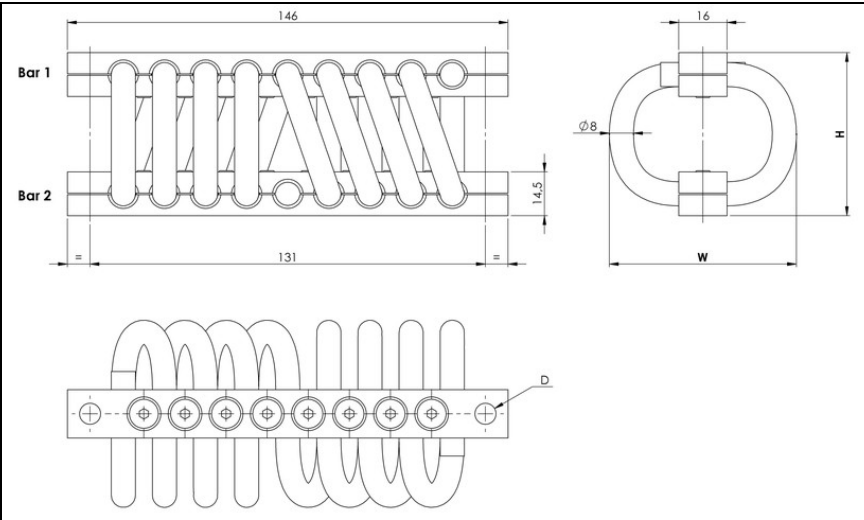


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH36



- 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 millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
FH36
Cable: stainless steel galvanized available: CB
Retainer bars: aluminium alloy/ SurTec
Screws: alloy steel/ zinc plate
Inserts: stainless steel
All stainless steel: CBSS
Other materials on request

MODEL	height H (mm)	width W (mm)	weight (kg)
-16	48	59	0.44
-32	54	66	0.49
-34	59	74	0.53
-36	63	83	0.57
-38	63	92	0.60
-40	67	98	0.63
-44	67	103	0.64
-46	82	111	0.72
-48	98	130	0.83

INTERFACES			
fixtures holes D	Bar 1		
	2 through holes Ø7mm	2 through holes Ø7mm counter- sunk 90°	2 inserts M6
Bar 2			
2 through holes Ø7mm	TM2	not standard	not standard
2 through holes Ø7mm counter- sunk 90°	TCM	CM2	not standard
2 inserts M6	TIM	CIM	IM2

F	H	3	6	-	1	6	0	8	C	I	M
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SERIE: FH36
'Helical' mount from the
FH36 series

MODEL: -16
height: 48mm
width: 59mm
weight: 0.44kg

LOOPS: 08
Serie
standard is
08 loops

INTERFACE: CIM
2 through holes Ø7mm
counter-sunk 90° in bar 1,
2 inserts M6 in bar 2





COMPRESSION AND TENSION

FH36 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	168	133	104	80.8	62.6	55.5	49.2	45.5	34
	d mm	3.2	4.2	5	5.6	5.6	6.3	6.3	8.8	11.5
2.Max Shock	F daN	505	401	312	242	187	166	147	136	102
	d mm	17	22	27	30	30	34	34	47	62
3.Max Vibration	2a mm	1.9	2.5	3	3.4	3.4	3.8	3.8	5.2	6.8
	f Hz	11	9.6	8.8	8.2	8.1	7.6	7.6	6.6	5.8
1.Max Static	F daN	168	133	104	80.8	62.6	55.5	49.2	45.5	34
	d mm	2.8	3.5	4.3	5.3	5.6	6.3	6.3	8.3	10.4
2.Max Shock	F daN	1927	1475	1191	1002	949	831	521	570	405
	d mm	13	16	21	27	37	41	39	43	52
3.Max Vibration	2a mm	1.5	1.8	2.3	3	4.2	4.6	4.4	4.8	5.8
	f Hz	13.6	12.1	10.8	9.6	8.5	8.1	8	7.6	6.9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH36 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	126	100	78.2	60.6	46.9	41.6	36.9	34.1	25.5
	d mm	4.4	5.9	6.9	9	9.8	11.1	10.7	14	15.6
2.Max Shock	F daN	338	267	209	164	131	116	104	92.8	68.8
	d mm	25	33	40	45	45	51	51	71	93
3.Max Vibration	2a mm	2.8	3.7	4.5	5	5	5.6	5.6	7.9	10.2
	f Hz	8.3	7.2	6.6	6.1	6	5.7	5.7	4.9	4.3
1.Max Static	F daN	126	100	78.2	60.6	46.9	41.6	36.9	34.1	25.5
	d mm	3.5	4.2	5.6	6.8	6.6	7.1	9	9.2	12.3
2.Max Shock	F daN	965	737	596	504	482	421	275	287	203
	d mm	15	18	24	31	43	47	45	49	59
3.Max Vibration	2a mm	1.7	2.1	2.6	3.5	4.8	5.2	5	5.5	6.6
	f Hz	11	9.8	8.8	7.8	6.9	6.6	6.6	6.1	5.6



SHEAR OR ROLL

FH36 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	84.2	66.9	52.1	40.4	31.3	27.8	24.6	22.8	17
	d mm	3.8	5.1	6.4	7.2	7.2	9.3	8.6	12.6	17
2.Max Shock	F daN	549	402	316	259	235	204	157	140	98.3
	d mm	18	22	28	34	42	46	45	55	68
3.Max Vibration	2a mm	2	2.5	3.1	3.8	4.7	5.2	5	6.1	7.5
	f Hz	3.8	3.5	3.1	2.8	2.4	2.3	2.5	2.2	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