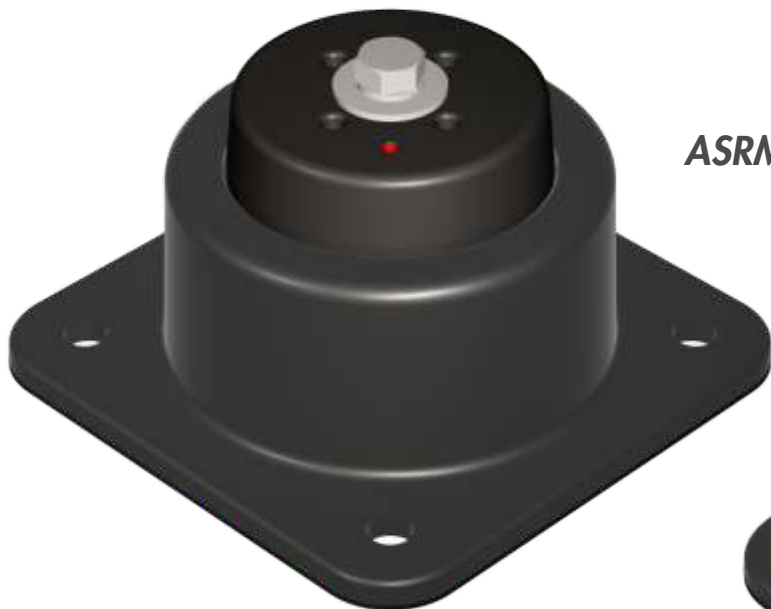




## Seismic Rubber Mounts



*ASRM - ADJUSTABLE SEISMIC RUBBER MOUNT*



**PATENTED DESIGNS!**



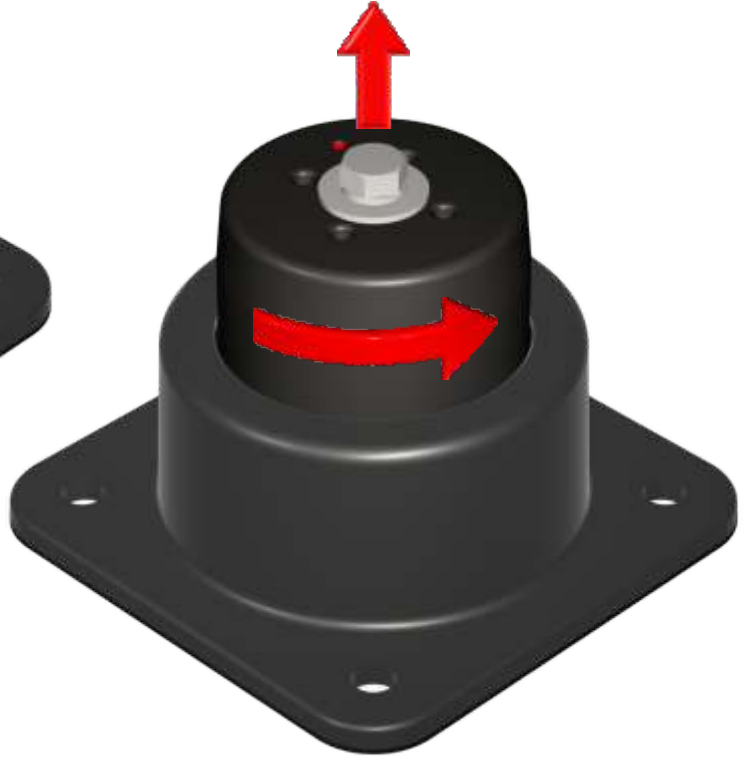
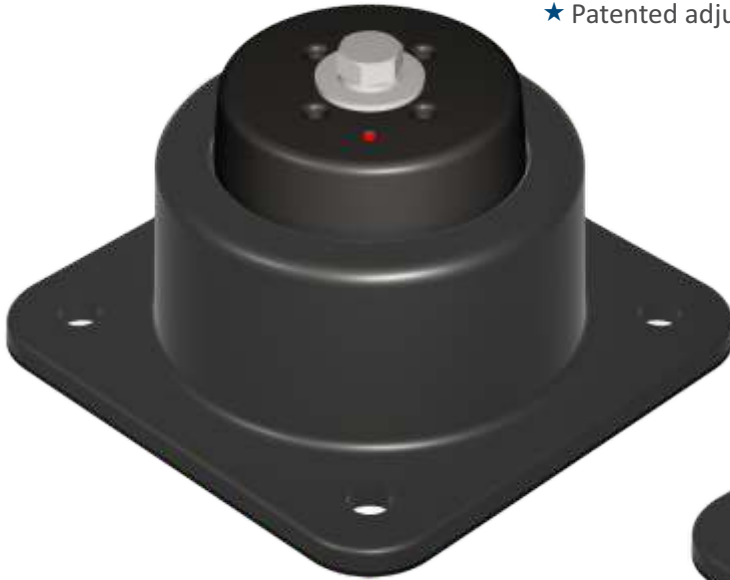
*TSRMU - TENSION SEISMIC RUBBER MOUNT*





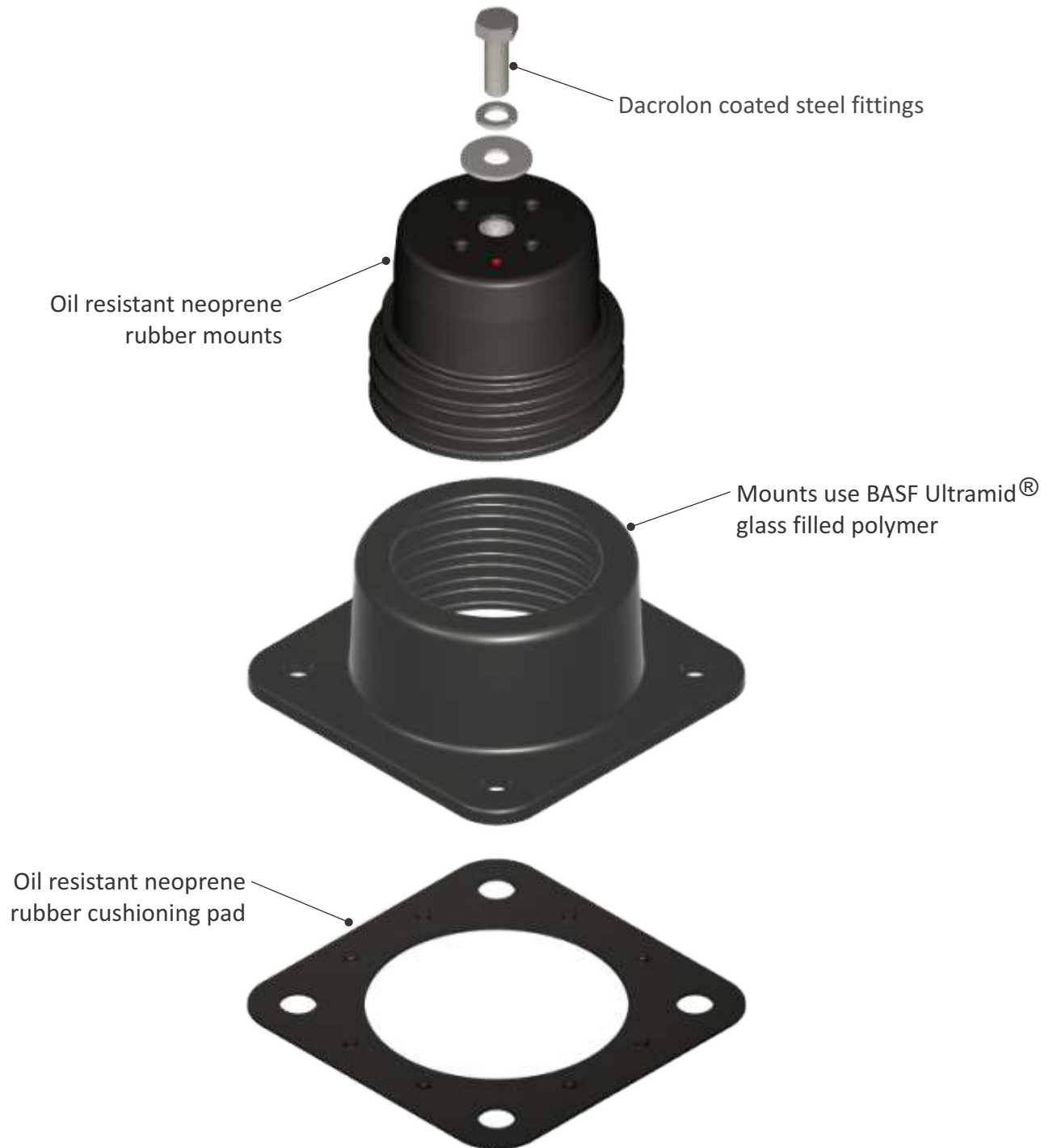
# Adjustable Seismic Rubber Mounts

★ Patented adjustable height design



- ★ Designed to suit requirements of AS 1170.4 *Structural design actions Part 4: Earthquake actions in Australia*, NZS 4219:2009 *Seismic performance of engineering systems in buildings* and other international seismic standards
- ★ Tested using AS 60068.3.3:2003 *Environmental testing - Guidance: Seismic test methods for equipments*
- ★ For full report on seismic testing refer Test Report C160607-RP-01\_RevB
- ★ 4 sizes and multiple rubber duro in each size to suit many applications
- ★ Patents PCT/AU2016/000062 and 2016902567 apply

★ Patented fixing method to channel strut for the ASRMU40





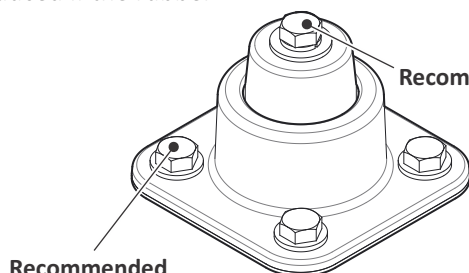
# Adjustable Seismic Rubber Mounts

- Ensure mounts are inspected at regular intervals as required by good building maintenance practices.
- Rated capacity test data provided by NATA accredited test laboratory.
- NOTE: Static deflection is defined in the fully extended position. Static deflection will be reduced if the rubber mount is not extended.

COMPRESSION	TENSION	SHEAR	DURO	COLOUR
			40A	RED
			55A	YELLOW
			70A	NONE

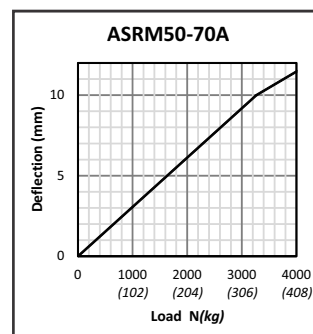
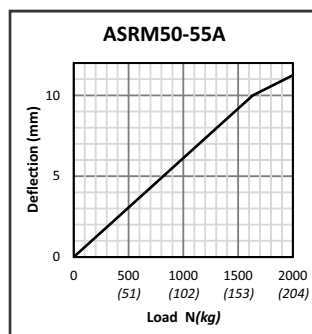
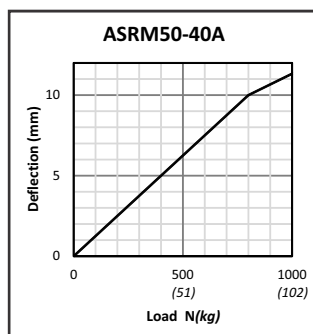
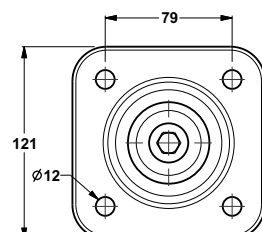
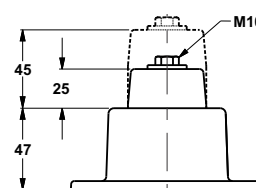
## Model: ASRM50

DURO	RATED CAPACITY		
	COMPRESSION N (kg)	TENSION N (kg)	SHEAR N (kg)
40A	1000 (102)	500 (51)	250 (25)
55A	2000 (204)	900 (92)	450 (46)
70A	4000 (408)	1200 (122)	600 (61)



Recommended Torque - 10-12Nm

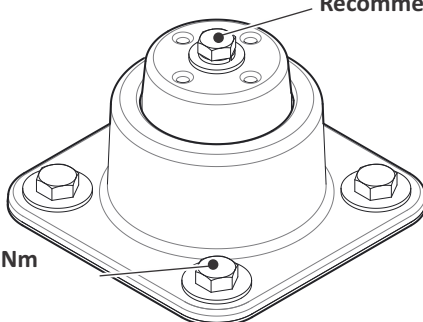
Recommended Torque - 3-4Nm



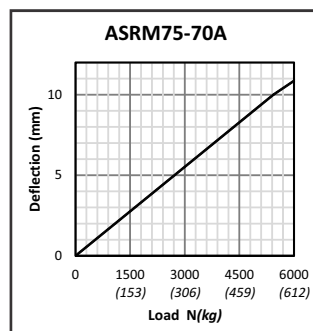
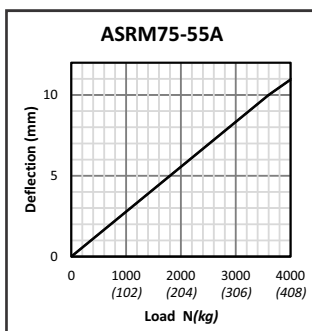
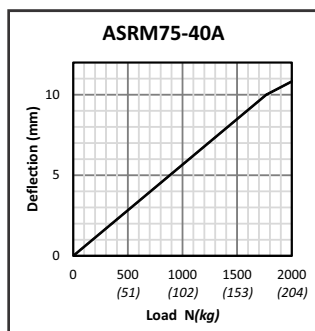
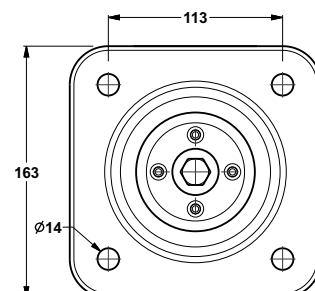
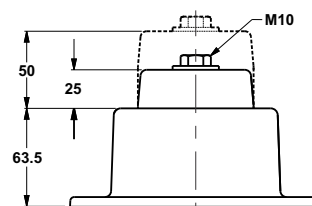
## Model: ASRM75

DURO	RATED CAPACITY		
	COMPRESSION N (kg)	TENSION N (kg)	SHEAR N (kg)
40A	2000 (204)	1000 (102)	450 (46)
55A	4000 (408)	1500 (153)	650 (66)
70A	6000 (612)	2000 (204)	1100 (112)

Recommended Torque - 10-12Nm

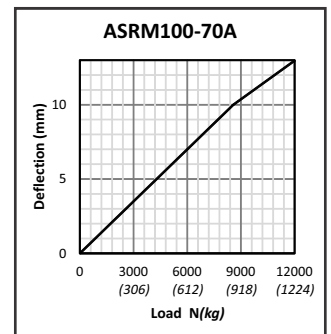
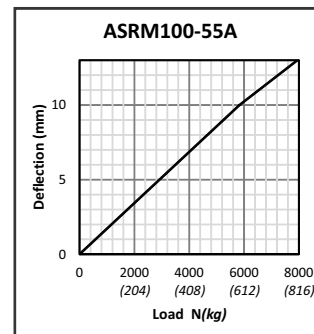
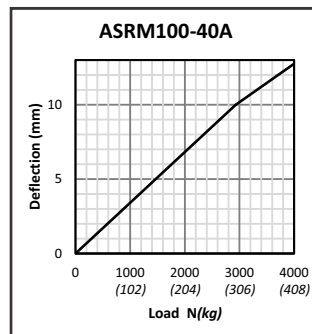
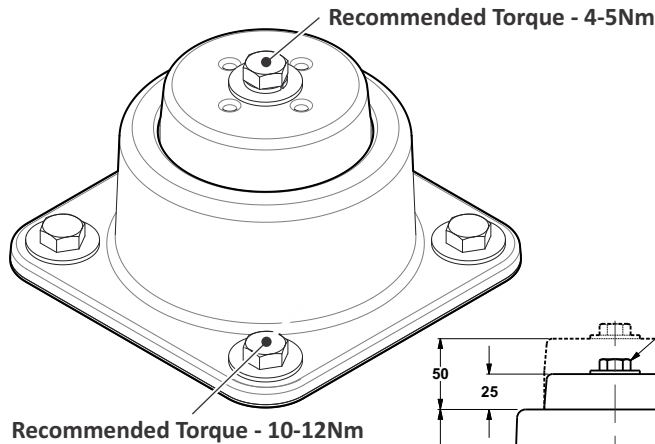


Recommended Torque - 3-4Nm



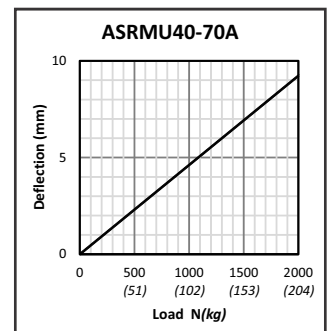
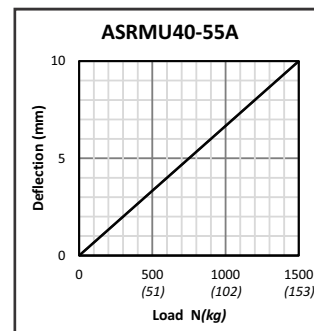
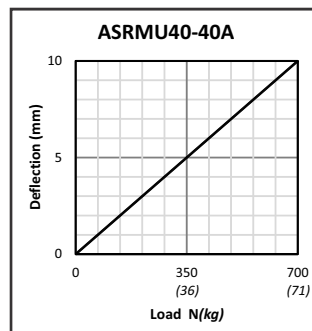
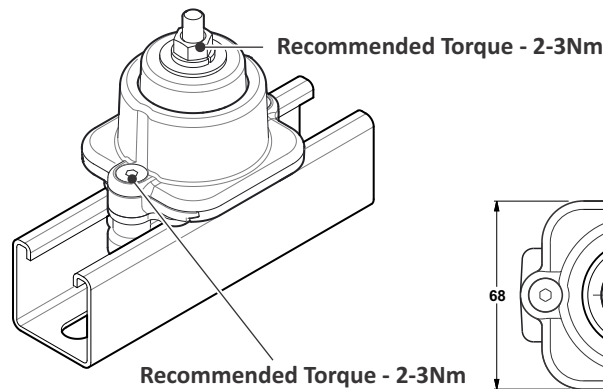
## Model: ASRM100

DURO	RATED CAPACITY		
	COMPRESSION N (kg)	TENSION N (kg)	SHEAR N (kg)
40A	4000 (408)	1500 (153)	800 (82)
55A	8000 (816)	2500 (255)	1300 (133)
70A	12000 (1224)	4000 (408)	2100 (214)



## Model: ASRMU40

DURO	RATED CAPACITY		
	COMPRESSION N (kg)	TENSION N (kg)	SHEAR N (kg)
40A	700 (71)	130 (13)	110 (11)
55A	1500 (153)	200 (20)	170 (17)
70A	2000 (204)	350 (36)	230 (23)

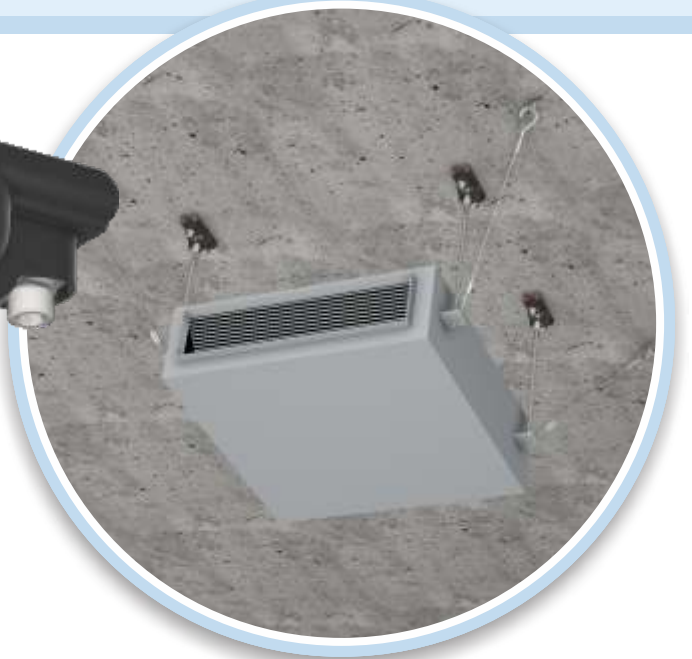


Super Mount strive to implement continuous product improvement, therefore specifications are subject to change without notice.

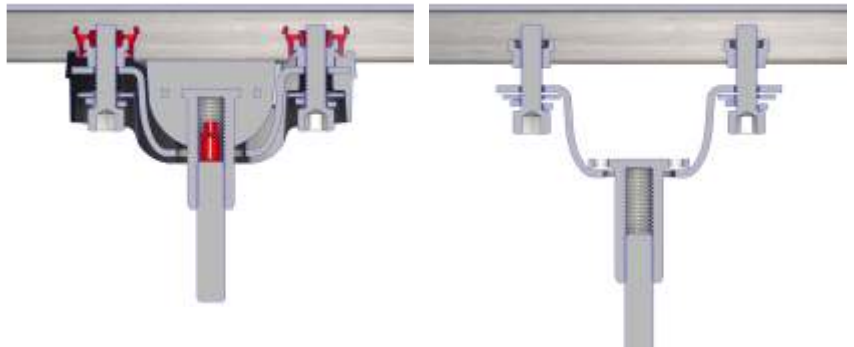


# Tension Seismic Rubber Mounts

- ★ Designed for suspension of equipment from the ceiling using threaded rod and standard U-channel strut.
- ★ One complete assembly - requires no installer assembly therefore less prone to erroneous installation.
- ★ Rubber isolation is fully encapsulated in the mount therefore much better suited to vertical component of seismic shaking.
- ★ Designed in Australia to suit requirements of *AS 1170.4 Structural design actions Part 4: Earthquake actions in Australia*, *NZS 4219:2009 Seismic performance of engineering systems in buildings* and other international seismic standards.
- ★ Tested using *IEC 60068.3.3:2019 Environmental testing Part 3-3: Supporting documentation and guidance - Seismic test methods for equipment*.
- ★ Rated capacity seismic test data provided by EngTest (University of Adelaide). Refer Test Report C201003-RP-01.
- ★ Mounts use BASF Ultramid® glass filled polymer, oil resistant neoprene rubber mounts and all metal fixings are Dacrolon coated.
- ★ Patent PCT54976 applies.



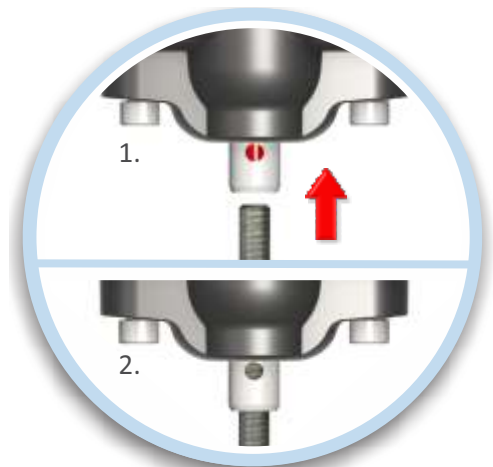
- ★ Fire safe - if rubber & polymer elements melt or burn away, internal metal components ensure the suspended equipment remains fully retained



- ★ Quick fit to U-channel allows mount position to be fine-tuned before final fixing

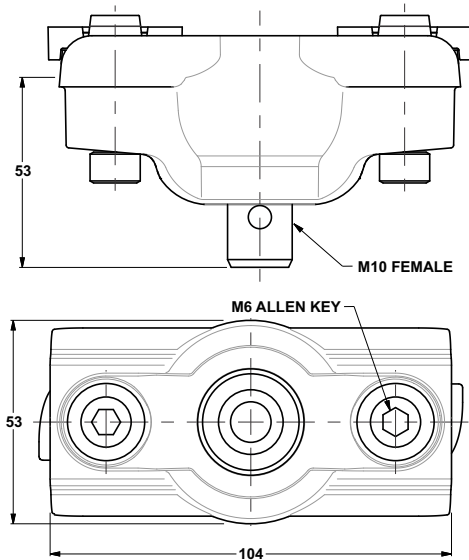


- ★ Indicator to check correct fitment of the mount to the U-channel

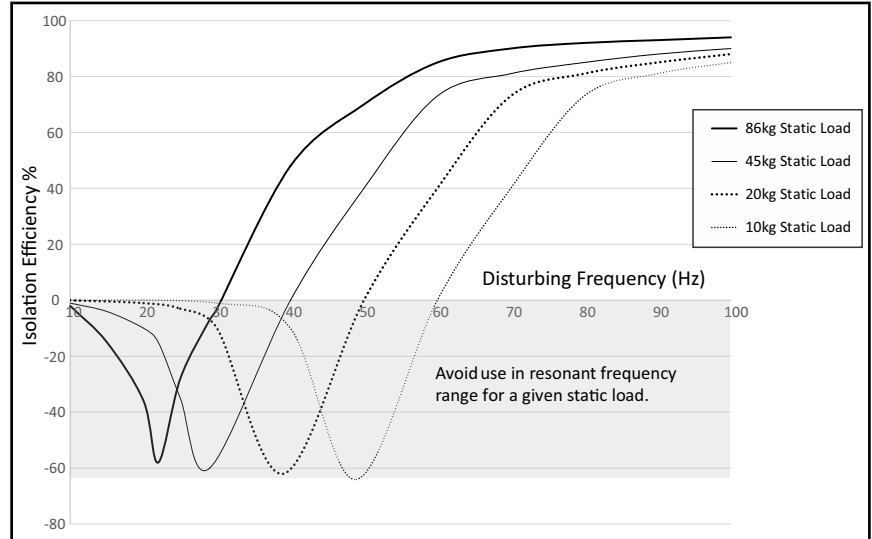


- ★ Indicator to ensure correct amount of engagement of threaded rod

## Model: TSRMU40



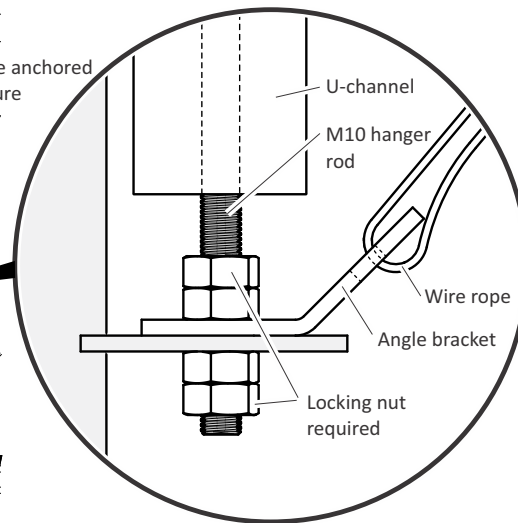
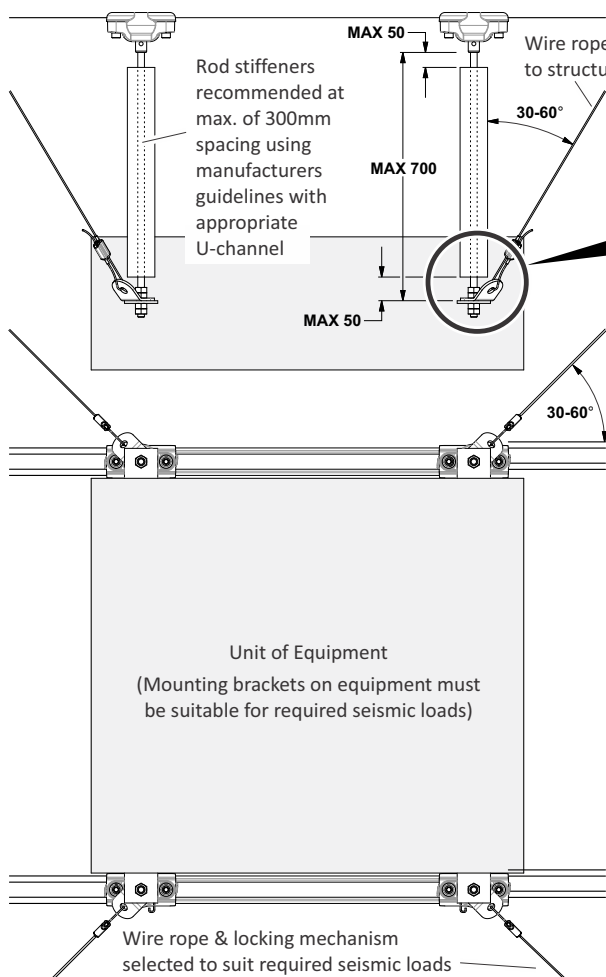
## ISOLATION EFFICIENCY CHART



For full report on Isolation Efficiency, refer Test Report C220104-RP-01

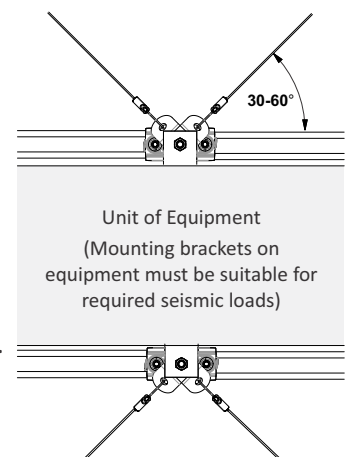
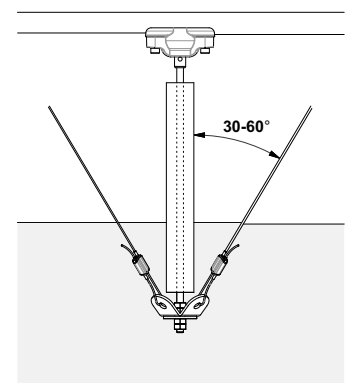
### FOUR MOUNT INSTALLATION

Max. Equipment Load = **160kg** for Zone 4 requirement as per IEC 60068.3.3-2019



### TWO MOUNT INSTALLATION

Max. Equipment Load = **80kg** for Zone 4 requirement as per IEC 60068.3.3-2019



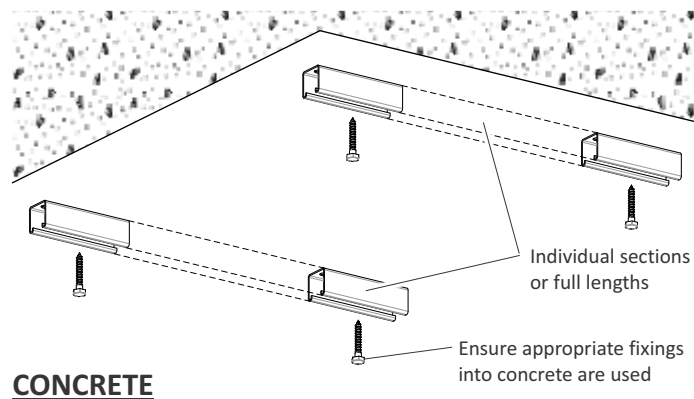
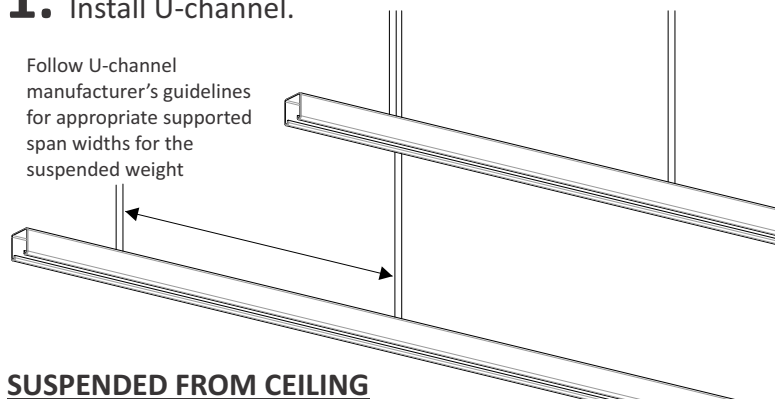
### Recommended Hanger Rod Dimensions

- Maximum of 700mm threaded rod between the bottom of the mount interface and the equipment mounting brackets.
- Maximum of 50mm between the suspended mass bottom of the U-channel and the equipment mounting brackets.
- Maximum of 50mm between the mount interface and the top of the U-channel.
- Maximum of 300mm between rod stiffeners.
- No U-channel and rod stiffeners required for threaded rod lengths less than 300mm.

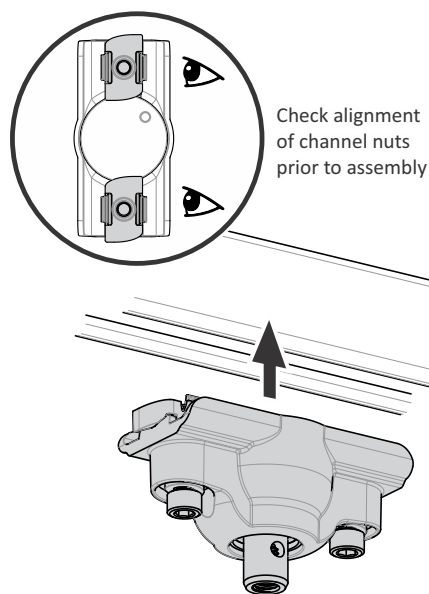
## INSTALLATION GUIDE

### 1. Install U-channel.

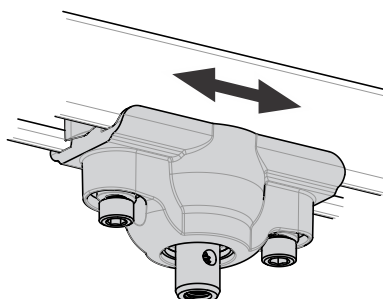
Follow U-channel manufacturer's guidelines for appropriate supported span widths for the suspended weight



### 2. Clip mount to U-channel.

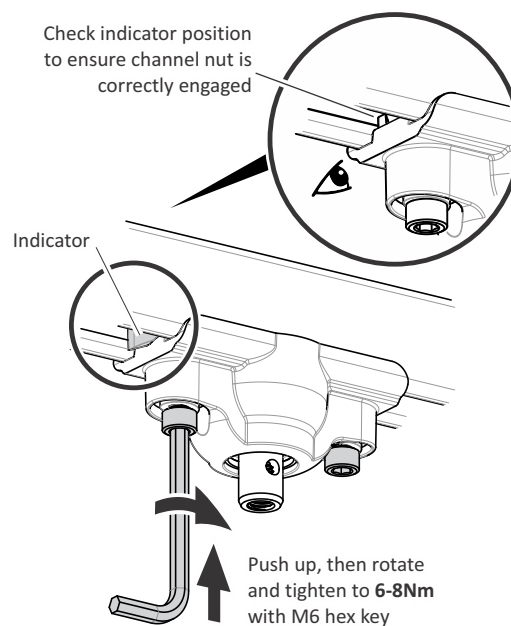


### 3. Slide to adjust position.

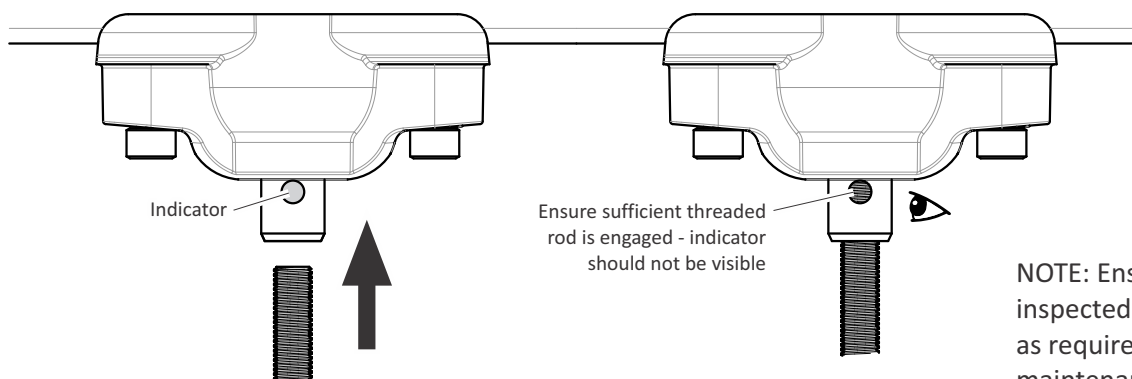


### 4. Tighten bolts to fix position.

Check indicator position to ensure channel nut is correctly engaged



### 5. Attach threaded rod.



**NOTE:** Ensure mounts are inspected at regular intervals as required by good building maintenance practices.