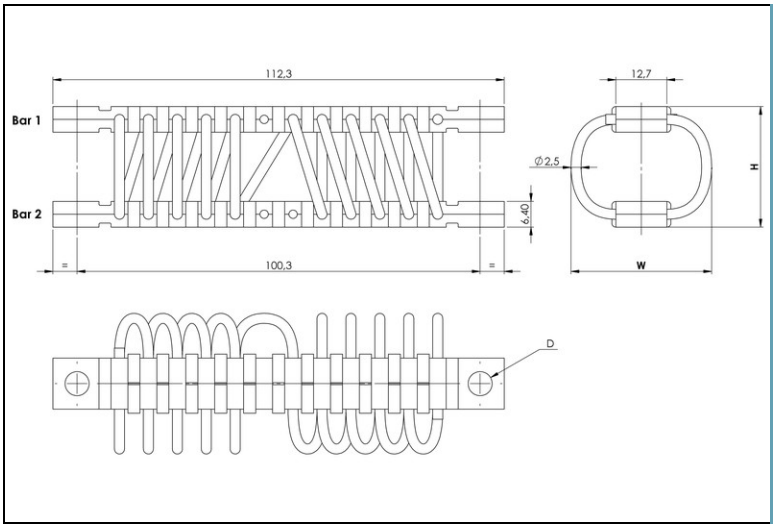
WIRE ROPE ISOLATORS: 'HELICAL'



- 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 milimeters. For reference only

SERIES

Materials and finishes (meets RoHS requirements)

C3H

Cable:
stainless steel

Retainer bars:
aluminium alloy/ SurTec

Clips:
stainless steel

Inserts:
alloy steel/ zinc plate

Other materials on request

MODEL

	height H (mm)	width W (mm)	weight (kg)
310	23	28	0,07
410	25	30	0,08
510	28	33	0,08
610	33	38	0,08
710	36	41	0,08
810	38	43	0,09
910	40	46	0,09
1010	44	49	0,09

INTERFACES

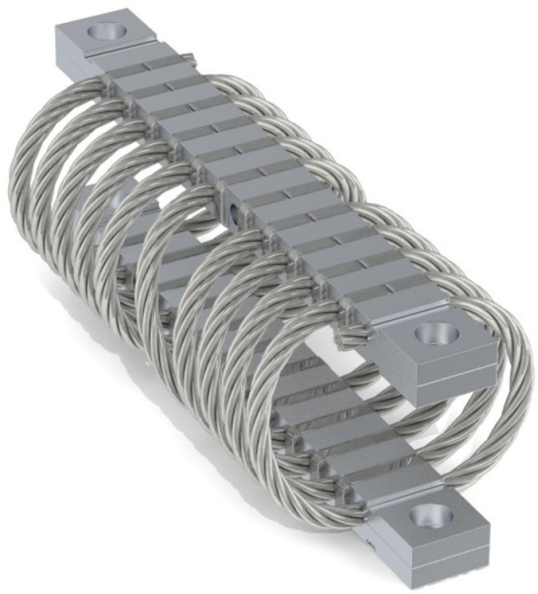
fixtures holes D	Bar 1		
Bar 2	2 through holes ø5,3mm	2 through holes ø5,3mm countersunk 90°	2 inserts M5
2 through holes ø5,3mm	no suffix	not standard	not standard
2 through holes ø5,3mm countersunk 90°	CM	CM2	not standard
2 inserts M5	IM	CIM	IM2

C	3	H	3	1	0	C	I	M

SERIE: C3H
'Helical' mount from the C3H series

MODEL: 310
height: 23mm
width: 28mm
weight: 0,07kg
loops: serie standard is 10 loops

INTERFACE: CIM
2 through holes ø5,3mm countersunk 90° in bar 1,
2 inserts M5 in bar 2



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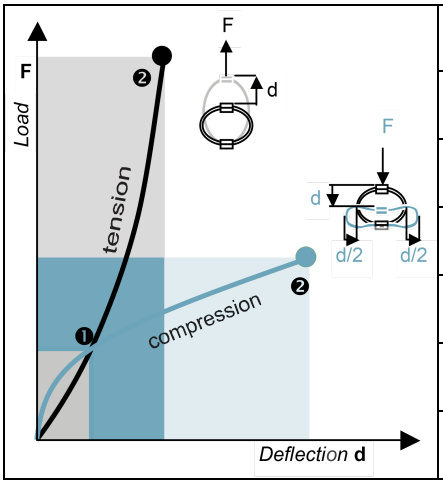
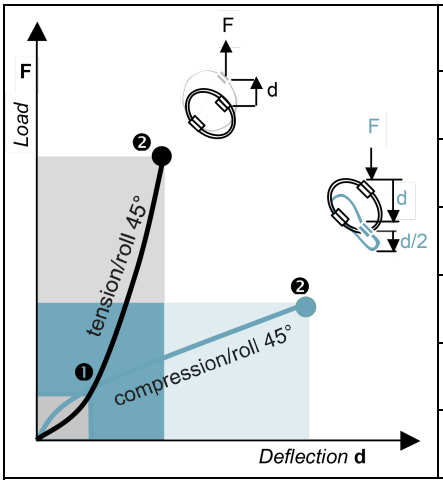


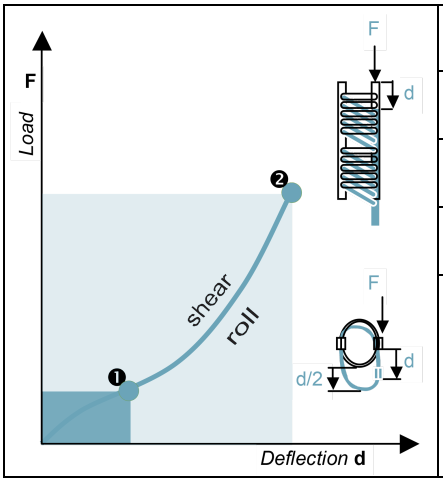
COMPRESSION AND TENSION

C3H Series	Model	310	410	510	610	710	810	910	1010
1. Max Static	F daN	15,0	12,5	9,9	7,1	6,0	5,4	4,7	4,0
	d mm	1,4	1,7	2,1	2,8	3,2	3,5	4,0	4,4
2. Max Shock	F daN	44,9	37,6	29,7	21,2	17,8	16,0	14,0	12,1
	d mm	9	10	13	18	20	22	24	28
3. Max Vibration	2a mm	1,0	1,2	1,5	2,0	2,3	2,5	2,7	3,1
	f Hz	10,7	9,8	8,8	7,7	7,2	7,0	6,9	6,3
1. Max Static	F daN	15,0	12,5	9,9	7,1	6,0	5,4	4,7	4,0
	d mm	0,9	1,1	1,4	1,8	2,1	2,3	2,6	2,9
2. Max Shock	F daN	118	99,7	79,1	57,0	48,1	43,3	39,0	32,8
	d mm	3	3	4	6	7	8	9	10
3. Max Vibration	2a mm	0,4	0,4	0,5	0,7	0,8	0,9	1,1	1,2
	f Hz	21,4	19,5	17,4	15,0	13,9	13,3	12,5	11,9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

C3H Series	Model	310	410	510	610	710	810	910	1010
1. Max Static	F daN	11,2	9,4	7,4	5,3	4,5	4,0	3,5	3,0
	d mm	2,0	2,4	3,0	4,0	4,7	5,1	5,7	6,3
2. Max Shock	F daN	27,9	23,4	18,5	13,2	11,2	10,0	8,8	7,6
	d mm	13	16	20	27	31	34	36	42
3. Max Vibration	2a mm	1,5	1,8	2,3	3,0	3,4	3,7	4,0	4,6
	f Hz	9,2	8,5	7,7	6,7	6,3	6,0	5,9	5,4
1. Max Static	F daN	11,2	9,4	7,4	5,3	4,5	4,0	3,5	3,0
	d mm	1,2	1,4	1,8	2,4	2,8	3,1	3,5	3,9
2. Max Shock	F daN	57,9	48,7	38,7	27,9	23,6	21,2	19,2	16,0
	d mm	3	4	5	7	8	9	11	12
3. Max Vibration	2a mm	0,4	0,5	0,6	0,8	1,0	1,0	1,2	1,3
	f Hz	19,0	17,3	15,4	13,3	12,4	11,9	11,1	10,6



SHEAR OR ROLL

C3H Series	Model	310	410	510	610	710	810	910	1010
1. Max Static	F daN	7,5	6,3	5,0	3,5	3,0	2,7	2,3	2,0
	d mm	2,4	2,9	3,6	5,0	5,8	6,3	6,8	7,9
2. Max Shock	F daN	29,7	24,5	19,0	13,3	11,1	9,9	9,0	7,4
	d mm	6	8	10	13	15	17	19	21
3. Max Vibration	2a mm	0,8	0,9	1,1	1,5	1,8	1,9	2,1	2,4
	f Hz	13,7	12,5	11,2	9,7	9,0	8,7	8,3	7,8

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