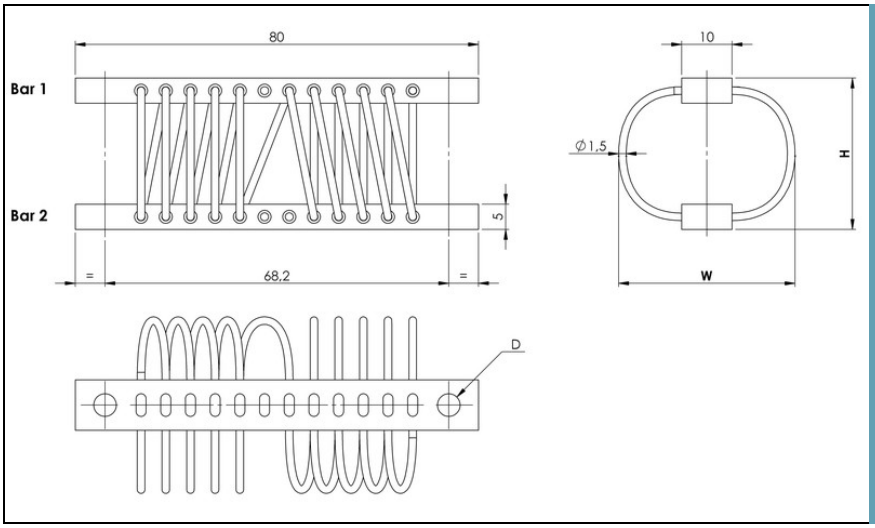
WIRE ROPE ISOLATORS: 'HELICAL'



- 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)

FH04

Cable:
stainless steel

Retainer bars:
aluminium alloy/ SurTec

All stainless steel : C2HSS

Other materials on request

MODEL

	height H (mm)	width W (mm)	weight (kg)
-02	18	25	0.03
-04	20	28	0.03
-06	25	30	0.03
-08	28	33	0.03
-10	30	35	0.03
-12	33	38	0.03
-14	35	40	0.03
-16	38	43	0.03

INTERFACES

fixtures holes D	Bar 1		
Bar 2	2 through holes ø 4,5mm	2 through holes ø 4,5mm countersunk 90°	2 x M4
2 through holes ø 4,5mm	TM2	not standard	not standard
2 through holes ø 4,5mm countersunk 90°	TCM	CM2	not standard
2 x M4	TIM	CIM	IM2

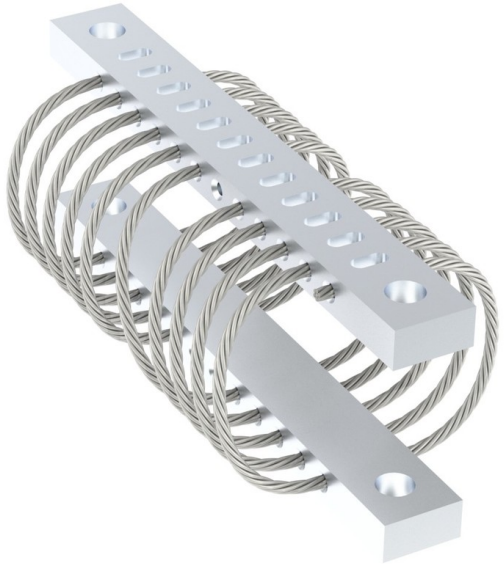
F	H	0	4	-	0	2	1	0	C	I	M

SERIE: FH04
'Helical' mount from the FH04 series

MODEL: -02
height: 18mm
width: 25mm
weight: 0.03kg

LOOPS: 10
Serie standard is 10 loops

INTERFACE: CIM
2 through holes ø 4,5mm countersunk 90° in bar 1, 2 x M4 in bar 2



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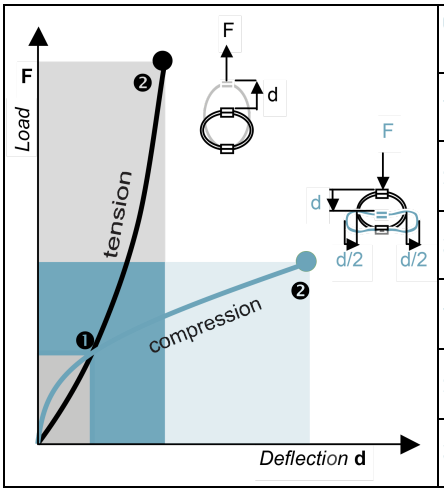
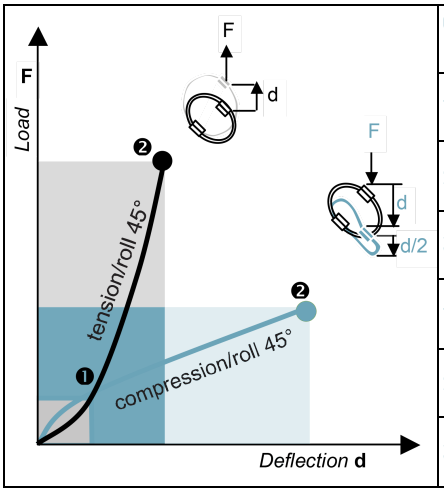


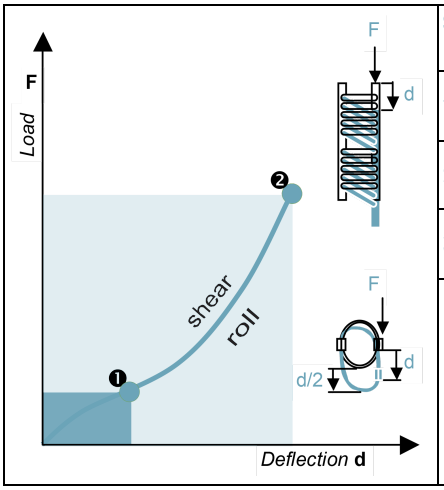
COMPRESSION AND TENSION

FH04 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16
1.Max Static	F daN	5.5	4.1	3.6	2.9	2.5	2.1	1.9	1.6
	d mm	1.3	1.7	2.3	2.8	3	3.5	3.8	4.2
2.Max Shock	F daN	16.4	12.4	10.6	8.6	7.6	6.3	5.7	4.9
	d mm	7	9	13	16	18	20	22	25
3.Max Vibration	2a mm	0.8	1	1.5	1.8	2	2.3	2.5	2.8
	f Hz	17.1	15.2	12.8	11.8	11.2	10.4	10	9.4
1.Max Static	F daN	5.5	4.1	3.6	2.9	2.5	2.1	1.9	1.6
	d mm	1.1	1.4	1.6	1.8	2	2.3	2.5	2.8
2.Max Shock	F daN	59.4	46.2	30.9	24.7	21.6	18.1	16.2	13.9
	d mm	5	6	5	7	7	8	9	10
3.Max Vibration	2a mm	0.6	0.7	0.7	0.8	0.8	1	1	1.2
	f Hz	21.7	19	19.2	17.7	16.8	15.8	15.2	14.4



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH04 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16
1.Max Static	F daN	4.1	3.1	2.7	2.2	1.9	1.6	1.4	1.2
	d mm	1.9	2.3	2.8	3.4	3.8	4.4	4.8	5.4
2.Max Shock	F daN	10.9	8.3	6.8	5.4	4.8	4	3.6	3.1
	d mm	10	13	20	24	27	31	33	37
3.Max Vibration	2a mm	1.2	1.5	2.2	2.7	3	3.4	3.7	4.2
	f Hz	12.8	11.4	9.7	8.8	8.4	7.8	7.5	7.1
1.Max Static	F daN	4.1	3.1	2.7	2.2	1.9	1.6	1.4	1.2
	d mm	1.3	1.7	2	2.4	2.6	3	3.2	3.5
2.Max Shock	F daN	29.7	23.1	15.2	12.2	10.6	8.9	8	6.8
	d mm	5	7	6	8	8	10	10	12
3.Max Vibration	2a mm	0.6	0.8	0.8	0.9	1	1.1	1.2	1.3
	f Hz	17.4	15.4	15.6	14.3	13.6	12.8	12.2	11.6



SHEAR OR ROLL

FH04 Series	Model	-02	-04	-06	-08	-10	-12	-14	-16
1.Max Static	F daN	2.7	2.1	1.8	1.4	1.3	1	1	0.8
	d mm	1.6	2.1	3.4	4.3	4.8	5.4	5.8	7.1
2.Max Shock	F daN	16.4	12.3	7.7	6.1	5.2	4.3	3.8	3.3
	d mm	7	9	11	13	14	16	18	20
3.Max Vibration	2a mm	0.8	1	1.2	1.4	1.6	1.8	2	2.2
	f Hz	6.2	5.5	5.5	5.1	4.9	4.6	4.4	4.2

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