



NTEICO

PRODUCT CATALOGUE

SUPPORT SYSTEM SOLUTIONS

nteico.ae



Customizable Solutions

Choose your preferred variant from our detailed product sheets, or contact us for specially designed solutions. We specialize in fulfilling all your solution needs, so you never have to go anywhere else.



Thoroughly Tested

All NTEICO products are certified according to the relevant standards, and are rigorously tested for premium quality. We ensure you always get the best product possible.



International Exposure

NTEICO has maintained a healthy international presence throughout the years it has operated. We have been regular exhibitionists around the globe, building a loyal clientele everywhere we go.



Broad Portfolio

NTEICO has engineering solutions to meet all your construction needs. Just browse through our solutions to choose what suits you best and let us know how we can help you achieve excellence.

300+
PROJECTS

9
COUNTRIES

OUR VISION

To provide absolute support system solutions to our clients all across the world, fostering a business environment free from any sort of dependence on traditional suppliers.

OUR MISSION

To foster the business environment which we grow in by providing a portfolio of absolute pipe support solutions to all those who seek them, through our reliable staff and efficient processes.

OUR STORY

NTEICO can be traced back to humble beginnings when in 1989 the company started operating on a modest scale. NTEICO quickly established itself as a reliable provider of quality services in the fields of MEP service and operation, and maintenance contracts. The company continued to deliver excellence in the form of high-quality projects for various clients.

Since our inception, we have placed emphasis on operating while keeping our core values in mind. As we grow and evolve as a company, our core values remain the same and dictate our growth. NTEICO has never rested on its laurels. Staying true to its culture of growth and innovation, the company diversified its portfolio in 2005 when it started the production of Fire Hose Cabinets (FHC) by Red Box-NTEICO in Saudi Arabia. Through continuous study and development of the FHC, NTEICO was soon able to establish its very own FHC manufacturing plant in the country. By 2012, the company had started work on its manufacturing plant across the border, in the United Arab Emirates. This plant now specializes in the production of HVAC products, through the integration of state-of-the-art machinery and innovative processes.

With the help of the best Plasma Cutting, Duct and Roll Forming machines the market has to offer, NTEICO has established clientele all across the Middle East and the Gulf Region. NTEICO Duct Products are well accepted all across the Middle East and Africa.

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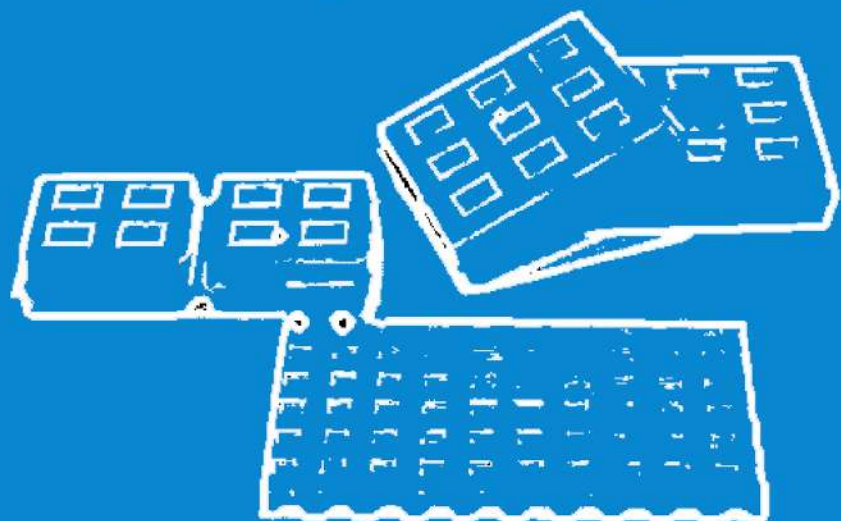
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E



SEISMIC & VIBRATION ISOLATORS



RIBBED MOUNTING PAD



- Can be used where the vibrating force is transmitted directly to ground or a vibrating force is very small compared to the absorption capacity of the structural slab at higher levels.
- Alternative higher and lower ribs to provide effective vibration isolation.
- Multiple Layers of pads can be used to increase deflection.
- Ease to install for site applications.

Model No	Size (Inches)	Rec Load (KGs)	Max Load (KGs)
NTAVP381818	3/8" X 18" X 18"	410	480
NTAVP381212	3/8" X 12" X 12"	275	310
NTAVP380808	3/8" X 8" X 8"	180	205
NTAVP380606	3/8" X 6" X 6"	135	150
NTAVP380404	3/8" X 4" X 4"	90	105
NTAVP380303	3/8" X 3" X 3"	65	75

METAL SANDWICH PAD



- Constructed out of a steel plate bonded between ribbed anti vibration pads.
- Designed to withstand heavy loads.

Model No	Size (Inches)	Rec Load (KGs)	Max Load (KGs)
NTAVMP11818	1" X 18" X 18"	2200	3300
NTAVMP11212	1" X 12" X 12"	1800	2700
NTAVMP10808	1" X 8" X 8"	1500	2250
NTAVMP340606	3/4" X 6" X 6"	1250	1875
NTAVMP340404	3/4" X 4" X 4"	750	1125
NTAVMP340303	3/4" X 3" X 3"	600	900

WAFFLE PAD



- Designed with in-built suction cups.
- Easy cut design without need for tools allowing greater job site flexibility. No need for bolting.
- Easy field installation.

Model No	Size (Inches)	Rec Load (KGs)	Max Load (KGs)
NTAVWP341818	3/4" X 18" X 18"	410	480
NTAVWP341812	3/4" X 12" X 12"	275	310
NTAVWP340808	3/4" X 8" X 8"	180	205
NTAVWP340606	3/4" X 6" X 6"	135	150
NTAVWP340404	3/4" X 4" X 4"	90	105

RIBBED MULTI-LAYER PAD



- Constructed of two layers of thick ribbed resilient rubber pads encasing one 1.5 mm thick steel plate in the center.
- Alternate rib design with the ribs below and above joined at right angles to each other aids to eliminate skidding.
- Diagonal ribs help to distribute load evenly over larger area of pad surface

Model No	Size (mm)	Rec Load (kg/cm2)	Deflection (mm)
NTRMP10035	100 X 100 X 35	2.8	4.5
NTRMP15035	1" X 12" X 12"	4	4.5

ANTI-VIBRATION HANGER



- Constructed of a Neoprene element in a square bracket.

Model No	Point Load (KGs)	Deflection (mm)	Rod Size (mm)	Hanger Dimensions (mm)					Colour
				A	B	C	D	E	
NTAVH10	10	8	10	75	40	35	55	41	Blue
NTAVH20	20	8	10	75	40	35	55	41	Green
NTAVH30	30	8	10	75	40	35	55	41	Red
NTAVH50	50	8	10	75	40	35	55	41	Yellow
NTAVH70	70	10	10	75	40	35	55	41	Brown
NTAVH120	120	10	10	75	40	35	55	41	Orange

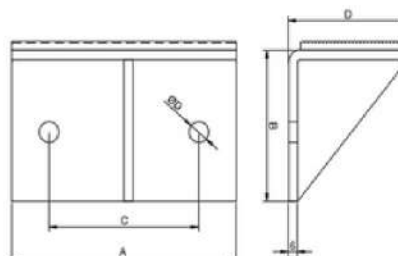
CORK SANDWICH PAD



- Laminated pads with 1/2" thick close-grained cork securely bonded between layers of 1/4" alternate low high ribbed Neoprene rubber pads. Other highest level of sound attenuation and vibration isolation.
- No need for bolting.
- Easy field installation.

Model No	Size (Inches)	Rec Load (KGs)	Max Load (KGs)
NTAVSP781818	7/8" X 18" X 18"	720	900
NTAVSP781212	7/8" X 12" X 12"	480	600
NTAVSP780808	7/8" X 8" X 8"	320	400
NTAVSP780606	7/8" X 6" X 6"	240	300
NTAVSP780404	7/8" X 4" X 4"	160	200
NTAVSP780303	7/8" X 3" X 3"	120	150

SEISMIC SNUBBERS



Construction Features

- Seismic Snubbers are intended to limit lateral and vertical equipment motion.
- Neoprene pads on all contact surfaces are designed to reduce shock loads by cushioning any potential impacts.

Product Specifications

- Material: Carbon Steel
- Material Finish: HDG / GI / Epoxy Coating

Model	Load (kN)	A (mm)	B (mm)	C (mm)	D (mm)	ØD (mm)
NT-SS-15095	26	150	95	100	80	13

ANTI-VIBRATION MOUNT



- Constructed of a Neoprene element encased within two steel caps.
- Compact model for space saving installations

Model No	Point Load (KGs)	Deflection (mm)	Rod Size (mm)	Hanger Dimensions (mm)		
				A	B	C
NTAV M	90	4	10	37	25	41
NTAV MC	60	4	10	27	19	32

CUP SPRING MOUNTS

25 MM STANDARD DEFLECTION

Product Features

- Spring Mounts are used to isolate noise and vibration from floor mounted equipment
- Pumps, packaged air handling units, air condition units, centrifugal and axial fans, inertia base etc.
- NTEICO spring Mounts are fabricated using high quality natural Neoprene rubber and heavy steel spring.
- Springs are designed with 50% overload Capacity
- Outer diameter equal to at least 85% of working height.
- Powder coated spring.
- Color coded spring as per load ratings
- Designed to meet BS1726, Class B



Selection Table For 25 mm Deflection Cup Spring Mounts

Isolator Model	Rated Load (KG)	Spring Color	Dimensions (mm)					
			L	W	H	BC	D	d
NTM-1-10	10	RED	91	55	105	76	M10	M8
NTM-1-15	15	BLACK	91	55	105	76	M10	M8
NTM-1-20	20	BLUE	91	55	105	76	M10	M8
NTM-1-30	30	PINK	91	55	105	76	M10	M8
NTM-1-40	40	BLACK	91	55	105	76	M10	M8
NTM-1-60	60	BLUE	91	55	105	76	M10	M8
NTM-1-100	100	MAROON	91	55	105	76	M10	M8
NTM-1-160	160	WHITE	91	55	105	76	M10	M8
NTM-1-200	200	YELLOW	133	70	144	112	M12	M10
NTM-1-250	250	RED	133	70	144	112	M12	M10
NTM-1-300	300	D BROWN	133	70	144	112	M12	M10
NTM-1-400	400	D GREEN	133	70	144	112	M12	M10
NTM-1-500	500	GREY	133	70	144	112	M12	M10
NTM-1-600	600	ORANGE	133	70	144	112	M12	M10
NTM-1-800	800	L GREEN	151	85	144	130	M12	M10
NTM-1-1000	1000	L BLUE	151	85	144	130	M12	M10
NTM-1-1250	1250	WHITE	151	85	144	130	M12	M10

- Measurements are subject to 5% tolerance.
- *Due to continuous improvement, product specifications are subject to change without prior notice.

CUP SPRING MOUNTS

50 MM STANDARD DEFLECTION

Product Features

- Spring Mounts are used to isolate noise and vibration from floor mounted equipment
- Pumps, packaged air handling units, air condition units, centrifugal and axial fans, inertia base etc.
- NTEICO spring Mounts are fabricated using high quality natural Neoprene rubber and heavy steel spring.
- Springs are designed with 50% overload Capacity
- Outer diameter equal to at least 85% of working height.
- Powder coated spring.
- Color coded spring as per load ratings
- Designed to meet BS1726, Class B



Selection Table For 50 mm Deflection Cup Spring Mounts

Isolator Model	Rated Load (KG)	Spring Color	Dimensions (mm)					
			L	W	H	BC	D	d
NTM-2-5	5	RED	91	35	105	76	M10	M8
NTM-2-10	10	BLUE	91	35	105	76	M10	M8
NTM-2-25	25	BLACK	91	35	105	76	M10	M8
NTM-2-40	40	MAROON	91	35	105	76	M10	M8
NTM-2-50	50	WHITE	91	35	105	76	M10	M8
NTM-2-75	75	YELLOW	91	35	105	76	M10	M8
NTM-2-100	100	PINK	91	35	105	76	M10	M8
NTM-2-150	150	PURPLE	91	35	105	76	M10	M8
NTM-2-200	200	D GREEN	133	35	144	112	M12	M10
NTM-2-250	250	GREY	133	35	144	112	M12	M10
NTM-2-300	300	ORANGE	133	35	144	112	M12	M10
NTM-2-400	400	L GREEN	151	35	144	130	M12	M10
NTM-2-500	500	L BLUE	151	35	144	130	M12	M10
NTM-2-600	600	WHITE	151	35	144	130	M12	M10

- Measurements are subject to 5% tolerance.
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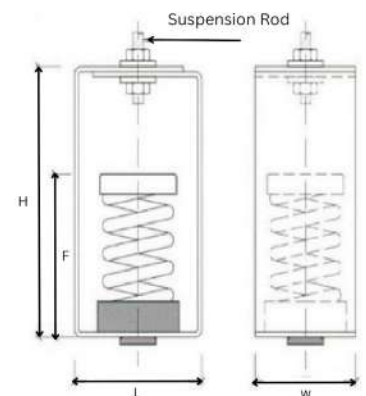
SPRING HANGER

25 MM STANDARD DEFLECTION



Product Features

- Spring Mounts are used to isolate suspended sources of both noise and vibration.
- Suspended mechanical equipment such as air handling units, cabinet fans, piping and ductwork in close proximity to rotating mechanical equipment are typical applications of Spring Hangers.
- NTEICO Spring Hangers are fabricated using heavy duty metal.
- Color coded springs as per load ratings.



Selection Table For 25 mm Deflection Spring Hangers

Isolator Model	Rated Load (KG)	Spring Color	Dimensions (mm)				
			L	W	F*	H	d (Max)
NTH-1-10	10	RED	55	40	80	104	M10
NTH-1-15	15	BLACK	55	40	80	104	M10
NTH-1-20	20	BLUE	55	40	80	104	M10
NTH-1-30	30	PINK	55	40	80	104	M10
NTH-1-40	40	BLACK	55	40	80	104	M12
NTH-1-60	60	BLUE	65	58	96	104	M12
NTH-1-100	100	MAROON	65	58	96	104	M12
NTH-1-160	160	WHITE	65	58	96	104	M12
NTH-1-200	200	YELLOW	65	58	96	104	M12
NTH-1-250	250	RED	65	58	96	104	M12
NTH-1-300	300	D BROWN	85	75	115	157	M16
NTH-1-400	400	D GREEN	85	75	115	157	M16
NTH-1-500	500	GREY	85	75	115	157	M16
NTH-1-600	600	ORANGE	85	75	115	157	M16
NTH-1-800	800	L GREEN	85	75	115	157	M16
NTH-1-1000	1000	L BLUE	85	75	115	157	M16
NTH-1-1250	1250	WHITE	85	75	115	157	M16

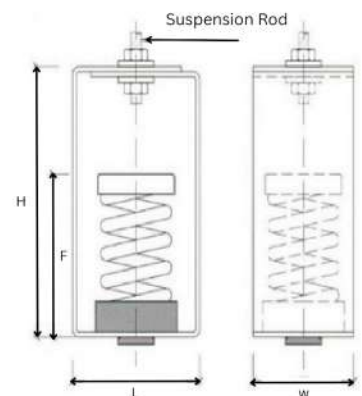
- Measurements are subject to 5% tolerance.
- *Due to continuous improvement, product specifications are subject to change without prior notice.

SPRING HANGER

50 MM STANDARD DEFLECTION

Product Features

- Spring Mounts are used to isolate suspended sources of both noise and vibration.
- Suspended mechanical equipment such as air handling units, cabinet fans, piping and ductwork in close proximity to rotating mechanical equipment are typical applications of Spring Hangers.
- NTEICO Spring Hangers are fabricated using heavy duty metal.
- Powder Coated Brackets and Spring.
- Color coded springs as per load ratings.

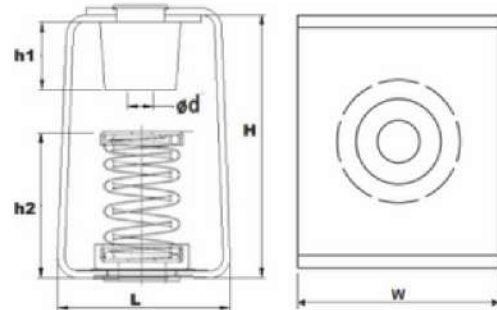


Selection Table For 50 mm Deflection Spring Hangers

Isolator Model	Rated Load (KG)	Spring Color	Dimensions (mm)				
			L	W	F*	H	d (Max)
NTH-1-10	10	RED	65	58	100	140	M10
NTH-1-15	15	BLACK	65	58	100	140	M10
NTH-1-20	20	BLUE	65	58	100	140	M10
NTH-1-30	30	PINK	65	58	100	140	M10
NTH-1-40	40	BLACK	65	58	100	140	M12
NTH-1-60	60	BLUE	85	75	121	157	M12
NTH-1-100	100	MAROON	85	75	121	157	M12
NTH-1-160	160	WHITE	85	75	121	157	M12
NTH-1-200	200	YELLOW	85	75	121	157	M12
NTH-1-250	250	RED	85	75	121	157	M12
NTH-1-300	300	D BROWN	85	95	155	210	M16
NTH-1-400	400	D GREEN	85	95	155	210	M16
NTH-1-500	500	GREY	85	95	155	210	M16
NTH-1-600	600	ORANGE	85	95	155	210	M16
NTH-1-800	800	L GREEN	85	95	155	210	M16
NTH-1-1000	1000	L BLUE	85	95	155	210	M16
NTH-1-1250	1250	WHITE	85	95	155	210	M16

- Measurements are subject to 5% tolerance.
- *Due to continuous improvement, product specifications are subject to change without prior notice.

COMBINATION HANGER



Product Features

- Better protection against structural transmission of high frequencies
- Consists of free standing, laterally stable epoxy powder coated steel spring in bottom with a neoprene rubber element at top, housed in a bracket
- Springs have a defined deflection of 25 mm at rated load and are designed with 50% overload capacity
- Color coded springs to facilitate identification
- Used to isolate sources of noise and vibration of floor mounted equipment.

Part No.	Rated Load (Kg)	Spring Color	Hanger Dimensions (mm)					
			L	W	H	h1	h2	D
NT-V-CH-25	25	BLUE	75	60	150	32	70	M10
NT-V-CH-50	50	BLUE						
NT-V-CH-75	75	RED						
NT-V-CH-100	100	RED	75	60	150	32	78	M12
NT-V-CH-150	150	WHITE						
NT-V-CH-200	200	WHITE						

SEISMIC SPRING ISOLATOR

(25MM STANDARD DEFLECTION)



Product Features

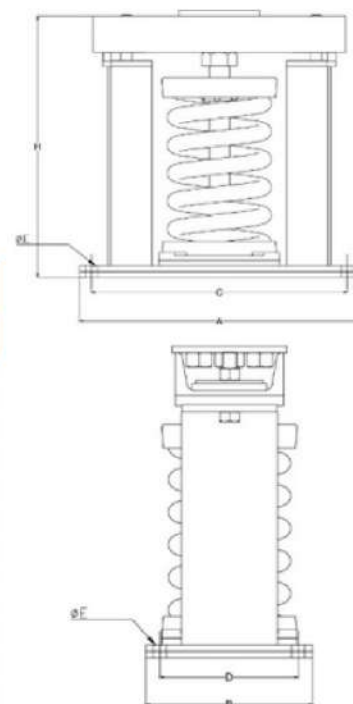
- Consists of free standing, laterally stable epoxy powder coated steel spring housed in a steel bracket
- The lower casing has rubber snubbers, and also a rubber friction pad is provided at the base of the spring mount
- Color coded springs to facilitate identification
- Seismic and vibration protection to floor mounted equipment
- Models with one (NT-S-SI11), two (NT-S-SI21) and four (NT-S-SI41) spring options available.

Technical Specifications

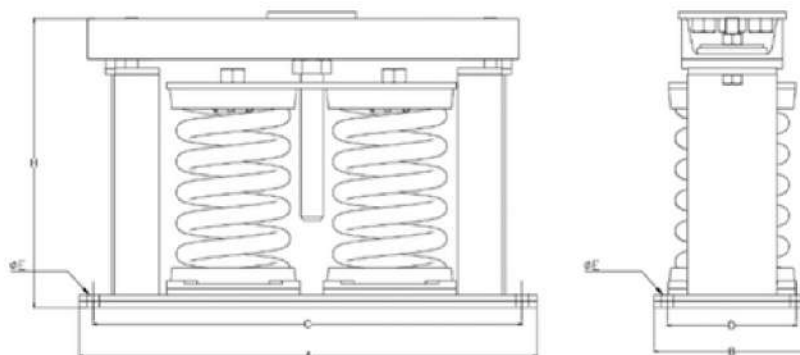
- Provides stability to equipment against lateral forces
- The mount is designed for 50% overload capacity
- Natural frequency – 3 to 4 Hz.

NT-S-SI11 Series

Part No.	Rated Load (kg)	Spring Constant K (N/mm)	Spring Color	Dimensions (mm)					
				H (mm)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)
NT-S-SI 11-25	25	10	Yellow	82	150	90	80	60	11
NT-S-SI 11-50	50	20	Blue	82	150	90	80	60	11
NT-S-SI 11-100	100	40	Yellow	200	260	100	218	58	14
NT-S-SI 11-200	200	80	Blue	200	260	100	218	58	14
NT-S-SI 11-300	300	120	White	200	260	100	218	58	14
NT-S-SI 11-400	400	160	Grey	200	260	100	218	58	14
NT-S-SI 11-500	500	200	Orange	200	260	100	218	58	14
NT-S-SI 11-600	600	240	White	200	260	100	218	58	14
NT-S-SI 11-700	700	280	Yellow	200	260	100	218	58	14
NT-S-SI 11-800	800	320	Green	200	260	100	218	58	14
NT-S-SI 11-1000	1000	400	Red	200	260	100	218	58	14
NT-S-SI 11-1200	1200	480	Black	200	260	100	218	58	14

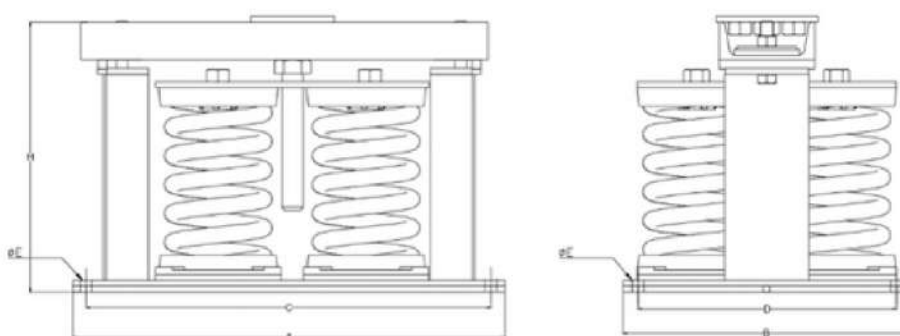


NT-S-SI21 Series



Part No.	Rated Load (kg)	Spring Constant K (N/mm)	Spring Color	Dimensions (mm)					
				H (mm)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)
NT-S-SI 21-1400	1400	560	Yellow	200	320	140	274	106	14
NT-S-SI 21-1600	1600	640	Green	200	320	140	274	106	14
NT-S-SI 21-2000	2000	800	Red	200	320	140	274	106	14
NT-S-SI 21-2400	2400	96	Black	200	320	140	274	106	14
NT-S-SI 21-2600	2600	1040	Grey	200	320	140	274	106	14

NT-S-SI41 Series



Part No.	Rated Load (kg)	Spring Constant K (N/mm)	Spring Color	Dimensions (mm)					
				H (mm)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)
NT-S-SI 41-2800	2800	1120	Yellow	200	320	200	270	160	17
NT-S-SI 41-3200	3200	1280	Green	200	320	200	270	160	17
NT-S-SI 41-4000	4000	1600	Red	200	320	200	270	160	17
NT-S-SI 41-4800	4800	1920	Black	200	320	200	270	160	17

SEISMIC SPRING ISOLATOR

(50MM STANDARD DEFLECTION)



Product Features

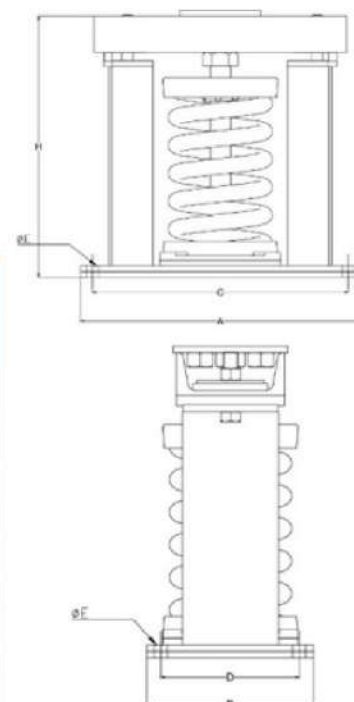
- Consists of free standing, laterally stable epoxy powder coated steel spring housed in a steel bracket.
- The lower casing has rubber snubbers, and also a rubber friction pad is provided at the base of the spring mount.
- Color coded springs to facilitate identification.
- Seismic and vibration protection to floor mounted equipment.
- Models with one (NT-S-SI12), two (NT-S-SI22) and four (NT-S-SI42) spring options available.

Technical Specifications

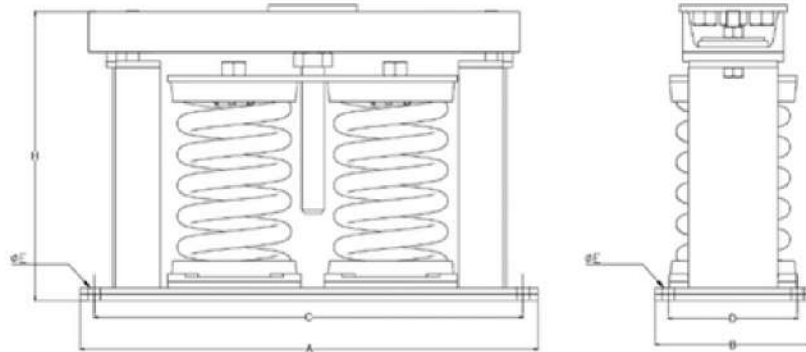
- Provides stability to equipment against lateral forces.
- The mount is designed for 50% overload capacity.
- Natural frequency – 2 to 2.5 Hz.

NT-S-SI12 Series

Part No.	Rated Load (kg)	Spring Constant K (N/mm)	Spring Color	Dimensions (mm)					
				H (mm)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)
NT-S-SI 12-50	50	10	Yellow	215	280	120	240	80	14
NT-S-SI 12-50	100	20	Blue	215	280	120	240	80	14
NT-S-SI 12-100	200	40	Yellow	215	280	120	240	80	14
NT-S-SI 12-200	300	60	Blue	215	280	120	240	80	14
NT-S-SI 12-300	400	80	White	215	280	120	240	80	14
NT-S-SI 12-400	500	100	Grey	215	280	120	240	80	14
NT-S-SI 12-500	600	120	Orange	215	280	120	240	80	14
NT-S-SI 12-600	700	140	White	215	280	120	240	80	14
NT-S-SI 12-700	800	160	Yellow	215	280	120	240	80	14
NT-S-SI 12-800	900	180	Green	215	280	120	240	80	14
NT-S-SI 12-1000	1000	200	Red	215	280	120	240	80	14
NT-S-SI 12-1200	1200	240	Black	215	280	120	240	80	14
NT-S-SI 12-1400	1400	280	Green	215	280	120	240	80	14
NT-S-SI 12-1600	1600	320	Black	215	280	120	240	80	14

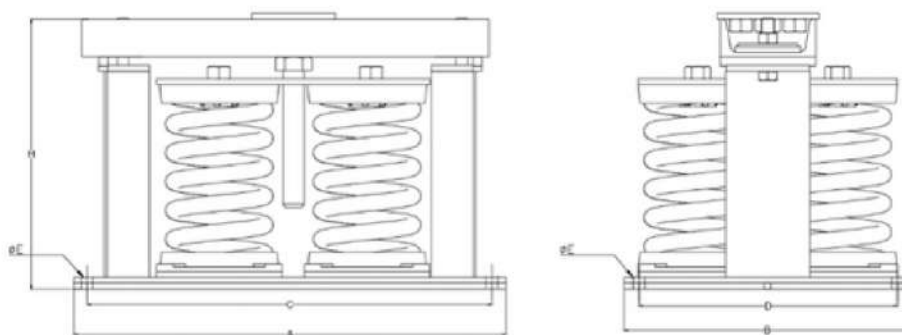


NT-S-SI22 Series



Part No.	Rated Load (kg)	Spring Constant K (N/mm)	Spring Color	Dimensions (mm)					
				H (mm)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)
NT-S-SI 22-1800	1800	360	Green	215	380	160	310	120	14
NT-S-SI 22-2000	2000	400	Red	215	380	160	310	120	14
NT-S-SI 22-2400	2400	480	Black	215	380	160	310	120	14
NT-S-SI 22-2800	2800	560	Green	215	380	160	310	120	14
NT-S-SI 22-3200	3200	640	Black	215	380	160	310	120	14

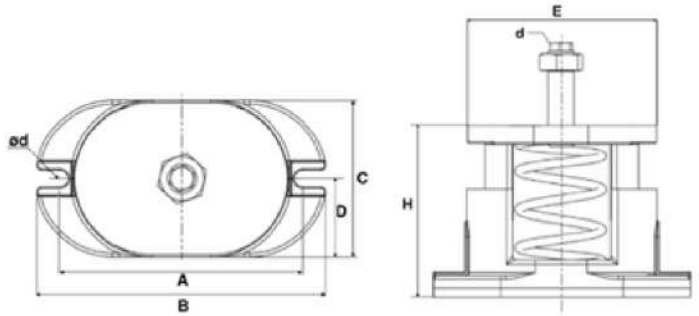
NT-S-SI42 Series



Part No.	Rated Load (kg)	Spring Constant K (N/mm)	Spring Color	Dimensions (mm)					
				H (mm)	A (mm)	B (mm)	C (mm)	D (mm)	ØE (mm)
NT-S-SI 42-3600	3600	720	Green	215	400	250	350	210	17
NT-S-SI 42-4000	4000	800	Blue	215	400	250	350	210	17
NT-S-SI 42-4800	4800	960	Black	215	400	250	350	210	17
NT-S-SI 42-5600	5600	1120	Blue	215	400	250	350	210	17

HOUSED SPRING MOUNT

(25MM STANDARD DEFLECTION)



Product Features

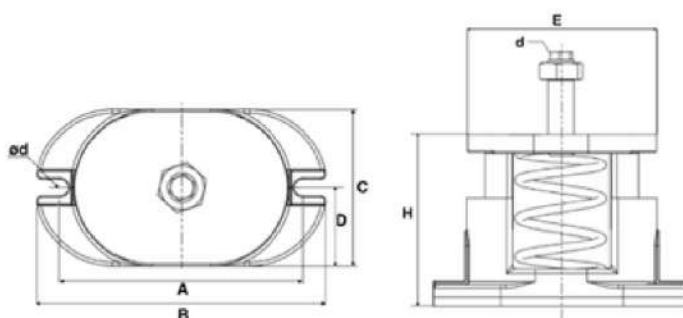
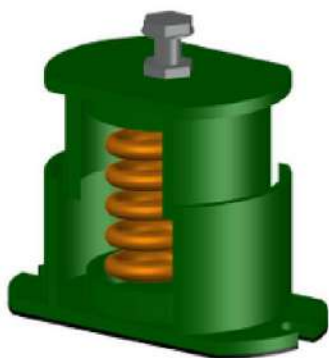
- Provides stability to equipment against lateral forces.
- Consists of a free-standing, laterally stable epoxy powder-coated steel spring housed in a steel bracket with two casings.
- The lower casing has rubber snubbers, and a rubber friction pad is provided at the base of the spring mount.
- The mount is designed for 50% overload capacity.
- Color-coded springs to facilitate identification.
- Applications include mounting chillers, AHUs, pumps, axial fans, condensing units etc.

Technical Specifications

Part No.	Rated Load (kg)	Spring Color	Dimensions (mm)							
			H (mm)	E (mm)	B (mm)	C (mm)	A (mm)	D (mm)	Ød (mm)	d (mm)
NT-V-HSM25-100	100	Orange	157	173	238	126.5	198	63.25	14	M12x30
NT-V-HSM25-200	200	Blue								
NT-V-HSM25-300	300	Green								
NT-V-HSM25-400	400	Red								
NT-V-HSM25-500	500	Black								

HOUSED SPRING MOUNT

(50MM STANDARD DEFLECTION)



Product Features

- Provides stability to equipment against lateral forces.
- Consists of a free-standing, laterally stable epoxy powder-coated steel spring housed in a steel bracket with two casings.
- The lower casing has rubber snubbers, and a rubber friction pad is provided at the base of the spring mount.
- The mount is designed for 50% overload capacity.
- Color-coded springs to facilitate identification.
- Applications include mounting chillers, AHUs, pumps, axial fans, condensing units etc.

Technical Specifications

Part No.	Rated Load (kg)	Spring Color	Dimensions (mm)							
			H (mm)	E (mm)	B (mm)	C (mm)	A (mm)	D (mm)	Ød (mm)	d (mm)
NT-V-HSM50-100	100	Green	157	173	238	126.5	198	63.25	14	M12x30
NT-V-HSM50-200	200	Orange								
NT-V-HSM50-300	300	Yellow								
NT-V-HSM50-400	400	Blue								
NT-V-HSM50-500	500	Black	172	173	238	126.5	198	63.25	14	M12x30
NT-V-HSM50-600	600	White								
NT-V-HSM50-700	700	Red								
NT-V-HSM50-800	800	Grey								
NT-V-HSM50-1000	1000	Green								
NT-V-HSM50-1200	1200	Black								

SEISMIC CABLE



Construction Features

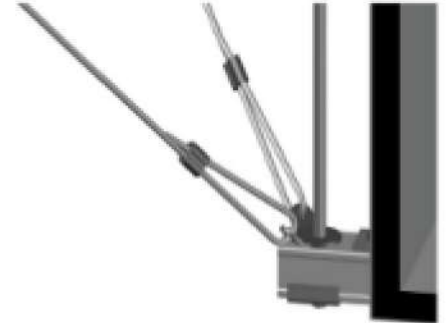
- Pre-stretched seismic restraint cable
- Provides easy installation of seismic bracing for HVAC Ducts, piping systems and more
- Can be cut to length as required.

Product Specifications

- Materials: Stainless Steel 316 (EN 1.4401)
- Category: Seismic Restraint and Bracing Cable Systems
- Static Load Safety Factor – 1.50

Part No	Diameter (mm)	Cable Length (m)	Static Load (kN)
NT-SE-CK2	2.4	76.2	1.41
NT-SE-CK3	3.2	76.2	2.75
NT-SE-CK5	4.8	76.2	5.86

RESTRAINT CLIP – NT-SE-RC1

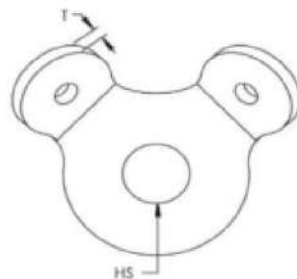


Construction Features

- Attaches cable brace to NTEICO slotted channels
- The special design enables connection of cables at maximum 45° angles
- Application: Seismic bracing by cables for HVAC duct, conduit/cable tray, and piping.

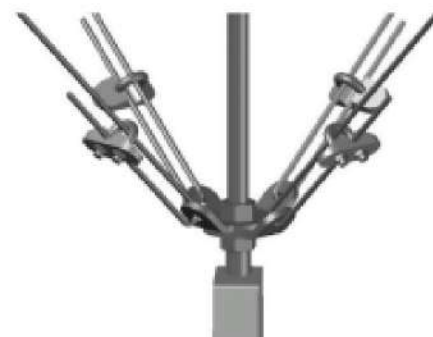
Product Specifications

- Materials: Carbon Steel
- Material Finish: Electrogalvanized as per ASTM B633.
- Hot dip galvanized and stainless-steel options available.



Part No	Hole Size (HS) (mm)	Thickness (t)	Load (kN)
NT-SE-RC1-08	8	4	2.5
NT-SE-RC1-10	10	4	2.5
NT-SE-RC1-12	12	4	2.5

RESTRAINT CLIP – NT-SE-RC2

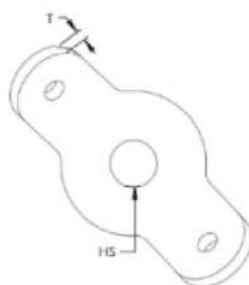


Construction Features

- Attaches cable brace to pipe clamps and other hangers
- The special design enables connection of cables at maximum 45° angles
- Application: Seismic bracing by cables for HVAC duct, conduit/cable tray, and piping.

Product Specifications

- Materials: Carbon Steel
- Material Finish: Electrogalvanized as per ASTM B633.
- Hot dip galvanized and stainless-steel options available.



Part No	Hole Size (HS) (mm)	Thickness (t)	Load (kN)
NT-SE-RC2-08	8	4	2.2
NT-SE-RC2-10	10	4	2.2
NT-SE-RC2-12	12	4	2.2

NT CABLE ANCHOR FITTING

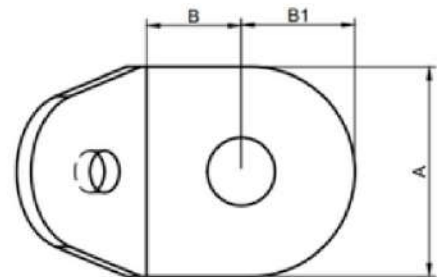
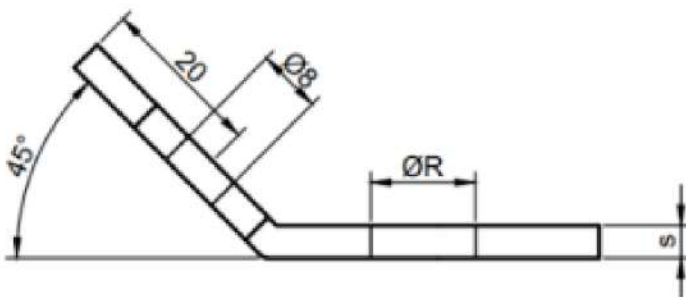


Construction Features

- Designed to be fastened to steel structural components for use with seismic cable bracing.
- Based on cable load carrying capacity and the same safety factor.
- May be used at both ends of the cable for anchoring equipment.

Product Specifications

- Materials: Carbon Steel
- Hot dipped galvanized and stainless-steel options provided on request
- Category: Seismic Restraint and Bracing Cable Systems



Part No	Wire Size (mm)	A (mm)	B (mm)	B1 (mm)	R (mm)	S (mm)	Angle (°)	Load (KG)
NT-SE-CAF-03	Up to 3	40	20	21	11	4	45°	200
NT-SE-CAF-06	Up to 6	50	24	26	13	8	45°	1000

HORIZONTAL THRUST RESTRAINT



Construction Features

- Thrust restraints offer stability to equipment under air thrust pressures.
- Improves noise and vibration control in mechanical equipment.
- Applications : Air handling units connected to any equipment including HVAC, fans, and pumps.

Product Specifications

- Material: Carbon Steel
- Spring stiffness: 4 to 60 N/mm

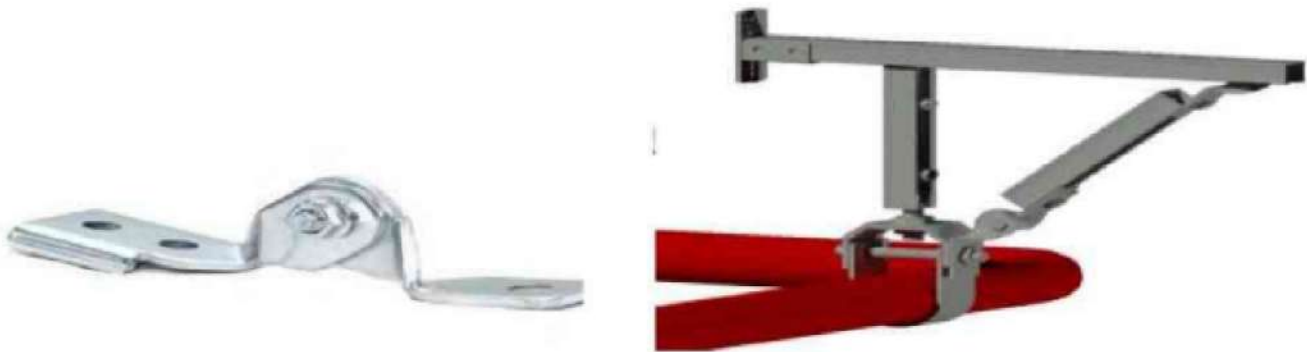
Part No.	Load (N)	K (N/mm)	Color (spring)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	ØE (mm)	HD (mm)
NT-HTR-100	100	4	ORANGE	80	80	44	60	500	82	M10x500	M10x25
NT-HTR-100	250	10	YELLOW								
NT-HTR-100	500	20	BLUE								
NT-HTR-100	1000	40	RED								
NT-HTR-100	1500	60	GREEN								

SEISMIC BRACING

Types of Seismic Bracing

Seismic bracing in these cases consists of tension-based cable braces or rigid steel braces:

- **Rigid Steel Braces** perform the same job as cable braces, but only one length of steel is needed. Rigid braces are, however, limited in length, and they won't fit in certain areas and set-ups. Thus, cable braces are a far more flexible option, as they can be used just about anywhere. FEMA 412 also shows cable and rigid bracing used in conjunction with rod stiffeners and vibration isolation systems.



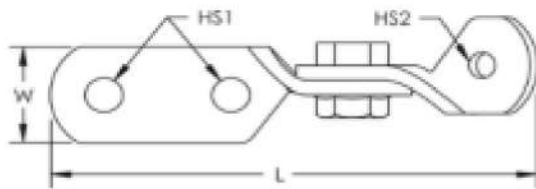
Construction Features

- Maximum flexibility in installation because to changeable angle Bracing system for fire sprinkler installations that has received FM approval Meets the standards of the National Fire Protection Association (NFPA) for seismic braces in the United States
- Installation and inspection are accelerated and simplified by shear-off bolt heads.

Product Specifications

- Materials: Carbon Steel Connector: S275JR
- Surface finish: Electro-Galvanized

SEISMIC BRACING



Part No	Hole size 1 (mm)	Hole size 2 (mm)	Width (W) (mm)	Length (L) (mm)	Thickness(T) (mm)
NT-SB-010	13	11	40	180	6
NT-SB-012	13	14	40	180	6
NT-SB-016	13	17	40	180	6
NT-SB-020	13	21	40	180	6