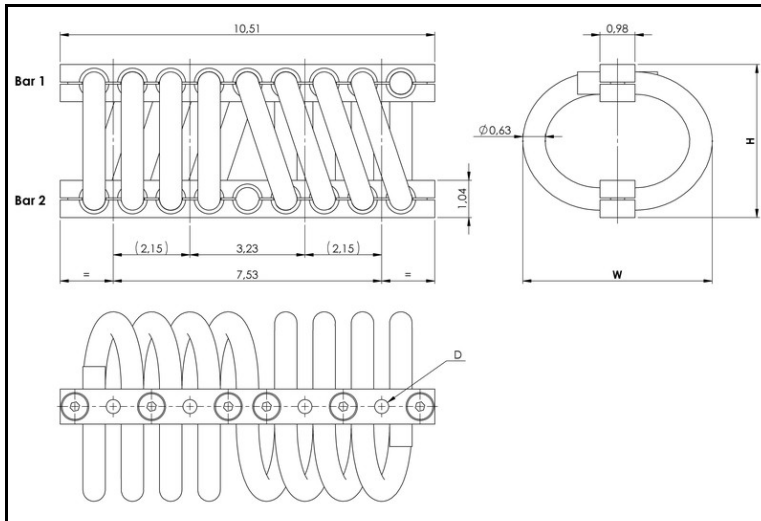


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series CB1500



- All metal multidirectional anti-vibration/shock mounts
- Exceptional reliability and long life
- High damping
- No aging
- Corrosion resistant
- Unequalled temperature range : -180°C to +300°C / -290F to 570 F
- Great adaptability/versatility

Specials on request

(material size and number of loops, etc.)

Dimensions are in inches. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
CB1500
Cable: stainless steel galvanized available: CBG
Retainer bars: aluminium alloy/ SurTec
Screws: alloy steel/ zinc plate
Inserts: stainless steel
All stainless steel: CBSS
Other materials on request

MODEL	height H (in)	width W (in)	weight (lbs)
-12	3,5	4,0	6,0
-15	3,8	4,4	6,5
-17	3,9	4,7	6,8
-20	4,3	5,3	7,5
-30	4,7	6,0	8,3
-40	5,0	6,5	9,0
-50	5,3	7,0	9,5
-60	5,7	7,3	10

INTERFACES			
fixtures holes D	Bar 1		
	ø 0.43 in through holes	ø 0.43 in through holes counter-sunk 82°	3/8 - 24 inserts
Bar 2			
ø 0.43 in through holes	T2	not standard	not standard
ø 0.43 in through holes counter-sunk 82°	C	C2	not standard
3/8 - 24 inserts	I	CI	I2

C	B	1	5	0	0	-	1	2	C	I
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SERIE: CB1500

'Helical' mount from the CB1500 series

MODEL: -12

height: 3,5in

width: 4,0in

weight: 6,0lbs

loops: serie

standard is 08 loops

INTERFACE: CI

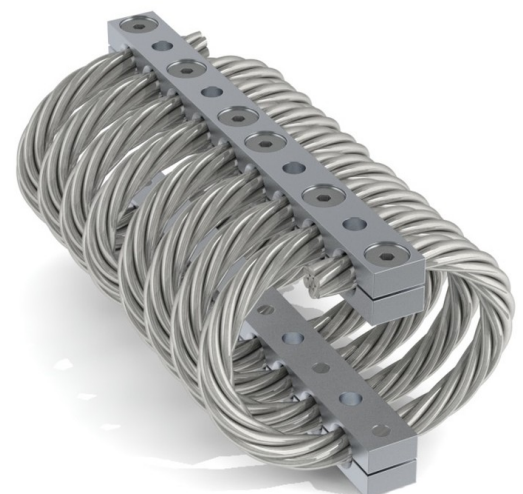
ø 0.43 in through

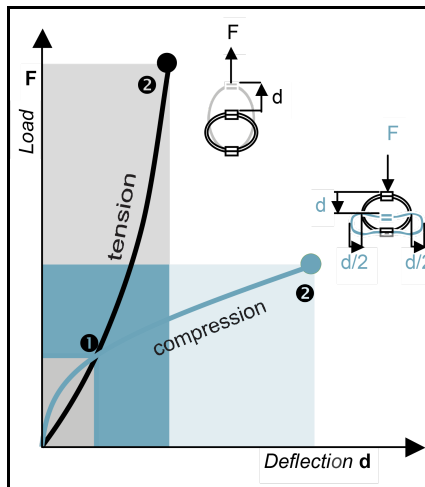
holes counter-sunk

82° in bar 1,

3/8 - 24 inserts in

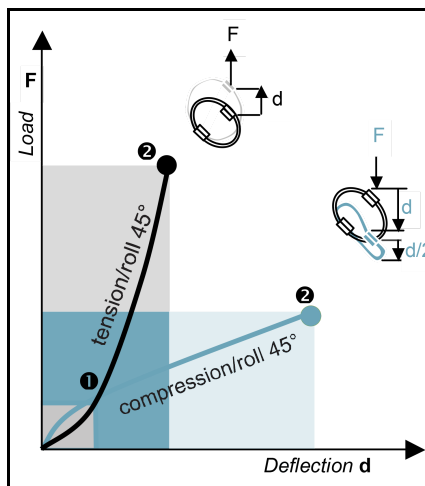
bar 2





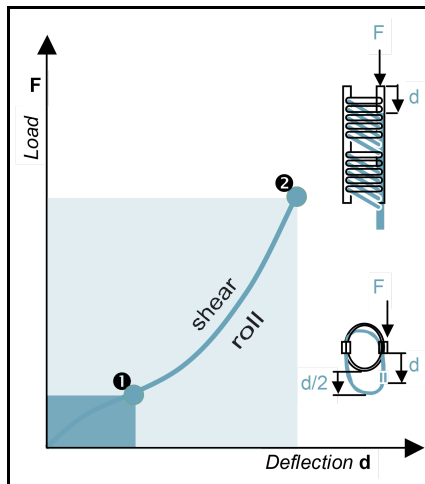
COMPRESSION AND TENSION

CB1500 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60
1.Max Static	F lbf	1800	1500	1300	1000	780	660	570	540
	d in	0,24	0,28	0,31	0,37	0,43	0,48	0,54	0,61
2.Max Shock	F lbf	5500	4500	3900	3000	2300	2000	1700	1600
	d in	1,3	1,5	1,7	2,0	2,3	2,6	2,9	3,3
3.Max Vibration	2a in	0,14	0,17	0,18	0,22	0,26	0,29	0,32	0,36
	f Hz	8,1	7,4	7,0	6,4	5,9	5,6	5,3	5,0
1.Max Static	F lbf	1800	1500	1300	1000	780	660	570	540
	d in	0,19	0,23	0,26	0,32	0,39	0,45	0,50	0,53
2.Max Shock	F lbf	19000	16000	14000	12000	9400	8100	7100	6200
	d in	0,84	1,0	1,2	1,6	2,0	2,3	2,6	2,6
3.Max Vibration	2a in	0,09	0,11	0,14	0,17	0,22	0,26	0,29	0,29
	f Hz	10,6	9,5	8,8	7,8	7,0	6,6	6,2	6,1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

CB1500 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60
1.Max Static	F lbf	1400	1100	960	750	590	500	430	400
	d in	0,35	0,41	0,43	0,51	0,70	0,78	0,86	0,84
2.Max Shock	F lbf	3600	3000	2600	2000	1600	1300	1200	1100
	d in	1,9	2,3	2,5	3,0	3,5	3,9	4,4	4,9
3.Max Vibration	2a in	0,21	0,25	0,27	0,33	0,39	0,43	0,48	0,54
	f Hz	6,0	5,5	5,3	4,8	4,4	4,1	3,9	3,7
1.Max Static	F lbf	1400	1100	960	750	590	500	430	400
	d in	0,23	0,29	0,32	0,36	0,48	0,56	0,65	0,70
2.Max Shock	F lbf	9400	8000	7100	5800	4700	4100	3600	3100
	d in	0,95	1,2	1,4	1,8	2,3	2,7	3,0	3,0
3.Max Vibration	2a in	0,11	0,13	0,16	0,20	0,25	0,29	0,33	0,33
	f Hz	8,5	7,7	7,1	6,3	5,7	5,3	5,0	5,0



SHEAR OR ROLL

CB1500 Series	Model	-12	-15	-17	-20	-30	-40	-50	-60
1.Max Static	F lbf	910	750	640	500	390	330	280	270
	d in	0,27	0,33	0,38	0,48	0,60	0,69	0,78	0,87
2.Max Shock	F lbf	5400	4400	3900	3100	2400	2100	1800	1500
	d in	1,2	1,5	1,7	2,1	2,6	3,0	3,3	3,5
3.Max Vibration	2a in	0,14	0,16	0,19	0,23	0,29	0,33	0,37	0,39
	f Hz	3,0	2,7	2,5	2,3	2,0	1,9	1,8	1,8

1. Max static load (F) with corresponding deflection (d)
2. Max shock load (F) with corresponding deflection (d)
3. Uncoupled resonant frequency (f) under max static loading 1. and max peak to peak sinusoidal vibration input (2a)

***IMPORTANT:** Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us

TYPICAL SHOCK/VIBRATION SPECIFICATIONS:

Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810
Ground Forces	GAM EG13A, SEFT 001, MIL-STD-810, VG 9533
Marine	GAM EG13C, IT25-21/96-31/15-86, MIL-S-167, MIL-S-901, STANAG 042, BV 043.73, BV 044
Others	GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C

