

Sensors and Systems



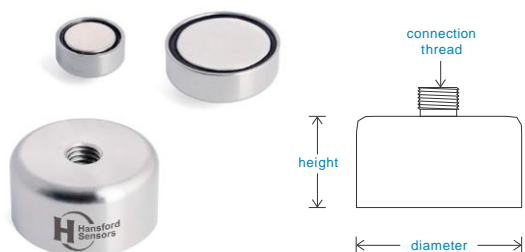
Hansford Sensors
Excellence in Vibration Monitoring

Magnetic Base & Stud Product Guide



that protect your plant...

HS-AM Magnets - Flat Face













We manufacture a range of accessories for use with our comprehensive series of industrial accelerometers to achieve a secure surface fit.

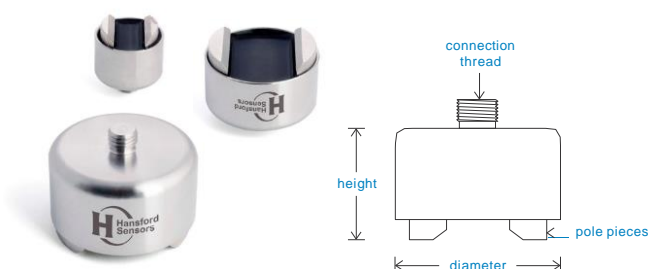
Flat Face Pot Magnets provide a secure, semi-permanent point of connection to a flat surface and all have an operating temperature range up to 120°C

Part No.	Diameter	Thread	Pull Strength	Height	
HS-AM027	20mm	1/4"-28 UNF Male	12kg	8mm	
HS-AM028	20mm	M6 Male	12kg	8mm	
HS-AM029	20mm	M8 Male	12kg	8mm	
HS-AM030	20mm	10-32 UNF Male	12kg	8mm	
HS-AM009	25mm	1/4"-28 UNF Male	13.5kg	8mm	
HS-AM006	25mm	M6 Male	13.5kg	8mm	
HS-AM007	25mm	M8 Male	13.5kg	8mm	
HS-AM024	25mm	10-32 UNF Male	13.5kg	8mm	
HS-AM008	25mm	Q-Fit Male	13.5kg	14mm	
HS-AM014	25mm	1/4"-28 UNF Female	13.5kg	15mm	
HS-AM015	25mm	M5 Female	13.5kg	15mm	

HS-AM Magnets - Flat Face

Part No.	Diameter	Thread	Pull Strength	Height	
HS-AM016	25mm	M6 Female	13.5kg	15mm	
HS-AM017	25mm	M8 Female	13.5kg	15mm	
HS-AM031	30mm	1/4"-28 UNF Male	25kg	10mm	
HS-AM032	30mm	M6 Male	25kg	10mm	
HS-AM033	30mm	M8 Male	25kg	10mm	
HS-AM034	30mm	10-32 UNF Male	25kg	10mm	
HS-AM045	30mm	1/4"-28 UNF Female	25kg	16mm	
HS-AM046	30mm	M6 Female	25kg	16mm	
HS-AM047	30mm	M8 Female	25kg	16mm	
HS-AM019	40mm	1/4"-28 UNF Male	50kg	9mm	

HS-AM Magnets - Pole Piece














We manufacture a range of accessories for use with our comprehensive series of industrial accelerometers to achieve a secure surface fit.

Pole Piece Pot Magnets provide a secure, semi-permanent point of connection to a curved surface and all have an operating temperature range up to 120°C

Part No.	Diameter	Thread	Pull Strength	Height
HS-AM020	20mm	1/4"-28 UNF Male	8.5kg	17mm
HS-AM001	25mm	1/4"-28 UNF Male	18kg	17mm
HS-AM002	25mm	M6 Male	18kg	17mm
HS-AM003	25mm	M8 Male	18kg	17mm
HS-AM004	25mm	10-32 UNF Male	18kg	17mm
HS-AM026	25mm	1/2" UNC Q-Fit Male	18kg	21mm
HS-AM005	25mm	Q-Fit Male	18kg	23mm
HS-AM010	25mm	M5 Female	18kg	23mm
HS-AM011	25mm	M6 Female	18kg	23mm
HS-AM012	25mm	1/4"-28 UNF Female	18kg	23mm
HS-AM013	25mm	M8 Female	18kg	23mm

HS-AM Magnets - Pole Piece

Part No.	Diameter	Thread	Pull Strength	Height	
HS-AM018	32mm	1/4"-28 UNF Male	20kg	20mm	
HS-AM036	32mm	M6 Male	20kg	20mm	
HS-AM037	32mm	M8 Male	20kg	20mm	
HS-AM041	32mm	M6 Female	20kg	26mm	
HS-AM040	32mm	M8 Female	20kg	26mm	
HS-AM035	32mm	1/4"-28 UNF Female	20kg	26mm	
HS-AM039	35mm	1/4"-28 UNF Male	35kg	33mm	
HS-AM042	35mm	M5 Female	35kg	33mm	
HS-AM043	35mm	M6 Female	35kg	33mm	
HS-AM038	35mm	1/4"-28 UNF Female	35kg	33mm	
HS-AM044	35mm	M8 Female	35kg	33mm	

HS-AS Studs

adapters



Adapters to connect accelerometers to machine faces.

Mounting Studs provide a secure, permanent or semi-permanent point of connection

Part No.	Connection Point 1	Connection Point 2
HS-AS006	Quick Fit Female	¼"-28 UNF Male
HS-AS009	M6 Female	M8 Male
HS-AS026	10-32 UNF Male	M6 Male
HS-AS028	Quick Fit Female ½" UNC	¼"-28 UNF Male
HS-AS030	M8 x 1.25 Female	1/8"BSPT Male
HS-AS032	Quick Fit Female	M8 Male
HS-AS039	Quick Fit Female ½" UNC	10-32 UNF Male
HS-AS045	Quick Fit Female	M5 Female
HS-AS088	Quick Fit Female 9/16" UNC	M5 Female
HS-AS092	3/8" UNF Female	3/8" NPT Male
HS-AS103	¼"-28 UNF Female	¼" NPT Male
HS-AS107-M6	M6 Female	M6 Male
HS-AS111	M8 Female	M8 Female
HS-AS119	¼"-28 UNF Female	1/4"-28UNF Male
HS-AS121	¼"-28 UNF Female	3/8"-16 UNC Male









HS-AS Studs

side entry accelerometer bolts



For use with side entry accelerometers to provide a male thread.

Mounting Studs provide a secure, permanent or semi-permanent point of connection

Part No.	Connection Point 1	Connection Point 2	
HS-AS042-M6	Socket Cap	M6 Male	
HS-AS042-M8	Socket Cap	M8 Male	
HS-AS098	Socket Cap	M6 Male	
HS-AS109	Socket Cap	1/4"-28 UNF Male	
HS-AS114	Hexagonal Head	M6 Male	
HS-AS129	Hexagonal Head	1/4"-28 UNF Male	





HS-AS Studs

conical mounts



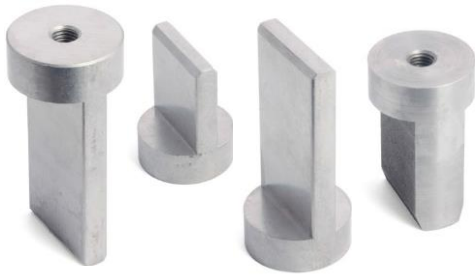
For use with motor with existing conical mount.

Mounting Studs provide a secure, permanent or semi-permanent point of connection

Part No.	Connection Point 1	Connection Point 2	
HS-AS031-1/4-M8	1/4"-28 UNF Female	M8 Male	
HS-AS031-M6-M6	M6 Female	M6 Male	
HS-AS031-M6-M8	M6 Female	M8 Male	
HS-AS031-M8-M8	M8 Female	M8 Male	

HS-AS Studs

fin mounts



For use in the fins of an electric motor.

Mounting Studs provide a secure, permanent or semi-permanent point of connection

Part No.	Connection Point 1	Connection Point 2	
HS-AS040-40	1/4"-28 UNF Female	40 mm x 7 mm	
HS-AS040-50	1/4"-28 UNF Female	50 mm x 7 mm	
HS-AS105-1	1/4"-28 UNF Female	30 mm x 13 mm	
HS-AS105-2	1/4"-28 UNF Female	50 mm x 13 mm	
HS-AS105-3	1/4"-28 UNF Female	45 mm x 5 mm	
HS-AS105-4	1/4"-28 UNF Female	25 mm x 5 mm	



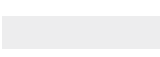





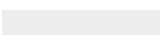


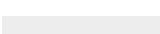


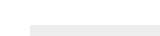


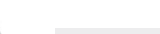





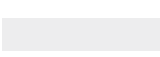


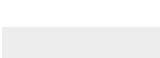


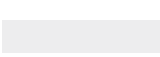


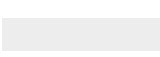


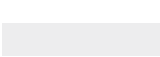


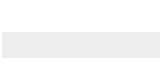





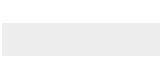
HS-AS Studs

glue face



Glue face studs are designed to provide a stronger glue surface to connect an accelerometer via.

Mounting Studs provide a secure, permanent or semi-permanent point of connection

Part No.	Connection Point 1	Connection Point 2			
HS-AS014	1/4"-28 UNF Male	Glue Face x Ø19mm			
HS-AS019-15	Magnet	Glue Face x Ø15mm			
HS-AS019-18	Magnet	Glue Face x Ø18mm			
HS-AS019-24	Magnet	Glue Face x Ø24mm			
HS-AS019-30	Magnet	Glue Face x Ø30mm			
HS-AS019-38	Magnet	Glue Face x Ø38mm			
HS-AS027-M6	M6 Female	Glue Face x 20mm AF			
HS-AS027-M8	M8 Female	Glue Face x 20mm AF			
HS-AS027-M8x1	M8 x 1 Female	Glue Face x 20mm AF			
HS-AS029	10-32 UNF Male	Glue Face x Ø19mm			
HS-AS036	M8 Male	Glue Face x 36mm AF			
HS-AS059-1/4	1/4"-28 UNF Female	Glue Face x Ø19mm			
HS-AS059-M6	M6 Female	Glue Face x Ø19mm			
HS-AS059-M8	M8 x 1.25 Female	Glue Face x Ø19mm			
HS-AS087	Magnet - Ø5mm Centre Hole	Glue Face x Ø19mm			

HS-AS Studs

mounting/grub screws



Screw studs for use to adapt a female thread into a male thread.

Mounting Studs provide a secure, permanent or semi-permanent point of connection

Part No.	Connection Point 1	Connection Point 2			
HS-AS008	1/4"-28 UNF Male	M8 Male			
HS-AS020	10-32 UNF 3/8" Male	10-32 UNF 3/8" Male			
HS-AS021	1/4"-28 UNF Male	M10 Male			
HS-AS022	1/4"-28 UNF 1/2" Male	1/4"-28 UNF 1/2" Male			
HS-AS023	1/4"-28 UNF Male	M8 Male			
HS-AS024	1/4"-28 UNF Male	M6 Male			
HS-AS025	1/4"-28 UNF Male	3/8"-24 UNF Male			
HS-AS043	1/4"-28 UNF Male	10-32 UNF Male			
HS-AS053	1/4"-28 UNF Male	M6 Male			
HS-AS066	1/4"-28 UNF Male	M6 Male			
HS-AS067	1/4"-28 UNF Male	M8 Male			
HS-AS068	1/4"-28 UNF Male	M10 Male			

HS-AS Studs

isolation



Provides a barrier to cut down on electrical interference.

Mounting Studs provide a secure, permanent or semi-permanent point of connection

Part No.	Connection Point 1	Connection Point 2	
HS-AS046-1	M6 x 1 Female	M6 x 1 Male	
HS-AS046-2	1/4"-28 UNF Female	1/4"-28 UNF Male	
HS-AS046-3	M8 x 1.25 Female	M8 x 1.25 Male	
HS-AS051-1/4	1/4"-28 UNF Male	1/4" - 28UNF Female Nylatron	
HS-AS051-M6	M6 x 1 Male	M6 x 1 Female Nylatron	
HS-AS051-M8	M8 x 1.25 Male	M8 x 1.25 Female Nylatron	
HS-AS051-M8X1.25	M8 x 1.00 Male	M8 x 1.25 Female Nylatron	
HS-AS051-M10	M10 x 1.5 Male	M10 x 1.5 Female Nylatron	
HS-AS051-M10X1.25	M10 x 1.25 x 10mm Male	M10 x 1.25 Female Nylatron	

HS-AS Studs

mounting/grub screws

Part No.	Connection Point 1	Connection Point 2			
HS-AS069	1/4"-28 UNF Male	1/4"-28 UNF Male			
HS-AS076	1/2"-28 UNF Male	M6 Male			
HS-AS081	1/4"-28 UNF Male	M12 Male			
HS-AS083	1/4"-28 UNF Male	M10 Male			
HS-AS084	1/4"-28 UNF Male	M5 Male			
HS-AS086	1/4"-28 UNF Male	M8 x 1 Male			
HS-AS090	1/4"-28 UNF Male	M10 x 1.25 Male			
HS-AS101	1/4"-28 UNF Male	1/2"-28 UNF Male			
HS-AS102	1/4"-28 UNF Male	1/2"-28 UNF Male			
HS-AS104	1/4"-28 UNF Male	M6 Male			
HS-AS110	1/4"-28 UNF Male	M10 x 1.25 Male			
HS-AS112	1/4"-28 UNF Male	M12 x 1.5 Male			
HS-AS115	1/4"-28 UNF Male	1/2" - 13 TPI UNC x 1" Male			
HS-AS122	1/4"-28 UNF Male	M10 x 1 Male			































HS-AS Studs

Quick Fit threads













For use with accelerometers with quick-fit threads.

Mounting Studs provide a secure, permanent or semi-permanent point of connection

Part No.	Connection Point 1	Connection Point 2			
HS-AS001	Quick Fit Male	Glue Face			
HS-AS002	Quick Fit Male	M8 Male			
HS-AS003	Quick Fit Male	M6 Male			
HS-AS004	Quick Fit Male	1/4"-28 UNF Male			
HS-AS007	Quick Fit Male	M10 Male			
HS-AS010	Quick Fit Male	M8 x 1.25 Female			
HS-AS011	Quick Fit Male	M6 x 1 Female			
HS-AS012	Quick Fit Male	1/4"-28 UNF Female			
HS-AS013	Quick Fit Male (9/16" UNC)	Glue Face			
HS-AS018	Quick Fit Male (1/2" UNC)	Glue Face			

HS-AS Studs

Quick Fit threads

Part No.	Connection Point 1	Connection Point 2		
HS-AS033	Quick Fit Male	M8 x 1 Male		
HS-AS034	Quick Fit Male (1/2" UNC)	M6 x 1 Male		
HS-AS037	Quick Fit Male (1/2" UNC)	M8 x 1.25 Male		
HS-AS041	Quick Fit Male	3/8" BSP		
HS-AS049	Quick Fit Male	1/8" BSP		
HS-AS064	Quick Fit Male	M5 Male		
HS-AS065	Quick Fit Male	Glue face and M6 x 1 Female		
HS-AS072	Quick Fit Male	M8 x 8mm Male		
HS-AS078	Quick Fit Male	Glue Face in 316L Stainless Steel		
HS-AS108	Quick Fit Male	M12 Male		
HS-AS120	Quick Fit Male	1/4"NPT Male	