Hybrid Mat

TSM Series

No.1 vibrational absorption in industry.



Spring constant

N/mm(kgf/mm)

(7.1)

(29)

35.3 (3.6)

69.6

137 (14)

422 (43)

559 (57)

843 (86)

Туре

TSM-25

TSM-50

TSM-100

TSM-200

TSM-300

TSM-400

Benefit

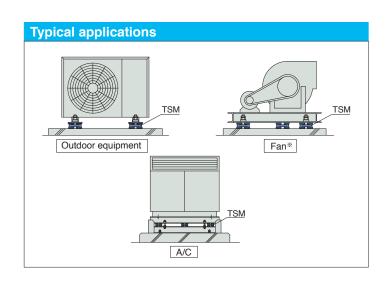
- Easy construction
- Vibration proof device made of rubber and spring
- Thin design and high performance

Feature

- Compact/thin design with excellent vibration isolating performance.
- Both rubber and metal springs are used that brings great vibrational absorption effects.
- Weather resistance rubber is suitable for outdoor use

Applications

Used as supporting device of vibration proof for pump, A/C, fan, electric motor, compressor, horizontal piping, fan coil unit, package A/C. (*Some fans may not be applied because of its specifications)



Load range of usage

N (kgf)

108~245 (11~25)

216~490 (22~50)

1324~2942 (135~300)

1765~3923 (180~400)

 $(45\sim100)$

(90~200)

441~981

883~1961

Natural frequency

Hz

9.0~6.0

9.0~5.9

8.8~5.9

8.9~6.0

8.9~6.0

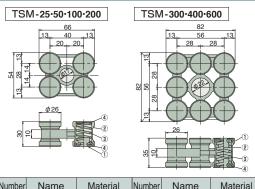
8.9~5.9

on10.9More than)

Overall length(L)

220mm

Structure and dimension

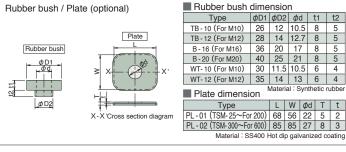


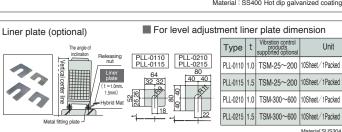
Number	Name	Material	Number	Name	Material
1	Сар	Synthetic rubber	3	Spring	Hard steel wire
2	Rubber itself	Synthetic rubber	4	Metal fittings	SS400

★ It is recommended that median usage load range should be considered when you choose the product. When using around the

→ The product is the product of the product of the product of the product is the product of the product maximum value in capable usage load range, the product may look shrink. In this case, the product performance is perfectly

2	Rubber itself	Synthetic rubber	4	Metal fittings	SS400					
Please be considered to allocate vibration control device such as safety device against overturning										





Attachment bolt for pedestal Dimension High-strength bolt (optional) Type Bolt diameter Overall length(L) Attachment bolt for pedestal foundation (HBS) Chemical anchor bolt for concrete foundation (KBS) HBS-16 Material:SCM435(ength cla Stud bolt for chemical Chemical anchor bolt Dimension Type KBS-12 ion type) M12

Handling instructions

- Please note that the product must be avoided adhesion such as strong acid, strong alkali, organic solvent, fat and oil.
- Please be sure to attach the device with equable loading to compression direction
- Please make sure to use the device within a given load range.
- The product must be protected from spark like welding.

This brochure may be revised without prior notice. We apologize in advance for any inconvenience this may cause.

TOZEN Corporation



KBS-16

erial:SNB7

M16