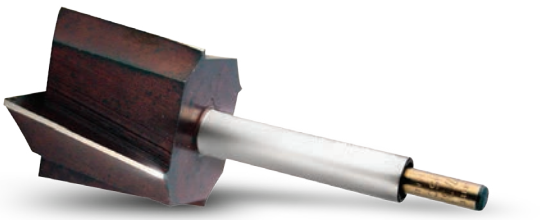


MODELS (M)081A67, (M)081A73, (M)081B97



MODELS 081A56, 081A68, M081A59, M081A68

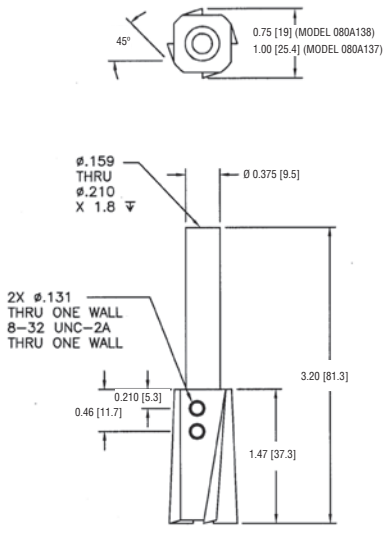
SPOT FACE TOOLS



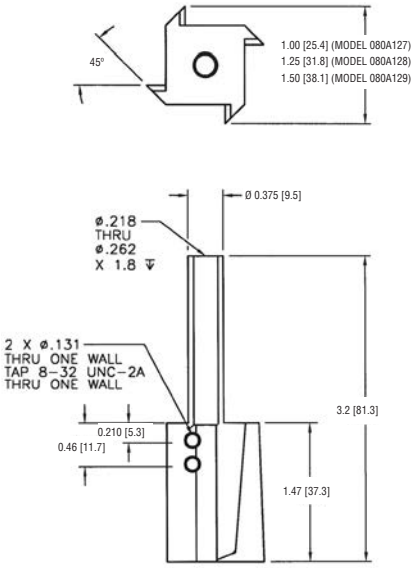
- Install into a drill to prepare the machine surface for accelerometer mounting, creating a smooth surface and pilot hole.
- Drill bit and tap to be provided by others

SPECIFICATIONS			
Model Number	**080A138**	**080A127**	**080A137**
Performance			
Drill Speed	150 to 350 RPM		
Physical			
Material	Tool Steel		
Dimension- Counterbore (Dia)	0.75 in 19.0 mm	1.00 in 25.4 mm	
Dimension- Shank (Dia)	0.375 in 9.5 mm		
Dimensions- Pilot Hole Drill	7/32		#21
Dimensions- Tap	1/4-28		10-32
Weight	1.6 oz 45.4 g	3.2 oz 90.7 g	

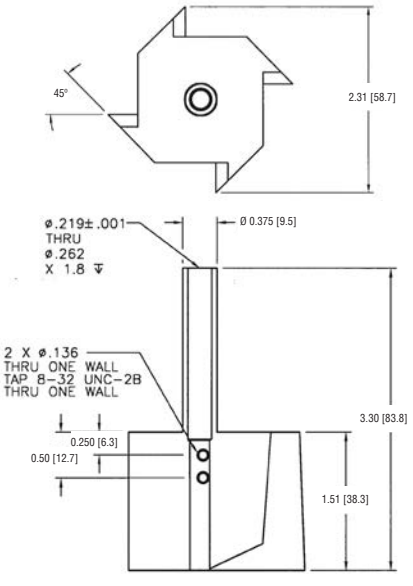
SPECIFICATIONS			
Model Number	**080A128**	**080A129**	**080A134**
Performance			
Drill Speed	150 to 350 RPM		
Physical			
Material	Tool Steel		
Dimension- Counterbore (Dia)	1.25 in 31.8 mm	1.50 in 38.1 mm	2.31 in 58.7 mm
Dimension- Shank (Dia)	0.375 in 9.5 mm		
Dimensions- Pilot Hole Drill	7/32		
Dimensions- Tap	1/4-28		
Weight	4.8 oz 136.1 g	7.2 oz 204.1 g	14.0 oz 396.9 g



MODEL 080137 & 080138

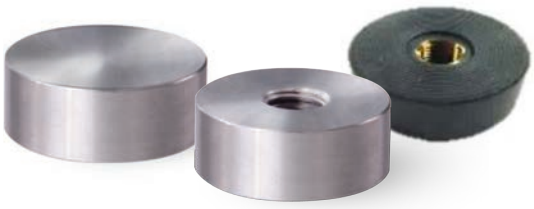


MODELS 080127 & 080128 & 080A129



MODEL 080134

MOUNTING PADS

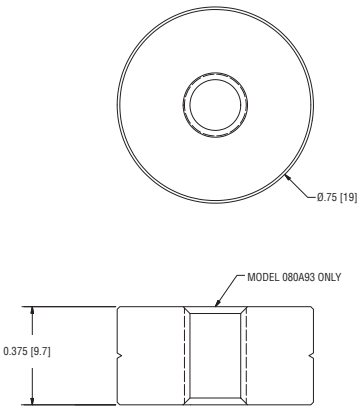


- Can be adhesively bonded or welded to machinery surfaces at specific vibration sensor installation points.
- Ensure that periodic measurements are always taken from the exact same location, lending to more accurate and repeatable measurement data.
- Pads with tapped holes are for use with stud mounted sensors; untapped pads are intended for use with magnetically mounted sensors.

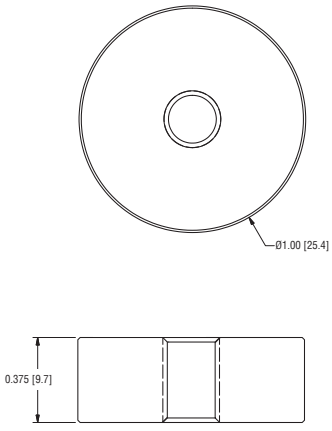
SPECIFICATIONS – METAL PAD WITHOUT TAPPED HOLE		
Model Number	**080A94**	**080A92**
Physical		
Housing Material	Stainless Steel	
Dimension (Dia x Height)	0.75 x 0.38 in 19.0 x 9.7 mm	1.375 x 0.38 in 38.0 x 9.7 mm
Weight	0.8 oz 22.7 g	2.4 oz 68.0 g

SPECIFICATIONS – METAL PAD WITH TAPPED HOLE			
Model Number	**080A93**	**080A118**	**080A91**
Physical			
Housing Material	Stainless Steel		
Tapped Hole	1/4-28		
Dimensions (Dia x Height)	0.75 x 0.38 in 19.0 x 9.7 mm	1.00 x 0.38 in 25.4 x 9.7 mm	1.375 x 0.38 in 38.0 x 9.7 mm
Weight	0.8 oz 22.7 g	1.6 oz 45.4 g	2.4 oz 68.0 g

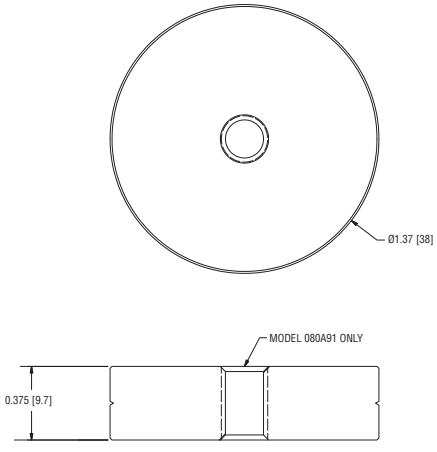
SPECIFICATIONS – NON-METAL PAD WITH TAPPED HOLE		
Model Number	**080M215**	**080M274**
Physical		
Housing Material	Ryton®	Macor®
Tapped Hole	1/4-28	
Dimensions (Dia x Height)	1.25 x 0.62 in 31.8 x 15.7 mm	
Weight	0.8 oz 22.7 g	



MODELS 080A93 & 080A94



MODELS 080A118

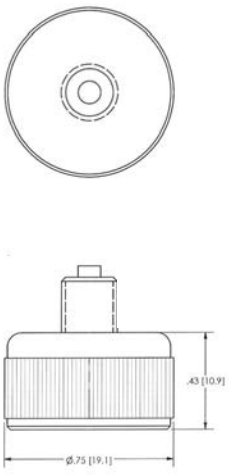


MODELS 080A91 & 080A92

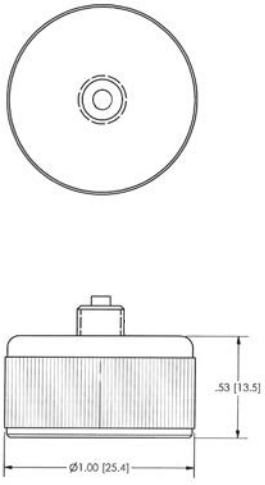
FLAT SURFACE MAGNETS

- Magnetic mounting offers the most convenient method of temporary sensor installation for route-based measurements and data collection.
- Utilize rare-earth magnet elements to achieve high attraction forces to the structure, aiding in high frequency transmissibility and attraction for weighty sensors and conditions of high vibration.

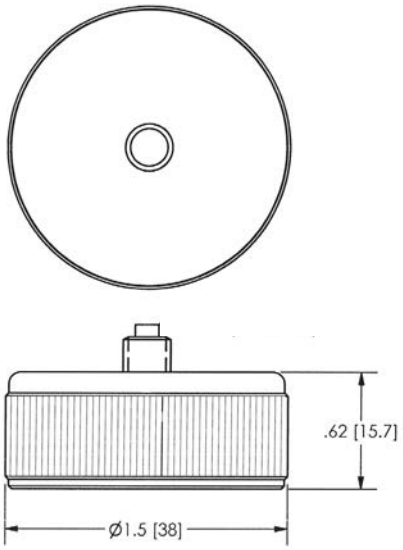
SPECIFICATIONS			
Model Number	**080A120**	**080A121**	**080A122**
Performance			
Pull Strength	15 lb 67 N	35 lb 156 N	50 lb 222 N
Environmental			
Temperature Range	-65 to +250 °F -54 to +121 °C		
Physical			
Magnet Material	Neodymium		
Housing Material	Stainless Steel		
Dimensions (Dia x Height)	0.75 x 0.43 in 19.0 x 10.9 mm	1.00 x 0.53 in 25.4 x 13.5 mm	1.50 x 0.62 in 38.0 x 15.7 mm
Weight	0.8 oz 22.7 g	1.6 oz 45.4 g	4.8 oz 136.1 g
Accessories			
Model 081A40: Mounting stud, 1/4-28 x 0.438"			



MODEL 080A120



MODEL 080A121

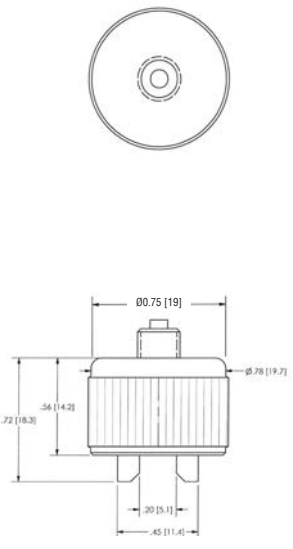


MODEL 080A122

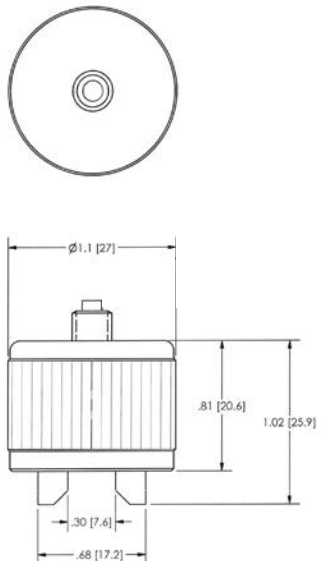
CURVED SURFACE MAGNETS

- Utilized for curved surfaces, such as motor housings and pipes.
- Knurled housings aid in gripping for removal.

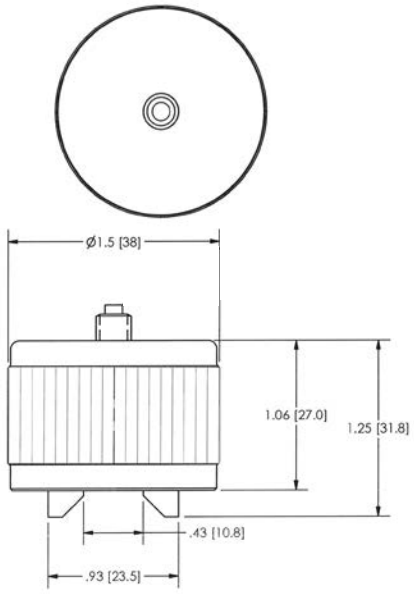
SPECIFICATIONS			
Model Number	**080A130**	**080A131**	**080A132**
Performance			
Pull Strength	15 lb 67 N	35 lb 156 N	55 lb 245 N
Environmental			
Temperature Range	-65 to +250 °F -54 to +121 °C		
Physical			
Magnet Material	Neodymium		
Housing Material	Stainless Steel		
Dimensions (Dia x Height)	0.75 x 0.72 in 19.0 x 18.3 mm	1.00 x 1.02 in 25.0 x 25.9 mm	1.50 x 1.25 in 38.0 x 31.8 mm
Weight	1.2 oz 34 g	3.0 oz 85 g	7.2 oz 204 g
Accessories			
Model 081A40: Mounting stud, 1/4-28 x 0.438"			



MODEL 080A130



MODEL 080A131



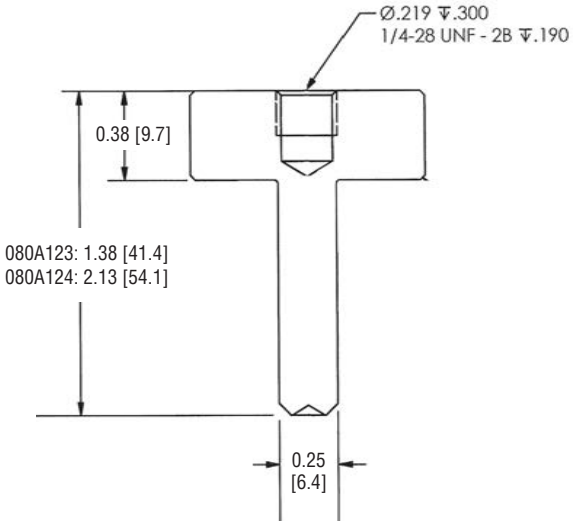
MODEL 080A132

MOTOR FIN MOUNTS

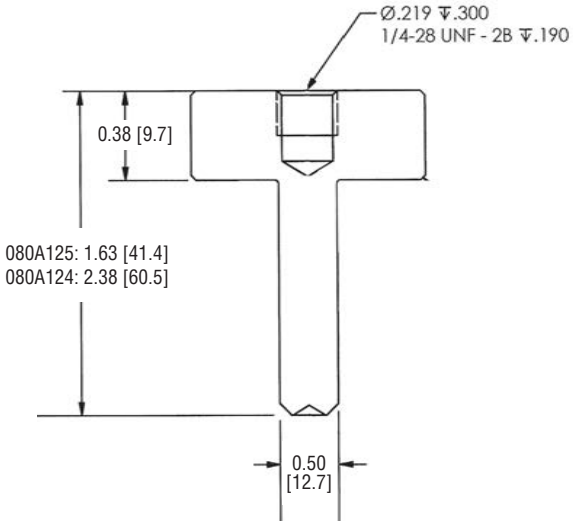
- Creates a flat mounting surface on motor with no appropriate spot for a sensor
- Anchors between the motor cooling fins with the use of epoxy or welding

SPECIFICATIONS		
Model Number	**080A123**	**080A124**
Physical		
Material	Stainless Steel	
Dimensions (Thickness x Height)	0.25 x 1.375 in 6.4 x 34.9 mm	0.25 x 2.125 in 6.4 x 54.0 mm
Weight	2.4 oz 68.0 g	3.2 oz 90.7 g

SPECIFICATIONS		
Model Number	**080A125**	**080A126**
Physical		
Material	Stainless Steel	
Dimensions (Thickness x Height)	0.5 x 1.625 in 12.7 x 41.3 mm	0.5 x 2.375 in 6.4 x 60.3 mm
Weight	4.0 oz 113.4 g	5.6 oz 158.8 g



MODELS 080A123 & 080A124



MODELS 080A125 & 080A126

DATA COLLECTOR EXTENSION POLE

- Keeps technicians on the ground and away from heat sources, reducing the need for safety harnesses and other equipment.
- Non-conductive properties reduce the risk of electric shock.
- Spring loaded head tilts 180° for proper sensor placement.

SPECIFICATIONS		
Model Number	**080A225**	**080A226**
Performance		
Head Rotating Span	180˚	
Number of Head Locking Positions	5	
Maximum Magnet Size (Dia.)	1 in 25.4 mm	
Environmental		
Maximum Bushing Operating Temperature	+400 ºF +204 ºC	
Physical		
Pole Material	Fiberglass	
Bushing Hardness	70 Durometer	
Dimensions (Bushing Inner Dia.)	0.50 in 12.7 mm	
	0.625 in 15.9 mm	
	0.75 in 19.1 mm	
	0.875 in 22.2 mm	
	1.00 in 25.4 mm	
Dimensions (Retracted Length)	4 ft 1.2 m	6 ft 1.8 m
Dimensions (Extended Length)	7 ft 2.1 m	11 ft 3.4 m
Weight	3 lb 1.36 kg	4 lb 1.81 kg

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A PCB DIVISION

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