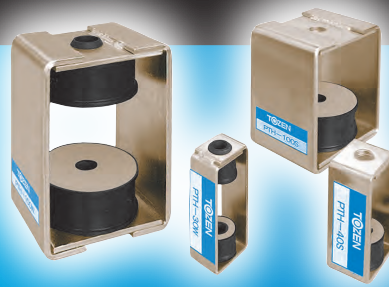


Rubber Vibration Isolation Hanger

PTH series

Vibration control for plumbing, duct, ceiling equipment.



Benefit

- Combination of rubber and case
- Excellent vibration isolating performance
- Wide range of sizes

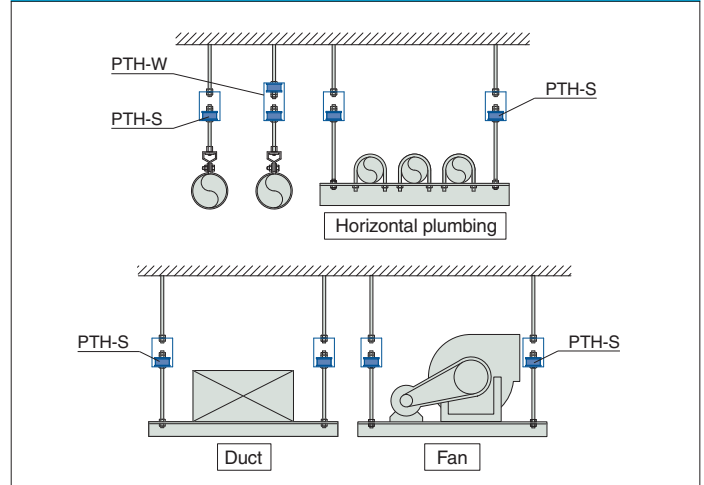
Feature

- Great load bearing quality. With a wide range of sizes, it can support most of the loads
- With pre-setup of rubber and case makes installation easier
- Double nut attachable specified by the Ordinance of the Ministry of Land, Infrastructure, Transport and Tourism (MLIT).
- Available in Single and Double type, depends on your selection

Intended Purpose

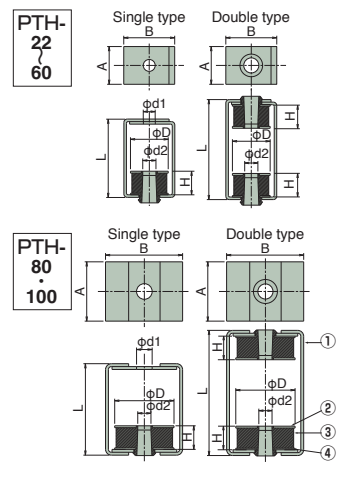
Used as vibration proof rubber for suspension supporting of facility equipment with followings:
horizontal plumbing, duct, fan, fan coiled unit, package A/C, line pump.

Typical applications



Structure and dimension

Type	Dimension (mm)							The maximum bolt diameter	Static spring constant N/mm (kgf/mm)	Load range of usage N (kgf)	Natural frequency Hz
	A	B	L	φd1	φd2	φD	H				
PTH-22S	22	34	85	11	10.5	22	25	M10 (W ^{3/8})	35 (3.6)	69~147 (7~15)	13~8.8
PTH-22W			110	-					18 (1.8)		
PTH-30S	30	44	90	11	12	30	21		137 (14)	98~441 (10~45)	21~10
PTH-30W			110	-					69 (7.0)		
PTH-40S	40	55	105	15	14	40	25		216 (22)	294~883 (30~90)	15~8.9
PTH-40W			130	-					108 (11)		
PTH-50S	50	66	105	15	14	50	23		490 (50)	686~1765 (70~180)	15~9.5
PTH-50W			130	-					245 (25)		
PTH-60S	60	76	110	15	14	60	28		647 (66)	1373~2746 (140~280)	12~8.7
PTH-60W			140	-					324 (33)		
PTH-80S	80	100	130	18	16	80	40	785 (80)	2157~4903 (220~500)	11~7.2	
PTH-80W			170	-				392 (40)			7.7~5.1
PTH-100S	100	130	160	20	20	100	45	1157 (118)	3923~8336 (400~850)	9.8~6.7	
PTH-100W			205	-				579 (59)			6.9~4.7
PTH-100hS	100	130	160	20	20	100	45	1863 (190)	6865~12749 (700~1300)	9.4~6.9	
PTH-100hW			205	-				932 (95)			6.6~4.9



Number	Name	Material
①	Hunger	SS400
②	The upper side of metal fittings	SS400
③	Rubber itself	Synthetic rubber
④	The lower side of metal fittings	SS400

- Bolt, nut and washer are not included.
- The metal component is covered by electrolytic zinc-coated

The single rubber

Model number	Model number
PTH-22	PTH-60
PTH-30	PTH-80
PTH-40	PTH-100
PTH-50	PTH-100h

Handling instructions

- The product has to be protected from any damage.
- Please note that the product must be avoided adhesion such as strong acid, strong alkali, organic solvent, fat and oil.
- Rubber needs to be attached as equalized loading toward the vertical and compression direction.
- Please make sure to use the device within a given load range.
- The product must be protected from spark like welding.
- The product must be attached with double nut.
- When supporting pipes, pulps, flange and the other weights need to be considered for calculation.
- Product should be chosen after calculating the load weight to the each hanging bolt when the multiple pipes are hung all together.
- The impact or excessive force could lead to release the parts from assembled product.

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

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