

Anti Vibration Mounts

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AMT MACHINE MOUNT, SERIES MM

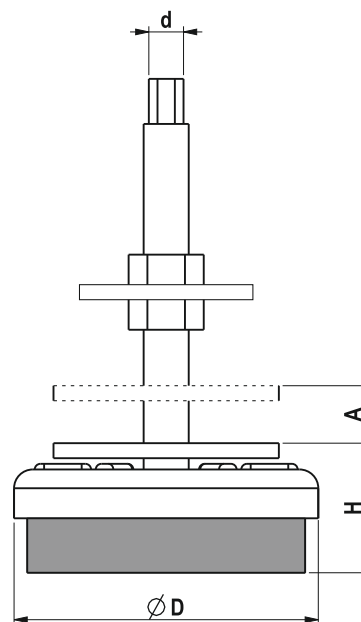
AMT MM series machine mounts are well suited for mounting workshop machinery without being anchored to the ground especially for machines with high vertical and horizontal forces. These ready to install mounts allow immediate commissioning, eliminating the need for foundations or grouting. The height adjustment feature allows precise leveling of machinery. These mounts will insulate high frequency vibrations and sound and prevent wandering of machinery due to the large contact area. Also the anti vibration material used has high resistance to acids, alkalis and oils.

Application

- General purpose machine mounts
- Machine tool industry
- Plastic industry
- Sheet metal industry
- Food industry
- Beverage industry
- Pharmaceutical industry

Advantages

- Quick and easy installation. No need for anchoring.
- Isolate strong vibrations that are dangerous, both for the operator and machinery. Achieve a higher work peace quality.
- Reduce maintenance and repair costs as pre-mature wear of machinery is avoided.
- Good resistance to machine coolants and oils.



Description	UOM	Product Code			
		AMT-MM1	AMT-MM2	AMT-MM3	AMT-MM4
Diameter (D)	mm	80	120	160	200
Height (H)	mm	45	45	60	67
Stud Size (d)	mm	M12 x 1.5 x 100	M16 x 1.5 x 100	M20 x 1.5 x 150	M20 x 1.5 x 150
Adjustment (A)	mm	10	15	21	21
Min / Max Load per mount	kg	50 – 500	200 – 1100	800 – 2100	1500 – 4000



AMT MACHINE MOUNT, SERIES SMM

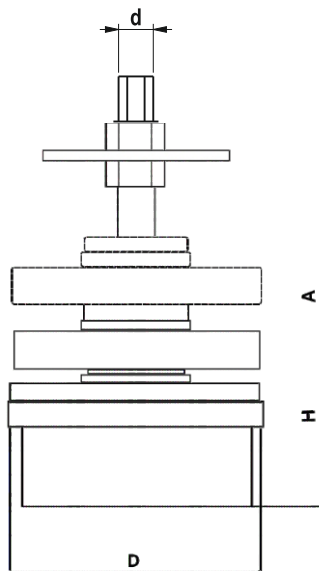
AMT SMM series machine mounts with special top seating arrangement for easy leveling adjustment well suited for mounting workshop machinery without being anchored to the ground especially for machines with high vertical and horizontal forces. These ready to install mounts allow immediate commissioning, eliminating the need for foundations or grouting. The height adjustment feature allows precise leveling of machinery. These mounts will insulate high frequency vibrations and sound and prevent wandering of machinery due to the large contact area. Also the anti vibration material used has high resistance to acids, alkalis and oils.

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Description	UOM	Product Code			
		AMT-SMM1	AMT-SMM2	AMT-SMM3	AMT-SMM4
Diameter (D)	mm	80	120	160	200
Height (H)	mm	75	80	95	105
Stud Size (d)	mm	M 12 X 100	M 12 X 100	M 16 X 100	M 16 X 100
Adjustment (A)	mm	15	20	21	21
Min / Max Load per mount	kg	50-500	200-1100	800-2100	1500-4000



AMT MACHINE MOUNT, SERIES MH

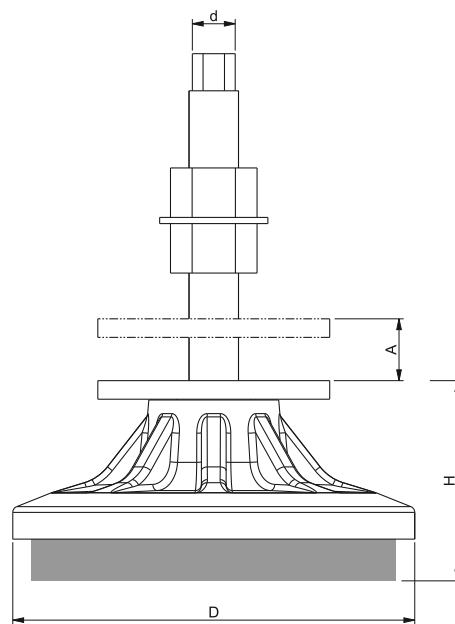
AMT MH series machine mounts are ideal for machines exerting significant vertical and horizontal forces, where a secure, high-precision connection with the machine is required. The unique design absorbs impulses and shock in high-speed machinery, where vibration damping is critical. Levelling accuracy of 1/100mm is achieved over the entire adjustment range. An integral locking device prevents the mount from coming apart during installation or relocation of the machine. It maintains excellent horizontal dynamic stability and provide vibration dampening during machine operation.

Application

- Injection and blow molding machines
- Machine tool industry
- Extrusion machines
- Granulators
- Conveyors

Advantages

- Excellent horizontal dynamic stability.
- Minimal lateral deflection.
- Reduced overall height.
- Precise leveling. Fine height adjustment under full load
- Effective machinery isolation allows increased production output.
- Ease of machine mobility.



Description	UOM	Product Code		
		AMT - MH 1	AMT - MH 2	AMT - MH 3
Diameter (D)	mm	130	170	200
Height (H)	mm	62	64	66
Stud Size (d)	mm	M16 x 1.5 x 150	M20 X 1.5 X 150	M24 X 1.5 X 150
Adjustment (A)	mm	19	22	22
Min / Max Load per mount	kg	50 – 500	200 – 1100	800 – 2100



AMT MACHINE MOUNT, SERIES SMH

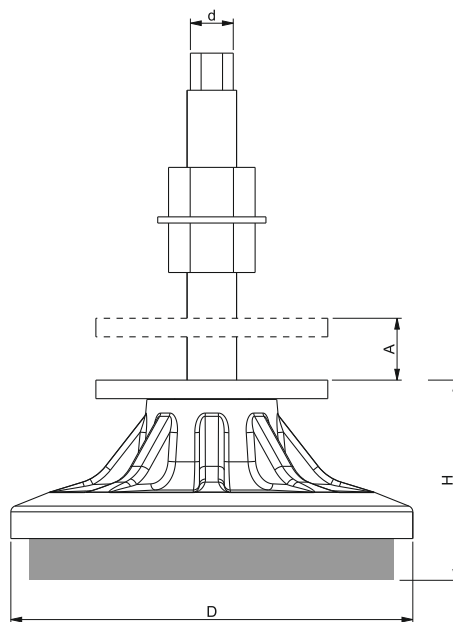
AMT SMH series anti vibration mounts with special top setting arrangement for easy leveling adjustment standard for compact & high load capacity machine mounts. Quick & easy install, SMH series mounts are preferred solution for all CNC, VMC, VTL & plastic machines. With high level of height adjustment capability, one can avoid traditional installation of machines with anchoring.

Application

- General purpose machine mounts for all machine tools & plastic industries.

Advantages

- Quick to install. Reduce installation cost & time.
- No special foundation required.
- Extended height adjustment allows better & accurate machine leveling
- Nonskid anti vibration insulation pads with high resistance to machine coolant & oil.
- Extended machine life.



Description	UOM	Product Code		
		AMT-SMH1	AMT-SMH2	AMT-SMH3
Diameter (D)	mm	130	170	200
Height (H)	mm	95	95	95
Stud Size (d)	mm	M12 x 100	M16 X 100	M16 X 100
Adjustment (A)	mm	10	22	25
Min / Max Load per mount	kg	50 – 500	200 – 1100	800 – 2100

The AMT ML series leveling mounts are well equipped for many applications. These economical mounts provide fast, easy, and precise leveling.

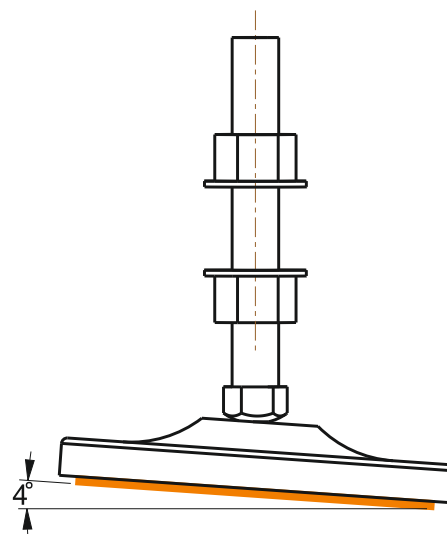
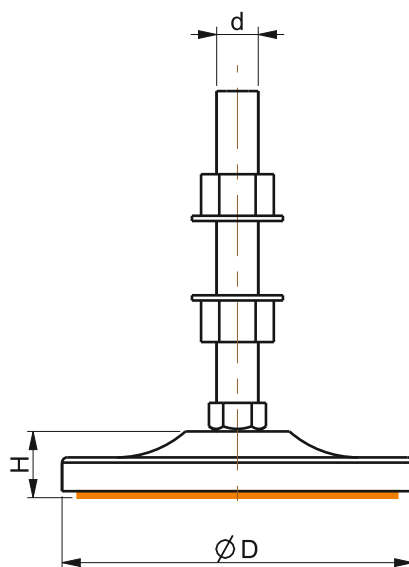
The unique design of connecting leveler and levelling stud is can automatically compensate ground unevenness of up to 4°. The anchor-free setup and the simple levelling with great levelling range guarantee maximum flexibility of your machinery

Application

- Drilling, Milling and Lathe machines
- Production conveyors
- Packaging filling machines
- Automated assembly equipment
- Material handling equipment's
- Electrical equipment and displays
- Equipment benches
- Wood working machines

Advantages

- Fast, easy and economical levelling can be achieved.
- Good for compensating floor unevenness.
- High durability.



Description	UOM	Product Code		
		AMT-ML1	AMT-ML2	AMT-ML3
Diameter (D)	mm	85	135	175
Height (H)	mm	19.5	25	26
Stud Size (d)	mm	M12 X 1.75 X 100	M16 X 1.5 X 120	M20 X 1.5 X 150
Max Load per mount	kg	650	1650	3000



AMT NEOPRENE MOUNT, SERIES N

AMT Series N neoprene mounts allow excellent attenuation of medium to high frequency vibration and noise generated from a wide range of motor driven machines particularly axial and centrifugal fans.

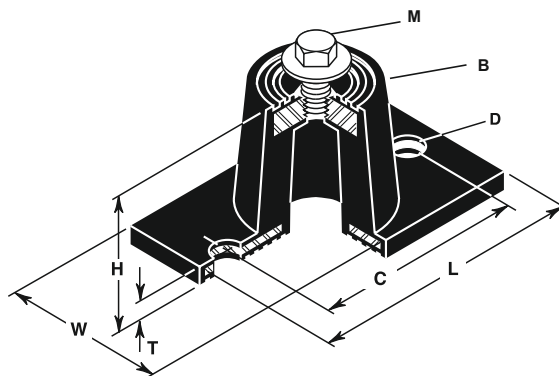
Series N mounts are used to isolate a wide range of equipment and can be bolted to equipment mounting holes with the supplied cap screw and washer. However it is not necessary to bolt these mountings to the floor on most installations. They can be used under flat bases that have no bolt holes in much the same manner as rubber pads. The mounting may be inverted so that the rectangular rubber covered steel base plate provides support over a large area.

Application

- Test rigs and special purpose machines
- Rotary and multi cylinder compressors
- Refrigeration plant and chillers
- Paper and printing machinery
- Axial and centrifugal fans
- Pumps and motors
- Air handling units
- Gen-Sets
- Mills

Advantages

- Economical, Quick and easy to install.
- Reduce machine maintenance and cost.
- Prevents noise and high frequency vibrations.
- Neoprene covering prevents corrosion of steel parts.
- Suitable as shock isolators for both active & passive vibrations.
- Bottom friction surface makes bolting not necessary in most installations.



Description	UOM	Product Code						
		AMT N-A30	AMT N-A50	AMT N-A60	AMT N-A70	AMT N-B70	AMT N-C50	AMT N-C70
Min / Max Load per mount	kg	10-30	20-70	90-350	120-550	200-700	200-1000	500-2200
Max Static Deflection	mm	7		13		13	8	
Dimensional Data								
L x W x H	mm	80 X 45 X 40		140 X 85 X 70		165 X 100 X 75	190 X 130 X 65	
C	mm	60		105		127	155	
T	mm	6		7		7	7	
D	mm	10		14		14	14	
B	mm	40		65		76	110	
M	mm	M8		M12		M12	M16	



AMT CUSHY FOOT MOUNT, SERIES C

AMT C series cushy foot mounts employ the well proven inclined rubber element design to achieve much higher deflections compared to simple rubber in compression devices and therefore superior isolation of low frequency vibration.

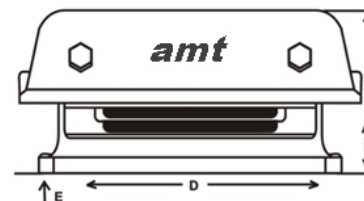
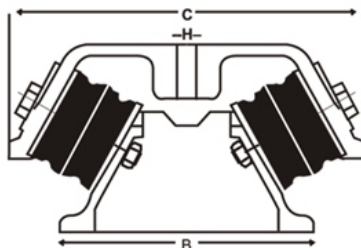
These mounts consists of two rubber sandwich pieces housed in specially designed robust iron casting. The mountings are protected against oil, physical & mechanical damages. AMT Cushy Foot Mounts give insulation against transverse, vertical and longitudinal stiffness, vibration & reduces transmission of vibrations, structure borne noise & shock from a wide range of rotating and reciprocating machineries. These mounts have very low natural frequencies and possess good lateral stability.

Application

- Diesel Generating Sets
- Engine Test Beds
- Lift Motor Gear
- Chillers and Cooling Towers
- Large Fans and AHU's
- Pumps and Compressors
- Vibrating Screens and Hoppers
- Paper and Printing Machines
- Food Processing Machines
- Blowers

Advantages

- Rubber to metal bonded rectangular elements inclined to achieve maximum load and deflection using a combination of compression and shear loading.
- High strength cast iron castings.
- Rubber sandwich elements are effectively protected by the top casting and its extended skirt.
- Two different horizontal stiffness axis enable optimum system characteristics & vibration isolation to be achieved using careful orientation of the mounting.



Product Code	Max Load / Mount (kg)	Dimensions (mm)					
		A	B	C	D	E	H
AMT-C-A1	100	75	82	132	90	12.5	M12
AMT-C-A2	160						
AMT-C-A3	250						
AMT-C-B1	400	105	145	205	160	18	M16
AMT-C-B2	800						
AMT-C-B3	1200						
AMT-C-B4	1600						

AMT MF series machine leveller is a one stop solution for precise yet cost efficient installation of heavy machinery and equipment. They are available in two basic designs: **bolt-through** and **bolt-on**. The "bolt-through" design has a clearance hole for an anchor bolt to securely anchor machines to the floor or foundation. The "bolt-on" design comes with fasteners and is designed for free-standing installations.

MF series machine leveller is based on double wedge principle. Both wedges move towards or away from the loading center symmetrically. Equalizing these forces around the center results in an absolute rigid and stable anchoring system. As there is equal load distribution through two lifting wedges, the force required to raise or lower a machine is reduced considerably, resulting in effortless and precision leveling.

Application

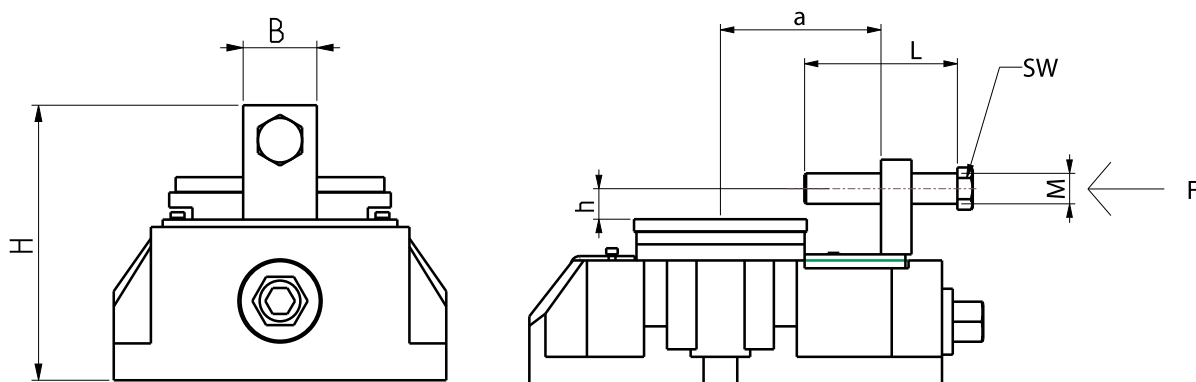
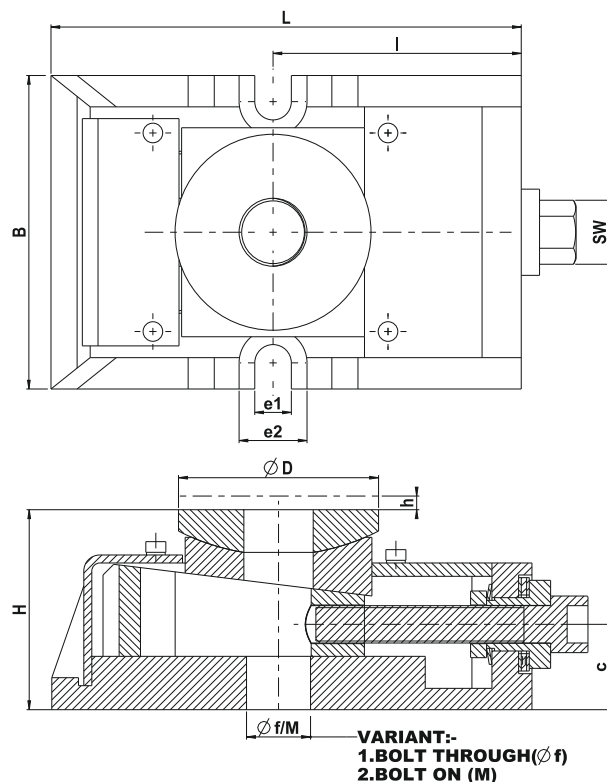
- Heavy machine tools for processing crankshafts and camshafts or rollers
- Boring machines, gear testing machines, horizontal and critical machining centers
- Surface grinding and laser cutting machines
- Die-casting and plastic injection molding machines
- Punching and press machines
- Turbine and compressors
- Printing machines

Advantages

- Precise and accurate machine positioning and leveling.
- Considerable reduction in machine maintenance cost.
- Machine accuracy maintained for longer duration.
- Reduced installation time thanks to effortless and precise leveling.
- No horizontal machine movement.
- No special foundation required.
- Sufficient adjustment height.



Description	UOM	Product Code		
		AMT-MF1	AMT-MF2	AMT-MF3
Max load per mount	kg	2000	4000	5500
Dimensional Data				
Length x Width x Height (LxBxH)	mm	180x120x75	220x145x95	270x180x110
Height adjustment (h)	mm	5	6	7
Bolt through size (øf)	mm	24	28	37
Bolt on size (M)	mm	M20	M24	M30
Adjustment screw hex head (SW)	mm	22	27	27
Resting Diameter (D)	mm	75	92	113
c	mm	32	34	43
l	mm	95	122	145
e1	mm	14	18	22
e2	mm	26	32	39



Lateral adjuster for adjusting machine location

Description	UOM	Product Code		
		MF - 1	MF - 2	MF - 3
Dimensional Data of Lateral adjuster				
Stud Size (M)	mm	M 16 X 1.5	M 16 X 1.5	M 20 X 1.5
L	mm	60	80	100
SW	mm	24	24	30
H	mm	102	122	150
B	mm	30	30	40
a	mm	67	90	105
h	mm	12	12	20
Force (F)	N	25	30	40



AMT MACHINE LEVELLER, SERIES MU

AMT machine leveller, series MU is a one stop solution for precise yet cost efficient installation of heavy machinery and equipment.

A key design element is the central slot, which allows for installation after grouting bolts are secured to the foundation. Large supporting surface and high levelling adjustment is available.

As there is equal load distribution through two lifting wedges, the force required to raise or lower a machine is reduced considerably, resulting in effortless and precision levelling

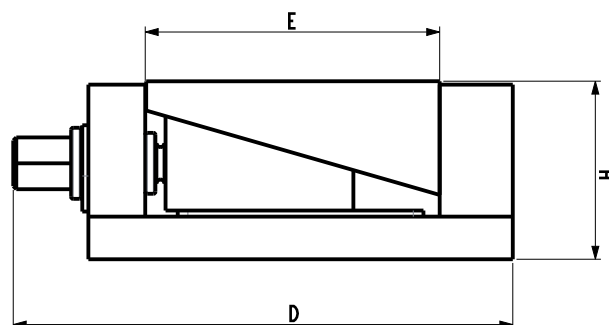
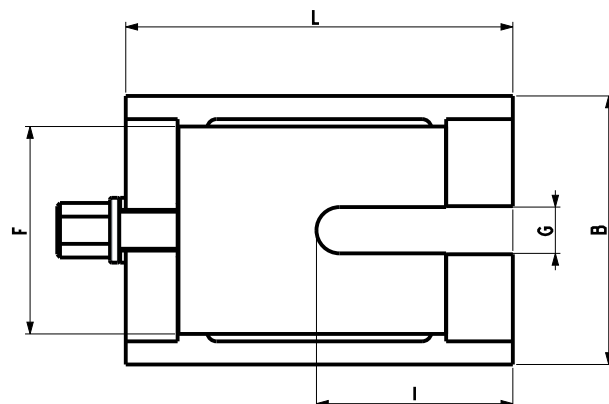
Application

Heavy machine tools for processing crankshafts and camshafts or rollers

- Boring machines, gear testing machines, horizontal and critical machining centres
- Surface grinding and laser cutting machines
- Die-casting and plastic injection moulding machines
- Punching and press machines
- Turbine and compressors
- Printing machines

Advantages

- Offers high accuracy.
- Reduces installation work cost.
- Can be fixed using an anchor bolt.
- Offers the best rigidity.
- Easy installation.
- Most suitable for installing machines such as milling machines, radial drilling machines, planers and surface plates.



Description	UOM	Product Code
		AMT - MU1
Max load per mount	kg	7800
Dimensional Data		
U slot size	mm	M24
Length x width x height (LxBxH)	mm	209 x 145 x 86
Adjustment stroke	mm	11
Resting dimension (ExF)	mm	145 x 112
Slot diameter (G)	mm	25
Slot length (I)	mm	102
Overall length (D)	mm	246

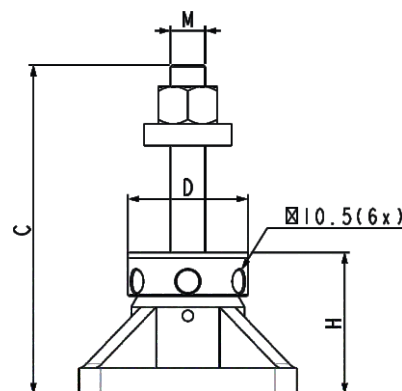
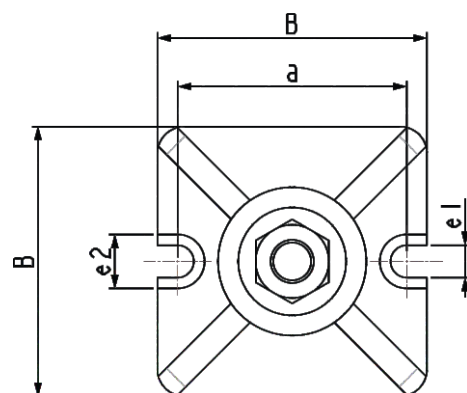
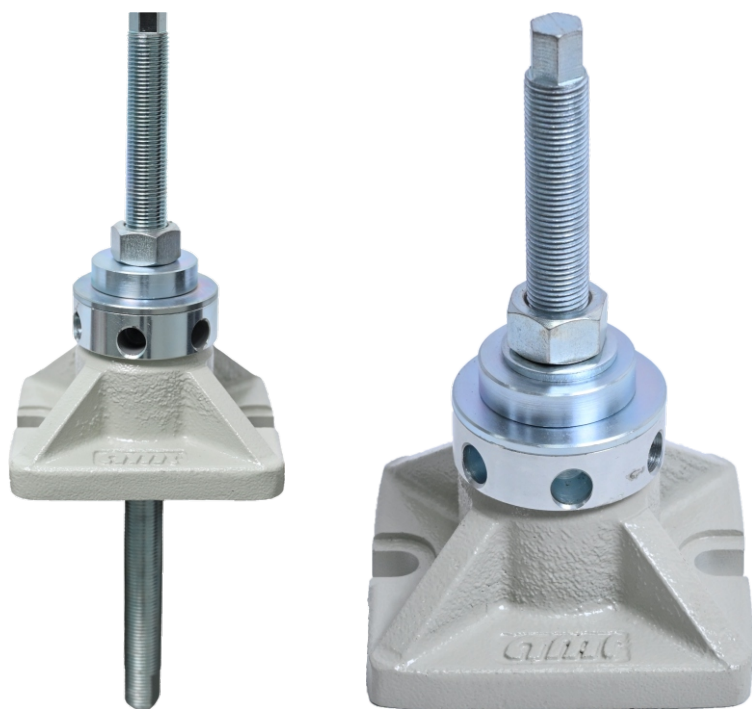
The AMT Levellers series MJS perform effectively, particularly with simple machines and supplementary aggregates. Their extensive setting range allows for versatile applications. Typical uses for the MJS series include supplementary aggregates like palette tables, tool changers, or supply units. In addition to their robust construction and extended setting range, the MJS series offers a variety of mounting options. They can be attached by screwing on or through, or even welded. Due to their compact design, these AMT Leveller Series MJS are highly cost-effective.

Application

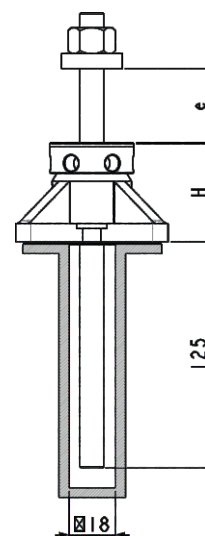
- Tool changers
- Automated assembly equipment's

Advantages

- Precise and accurate machine positioning and levelling
- Sufficient adjustment height
- Compact design
- Machine accuracy maintained for longer duration.



Bolt On



Bolt Through

Description	UOM	Product Code
		AMT-MJS 1
Max load per mount	kg	2500
Dimensional Data		
Stud Size (M)	mm	M16 x 1.5
Length x width x Height (LxBxH)	mm	100 x 100 x 65
Adjustment stroke	mm	30
Resting Dimension (ExF)	mm	55
a	mm	85
e1	mm	12
e2	mm	23

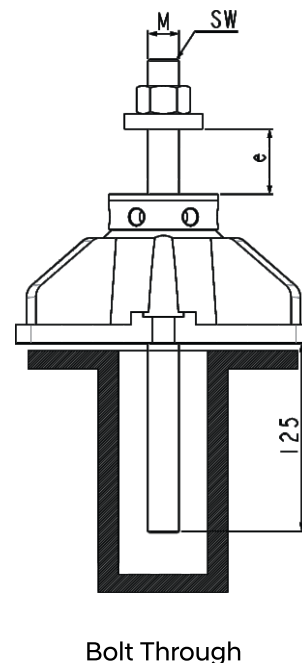
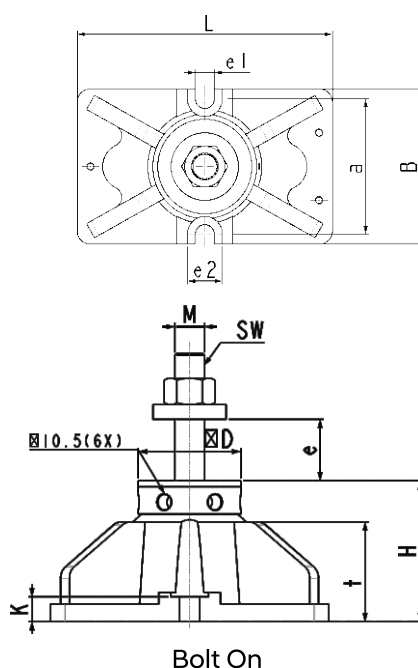
The series MJR has been specifically designed for machines equipped with larger tables, as alignment from the side is often not feasible with most of these machines. The levelling elements are accessible solely from the top. Consequently, the series MJR allows for adjustments from above, which can be performed using the fixing screw. The Series MJR offers a commendable setting range. The AMT Machine leveller series MJR is user-friendly and allows for precise adjustments. The time required for alignment will be significantly reduced. Should the machines require re-adjustment due to foundation shifting or shrinkage, this can be accomplished quickly and easily. With its accessories and anchoring methods, the Series MJR accommodates a broad spectrum of applications.

Application

- Heavy machine tools for processing crankshafts and camshafts or rollers
- Boring machines, gear testing machines, horizontal and critical machining centers
- Surface grinding and laser cutting machines
- Die-casting and plastic injection molding machines

Advantages

- Precise and accurate machine positioning and levelling
- Sufficient adjustment height
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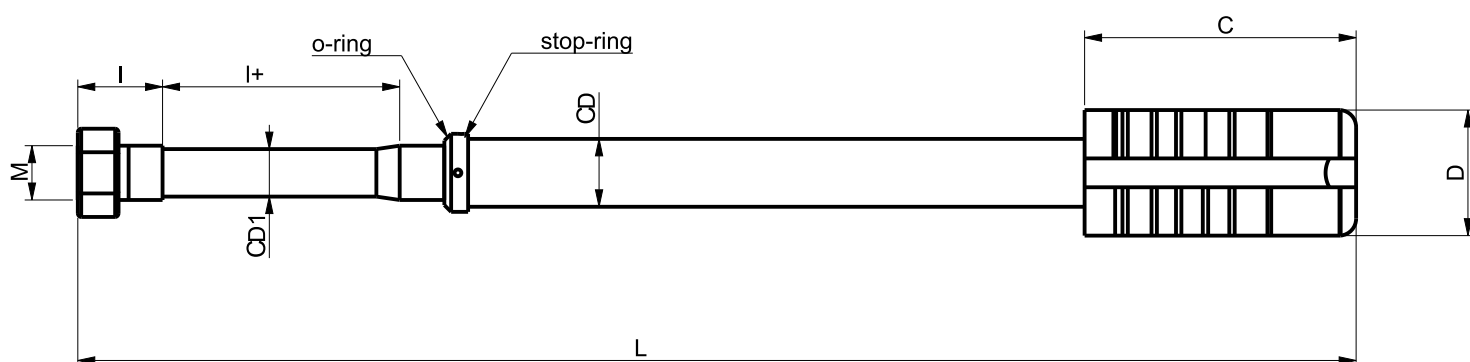


Description	UOM	Product Code	
		AMT - MJR 1	AMT - MJR 2
Max Load per mount	kg	2000	4000
Dimensional Data			
Stud Size (M)	mm	M20 x 1.5	M24 x 1.5
Length x width x Height (LxBxH)	mm	190 x 115 x 96	220 x 140 x 113
Adjustment (e)	mm	40	70
Resting Diameter(D)	mm	70	80
t	mm	73	90
a	mm	100	120
e 1	mm	14	18
e 2	mm	26	32

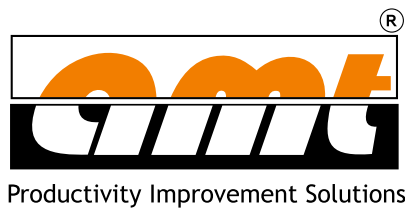


ANCHOR BOLT

AMT Anchor bolt are designed to use with the AMT leveler series. This type of anchor bolt is used to secure industrial machinery to the floor or foundations, ensuring stability and precise levelling.



Description	UOM	Product Code	
		ANB - M 20	ANB - M 24
Dimensional Data			
Stud Size (M)	mm	M20	M24
L	mm	400	500
D	mm	43	50
C	mm	85	125
I	mm	50	65
I +	mm	90	100
CD	mm	19	24
CD1	N	16	19
Stop ring	mm	30 x 20.5 x 12	35 x 24.5 x 14
O ring	mm	20x5	24x5
Max Force	KN	81	115



Manufactured By

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