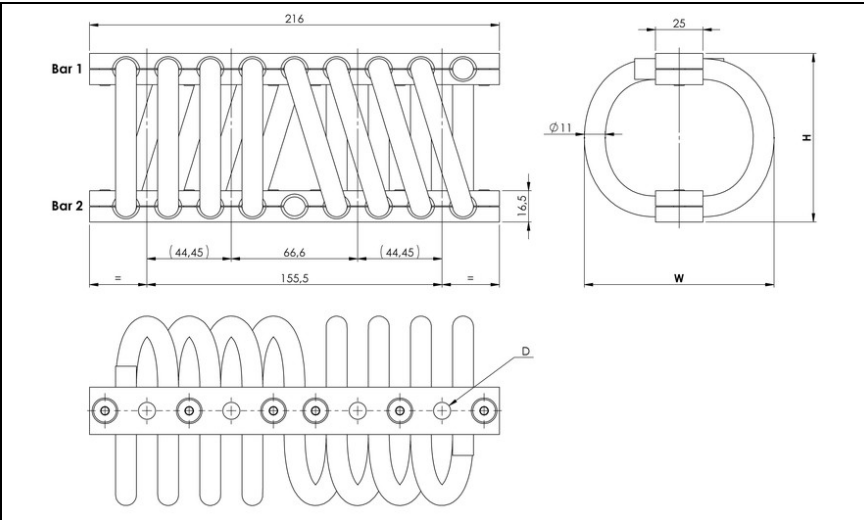


WIRE ROPE ISOLATORS: 'HELICAL'



- 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 millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
FH48
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 (mm)	width W (mm)	weight (kg)
-20	68	83	1.1
-24	71	87	1.1
-32	74	93	1.2
-36	77	107	1.3
-38	89	111	1.4
-44	105	124	1.6
-46	108	143	1.7
-48	124	146	1.8
-50	134	156	1.9
-52	155	183	2.2

INTERFACES			
fixtures holes D	Bar 1		
	4 through holes ø8,8mm	4 through holes ø8,8mm counter-sunk 90°	4 inserts M8
Bar 2			
4 through holes ø8,8mm	TM2	not standard	not standard
4 through holes ø8,8mm counter- sunk 90°	TCM	CM2	not standard
4 inserts M8	TIM	CIM	IM2

F	H	4	8	-	2	0	0	8	C	I	M
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SERIE: FH48
'Helical' mount from the
FH48 series

MODEL: -20
height: 68mm
width: 83mm
weight: 1.1kg

LOOPS: 08
Serie
standard is
08 loops

INTERFACE: CIM
4 through holes ø8,8mm
counter-sunk 90° in bar 1,
4 inserts M8 in bar 2





COMPRESSION AND TENSION

FH48 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52
1.Max Static	F daN	359	323	281	198	189	150	108	106	93.5	67.9
	d mm	5.6	6.1	6.8	7.3	9.3	11.6	12.4	14.8	16.3	20.3
2.Max Shock	F daN	1077	970	845	594	568	450	326	320	280	203
	d mm	31	34	36	39	50	64	67	81	90	109
3.Max Vibration	2a mm	3.5	3.8	4.1	4.4	5.5	7.1	7.4	9	10	12.1
	f Hz	8.4	8	7.6	7.2	6.5	5.8	5.6	5.2	4.9	4.4
1.Max Static	F daN	359	323	281	198	189	150	108	106	93.5	67.9
	d mm	3.8	4.2	4.9	6.4	6.7	7.9	10.2	10.2	11.1	14
2.Max Shock	F daN	3210	2936	2692	2293	1828	1356	1175	978	848	634
	d mm	14	16	20	31	28	31	47	40	44	57
3.Max Vibration	2a mm	1.6	1.8	2.2	3.5	3.1	3.4	5.2	4.5	4.9	6.3
	f Hz	12.2	11.6	10.6	8.8	9	8.4	7.1	7.4	7.1	6.3



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH48 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52
1.Max Static	F daN	269	242	211	148	142	112	81.6	80.2	70.1	50.9
	d mm	6.4	8.5	8.8	10.1	11.9	16.2	17.9	20.2	22.6	26.6
2.Max Shock	F daN	688	622	547	398	368	288	216	205	179	131
	d mm	47	51	55	59	75	97	101	122	136	164
3.Max Vibration	2a mm	5.2	5.6	6.1	6.5	8.3	10.7	11.1	13.5	15	18.1
	f Hz	6.3	5.9	5.7	5.4	4.9	4.3	4.2	3.8	3.6	3.3
1.Max Static	F daN	269	242	211	148	142	112	81.6	80.2	70.1	50.9
	d mm	4.6	5.2	5.9	7.2	8.3	9.8	11.8	12.9	14	18.5
2.Max Shock	F daN	1583	1450	1334	1150	906	669	587	483	418	313
	d mm	16	19	23	36	32	35	54	46	50	65
3.Max Vibration	2a mm	1.9	2.1	2.6	4	3.6	4	6	5.1	5.6	7.2
	f Hz	9.9	9.4	8.6	7.1	7.3	6.8	5.7	6	5.7	5.1



SHEAR OR ROLL

FH48 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52
1.Max Static	F daN	179	161	140	99	94.7	75.1	54.4	53.4	46.8	34
	d mm	7.7	8.6	9.1	9.4	12.2	17	17.6	21.7	23.5	29.9
2.Max Shock	F daN	839	762	697	588	459	330	288	234	202	150
	d mm	26	29	32	42	45	54	67	70	77	95
3.Max Vibration	2a mm	2.9	3.2	3.6	4.7	5	6	7.4	7.7	8.5	10.5
	f Hz	3.5	3.3	3.1	2.6	2.6	2.5	2.1	2.2	2.1	1.9

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

