

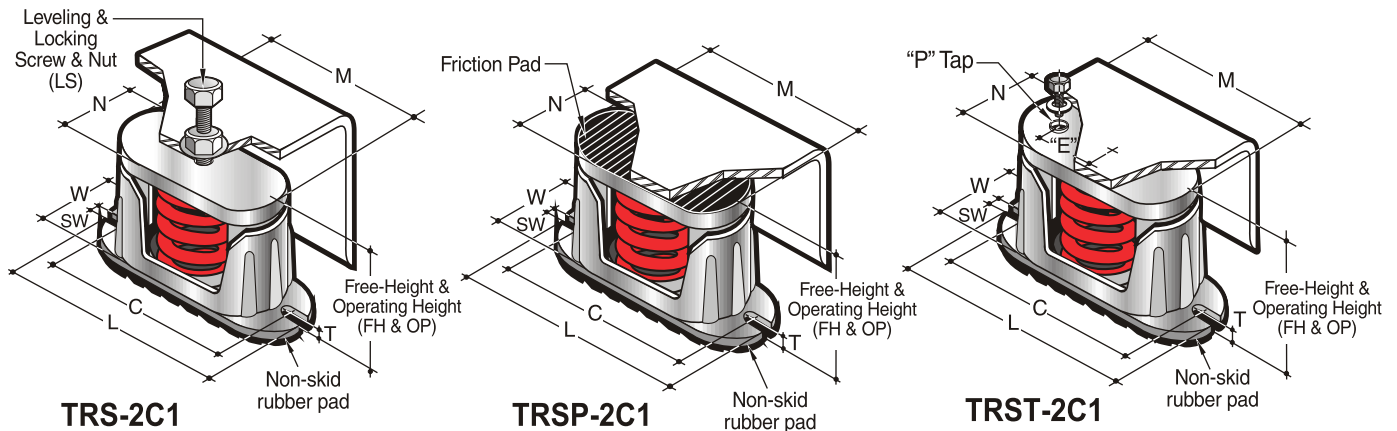
Restrained Vibration Isolators

2-inch Deflection

- TRS-2C1
- TRS-2C2
- TRSP-2C1
- TRSP-2C2
- TRST-2C1
- TRST-2C2

TRS-2C is Tomahawk's 2-inch rated deflection, housed & restrained spring mounting, the spring of which is laterally stable with a minimum horizontal stiffness of 0.8 times the rated vertical stiffness and 27% to cover 50% overload capacity provide yet another vibration isolation solution to equipment with presence of horizontal load. The upper housing and the lower one are assembled into a telescoping housing complete with a top level adjustment bolt and a non-skid, noise breaking rubber base, together with resilient cushion inserts at both inner sides of the lower housing, preventing metal-to-metal contact as well as serving horizontal load snubbing.

TRS-2C is used when top access of Level Adjustment Bolt is possible while **TRSP-2C** & **TRST-2C** are two (2) variants for different mounting requirement. **TRS-2C** has Rubber Friction Pad bonded on top of upper housing when bolting of machine base is not called for. Level adjustment is by turning the Internal Level Adjustment Nut. **TRST-2C** has an off-set tapped hole on top of upper housing for locking machine base to the mount. Like **TRS-2C** level adjustment is done by turning the Internal Adjustment Nut with an open wrench (spanner) clock-wise to raise, counter-clock-wise to lower (level) spring's operating height.

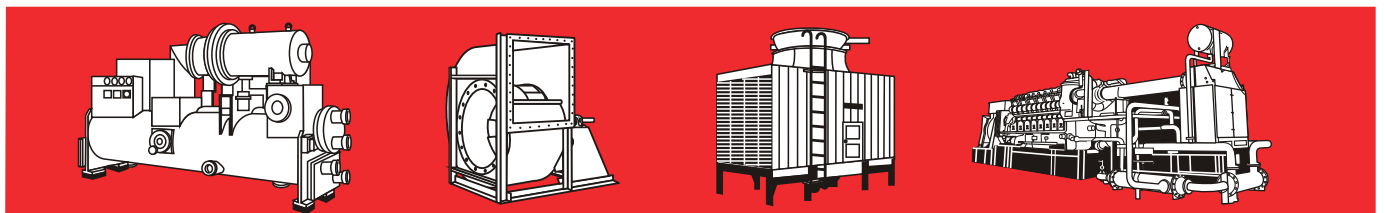


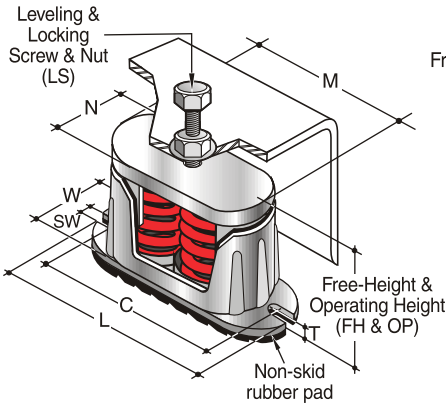
Model	Size	Rated Load (lbs.)	Rated Defl. (in.)	Spring Rate (lbs./in.)	Color Code	Rated Load (Kg)	Rated Defl. (mm)	Spring Rate (Kg/mm)	Dimension (mm)								TRS/TRST Free Ht. & Op.Ht.	TRSP only Free Ht. & Op.Ht.	Weight (Kg)
									L	W	C	M	N	T	LS	SW			
TRS-2C1	200	200	2.35	85.11	grey	90.91	59.69	1.52									170	175	5.72
	260	260	2.25	115.56	brown	118.18	57.15	2.07									170	175	5.76
	340	340	2.20	154.55	blue	154.55	55.88	2.77									170	175	5.82
	430	430	2.00	215.00	yellow	195.45	50.80	3.85									170	175	5.90
	500	500	2.00	250.00	red	227.27	50.80	4.47									177	182	5.96
TRSP-2C1	570	570	2.00	285.00	black	259.09	50.80	5.10	225	90	195	170	90	16	M16	12.5	177	182	6.04
	650	650	2.00	325.00	green	295.45	50.80	5.82									180	185	6.18
	765	765	2.00	382.50	orange	347.73	50.80	6.85									180	185	6.30
TRST-2C1	850	850	2.00	425.00	orange+yellow	386.36	50.80	7.61									180	185	6.42
	930	930	2.00	465.00	orange+black	422.73	50.80	8.32									180	185	6.52
	1100	1100	2.00	550.00	orange+red	500.00	50.80	9.84									180	185	6.62
	1220	1220	2.00	610.00	orange+gold	554.55	50.80	10.92									180	185	6.70
	1270	1270	2.00	635.00	orange+green	577.27	50.80	11.36									180	185	6.80

Specifications and contents are subject to change without prior notice as technology advances.

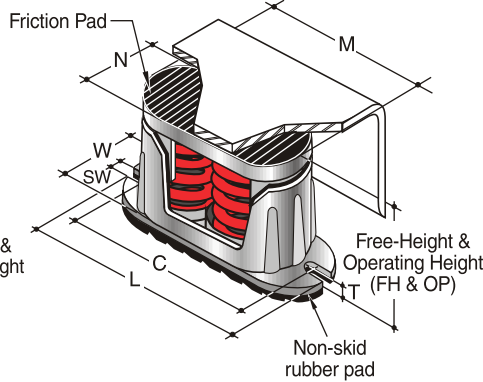
For Model "TRST-2C1" only

"P" Tap = M
"E" = 30 mm

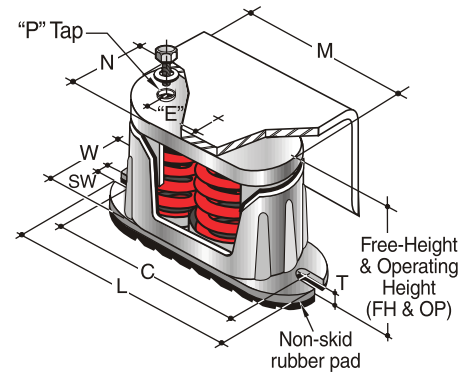




TRS-2C2



TRSP-2C2



TRST-2C2

Model	Size	Rated Load	Rated Defl. (in.)	Color Code	Spring Rate (lbs./in.)	Dimension (mm)										TRS/TRST Free Ht & Op. Height (mm)	TRSP only Free Ht & Op. Height (mm)
						L	W	C	M	N	T	LS	SW	*E			
TRS-2C2	680	680	2.00	Blue	340.00	300	90	270	245	90	16	5/8	12.5	30	180	185	
	860	860	2.00	Yellow	430.00							UNC					
	1000	1000	2.00	Red	500.00							5/8					
	1140	1140	2.00	Black	570.00							UNC					
or	1300	1300	2.00	Green	650.00	300	90	270	245	90	16	5/8	12.5	30	185	190	
TRSP-2C2	1530	1530	2.00	Orange	765.00												UNC
or	1700	1700	2.00	Orgn+Yellow	850.00												
TRST-2C2	1860	1860	2.00	Orgn+Blk	930.00												
TRST-2C2	2200	2200	2.00	Orgn+Red	1100.00	300	90	270	245	90	16	5/8	12.5	30	190	195	
	2440	2440	2.00	Orgn+Gold	1220.00												
	2540	2540	2.00	Orgn+Green	1270.00												

*Note: Dimension "E" is only available for **TRST-2C2**

For model "**TRST-2C2**" only

Due to ongoing R & D Vibratech Industries Sdn. Bhd. and Tomahawk Industries Sdn. Bhd. reserves the right to change specifications without notice.

"P" Tap = 1/2 UNC
"E" = 30 mm

Installation & Operation

Tomahawk model: TRS-2C1 & TRS-2C2

TRS-2C1 and **TRS-2C2** are Tomahawk's Housed single & two (2) spring mounts of which each has one upper and lower housing, assembled telescoping and with a top levelling adjustment bolt and a jam nut.

1. Unscrew top level adjustment bolt (come in assembled with unit) by turning counter-clock-wise, (CCW) from the mount.
2. Position machine base (leg frame) on top of the upper housing.
3. Align mounting hole of machine base with the tapped hole on the upper housing.
4. Pass through level adjustment bolt & turn Clock-Wise (CW) to load spring until desired level (height) is achieved. LEAVE THE JAM NUT LOOSE.
5. After completing level adjustment of all mounts, lock the jam nuts of mounts tight. (CW)
6. Bolt down the mounts to the floor or any fix plane. (Though it is not always required but advisable to do so)

