



Tomahawk



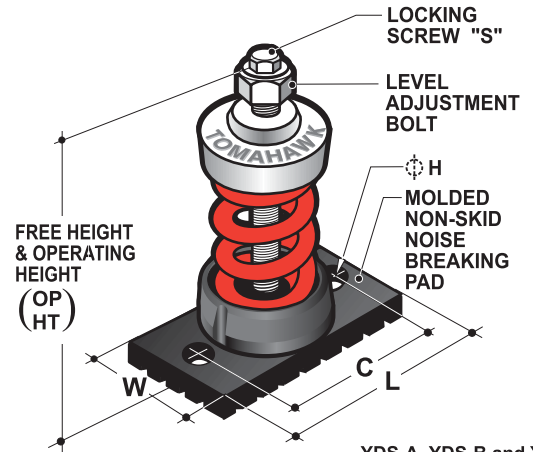
Rgn No : 180788
ISO 9001:2000 Certified

Spring Vibration Isolators

1-inch Rated Deflection

FREE-STANDING UNHOUSED • YDS-A • YDS-B • YDS-C • YDSL • YDS-X • YDS-Y • YDS-Z

YDS-A, YDS-B, YDS-C, YDSL, YDS-X, YDS-Y and **YDS-Z** are nominal 1-inch (25 mm) rated deflection single spring vibration isolators, free standing and unhooused. Consist of spring mounting caps, assembled with level adjustment bolts and locking screws⁽¹⁾, color epoxy coated steel springs⁽²⁾ for easy size identification and one piece molded⁽³⁾, non-skid noise breaking base, the safe working stress and lateral stability of Tomahawk springs are designed to meet a minimum ratio of 0.80, the spring outside diameter (OD) to loaded operating height. Minimum 50% overload protection (additional deflection from rated load before compression to solid) is included to offset any error may have in load distribution.



YDS-A, YDS-B and YDS-C

MODEL	IMPERIAL UNITS			COLOR CODE	METRIC UNITS			DIMENSION (mm)					
	Rated Load (lbs.)	Rated Defl. (in.)	Spring Rate (lbs./in.)		Rated Load (kg)	Rated Defl. (mm)	Spring Rate (kg/mm)	OP/HT	L	W	C	ØH	S
YDS-A8e	8	1.40	5.71	brown	3.63	35.6	0.10	115	100	57	82	Ø10	M10x25L
YDS-A10e	10	1.35	7.41	grey	4.54	34.3	0.13	115	100	57	82	Ø10	M10x25L
YDS-A12e	12	1.31	9.16	red	5.44	33.3	0.16	115	100	57	82	Ø10	M10x25L
YDS-A20e	20	1.35	14.81	orange	9.07	34.3	0.26	115	100	57	82	Ø10	M10x25L
YDS-A25e	25	1.35	18.52	green	11.34	34.3	0.33	115	100	57	82	Ø10	M10x25L
YDS-A36e	36	1.30	27.69	blue	16.33	33.0	0.49	115	100	57	82	Ø10	M10x25L
YDS-A50e	50	1.45	34.48	white	22.69	36.8	0.62	115	100	57	82	Ø10	M10x25L
YDS-A75e	75	1.38	54.35	yellow	34.03	35.1	0.97	115	100	57	82	Ø10	M10x25L
YDS-A100e	100	1.32	75.76	grey	45.37	33.5	1.35	115	100	57	82	Ø10	M10x25L
YDS-A125e	125	1.25	100.00	orange	56.72	31.8	1.79	115	100	57	82	Ø10	M10x25L
YDS-A160e	160	1.18	135.59	tan	72.60	30.0	2.42	115	100	57	82	Ø10	M10x25L
YDS-A190e	190	1.12	169.64	dark green	86.21	28.4	3.03	115	100	57	82	Ø10	M10x25L
YDS-A210e	210	1.10	190.91	red	95.28	27.9	3.41	115	100	57	82	Ø10	M10x25L
YDS-A270e	270	1.08	250.00	dark blue	122.50	27.4	4.47	115	100	57	82	Ø10	M10x25L
YDS-A300e	300	1.06	283.02	brown	136.12	26.9	5.06	115	100	57	82	Ø10	M10x25L
YDS-A325e	325	1.04	312.50	grey	147.46	26.4	5.58	115	100	57	82	Ø10	M10x25L
YDS-A350e	350	1.00	350.00	blue	158.80	25.4	6.25	125	100	57	82	Ø10	M10x25L
YDS-A425e	425	1.00	425.00	orange	192.83	25.4	7.59	125	100	57	82	Ø10	M10x25L
YDS-A450e	450	1.00	450.00	green	204.17	25.4	8.04	125	100	57	82	Ø10	M10x25L
YDS-A575e	575	1.00	575.00	yellow	260.89	25.4	10.27	130	100	57	82	Ø10	M10x25L
YDS-A620e	620	1.00	620.00	black	281.31	25.4	11.08	130	100	57	82	Ø10	M10x25L
YDS-B90	90	1.85	48.65	brown	40.83	47.0	0.87	145	133	70	105	Ø14	M10x25L
YDS-B120	120	1.78	67.42	white	54.45	45.2	1.20	145	133	70	105	Ø14	M10x25L
YDS-B155	155	1.67	92.81	orange	70.33	42.4	1.66	145	133	70	105	Ø14	M10x25L
YDS-B200	200	1.56	128.21	tan	90.74	39.6	2.29	145	133	70	105	Ø14	M10x25L
YDS-B270	270	1.45	186.21	red	122.50	36.8	3.33	145	133	70	105	Ø14	M10x25L
YDS-B320	320	1.32	242.42	green	145.19	33.5	4.33	145	133	70	105	Ø14	M10x25L
YDS-B445	445	1.30	342.31	blue	201.91	33.0	6.11	145	133	70	105	Ø14	M10x25L
YDS-B500	500	1.25	400.00	pink	226.86	31.8	7.15	145	133	70	105	Ø14	M10x25L
YDS-B550	550	1.20	458.33	orange	249.55	30.5	8.19	145	133	70	105	Ø14	M10x25L
YDS-B630	630	1.12	562.50	grey	285.84	28.4	10.05	145	133	70	105	Ø14	M10x25L
YDS-B815	815	1.05	776.19	black	369.78	26.7	13.87	145	133	70	105	Ø14	M10x25L
YDS-B910	910	1.00	910.00	yellow	412.89	25.4	16.26	150	133	70	105	Ø14	M10x25L
YDS-B1000	1000	1.00	1000.00	white	453.72	25.4	17.86	145	133	70	105	Ø14	M10x25L
YDS-B1220i	1220	1.00	1220.00	black + yellow	553.54	25.4	21.79	150	133	70	105	Ø14	M10x25L
YDS-B1450i	1450	1.00	1450.00	white + yellow	657.89	25.4	25.90	150	133	70	105	Ø14	M10x25L
YDS-C140	140	1.95	71.79	brown	63.52	49.5	1.28	150	152	83	120	Ø14	M10x25L
YDS-C240	240	1.77	135.59	blue	108.89	45.0	2.42	150	152	83	120	Ø14	M10x25L
YDS-C380	380	1.62	234.57	green	172.41	41.1	4.19	150	152	83	120	Ø14	M10x25L
YDS-C410	410	1.57	261.15	grey	186.03	39.9	4.66	150	152	83	120	Ø14	M10x25L
YDS-C530	530	1.42	373.24	red	240.47	36.1	6.67	150	152	83	120	Ø14	M10x25L
YDS-C650	650	1.38	471.01	yellow	294.92	35.1	8.41	150	152	83	120	Ø14	M10x25L
YDS-C750	750	1.18	635.59	orange	340.29	30.0	11.35	150	152	83	120	Ø14	M10x25L
YDS-C900	900	1.05	857.14	tan	408.35	26.7	15.31	150	152	83	120	Ø14	M10x25L
YDS-C1040	1040	1.00	1040.00	white	471.87	25.4	18.58	150	152	83	120	Ø14	M10x25L
YDS-C1260i	1260	1.00	1260.00	white + green	571.69	25.4	22.51	150	152	83	120	Ø14	M10x25L
YDS-C1470	1470	1.00	1470.00	black	666.97	25.4	26.26	160	152	83	120	Ø14	M10x25L
YDS-C1720i	1720	1.00	1720.00	black + red	780.40	25.4	30.72	160	152	83	120	Ø14	M10x25L
YDS-C1900	1900	1.00	1900.00	yellow	862.07	25.4	33.94	160	152	83	120	Ø14	M10x25L
YDS-C2080i	2080	1.00	2080.00	black + blue	943.74	25.4	37.16	160	152	83	120	Ø14	M10x25L
YDS-C2330i	2330	1.00	2330.00	yellow + orange	1057.17	25.4	44.62	160	152	83	120	Ø14	M10x25L
YDS-C2510i	2510	1.00	2510.00	yellow + blue	1138.84	25.4	44.84	160	152	83	120	Ø14	M10x25L