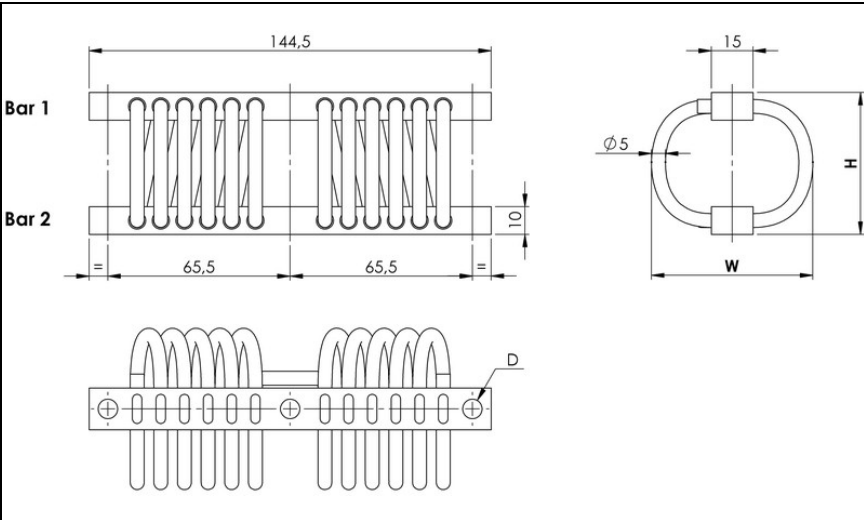


WIRE ROPE ISOLATORS: 'HELICAL'



- 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)
FH24
Cable: stainless steel (galvanized available)
Retainer bars: aluminium alloy/ SurTec
All stainless steel : CSS
Other materials on request

MODEL	height H (mm)	width W (mm)	weight (kg)
-22	51	58	0.24
-26	53	63	0.25
-30	52	70	0.26
-32	55	74	0.27
-42	57	80	0.28
-46	82	106	0.36

INTERFACES			
fixtures holes D	Bar 1		
	3 through holes ø7mm	3 through holes ø7mm countersunk 90°	3 x M6
Bar 2			
3 through holes ø7mm	TM2	not standard	not standard
3 through holes ø7mm countersunk 90°	TCM	CM2	not standard
3 x M6	TIM	CIM	IM2

F	H	2	4	-	2	2	1	1	C	I	M
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SERIE: FH24
'Helical' mount from the
FH24 series

MODEL: -22
height: 51mm
width: 58mm
weight: 0.24kg

LOOPS: 11
Serie
standard is
11 loops

INTERFACE: CIM
3 through holes ø7mm
countersunk 90° in bar 1,
3 x M6 in bar 2





COMPRESSION AND TENSION

FH24 Series	Model	-22	-26	-30	-32	-42	-46
1.Max Static	F daN	44	37.7	29	25.9	21.7	14.5
	d mm	4.8	5.5	5.3	5.8	6.1	10.3
2.Max Shock	F daN	131	113	87	77.6	65.2	43.6
	d mm	27	29	28	31	33	55
3.Max Vibration	2a mm	3.1	3.3	3.2	3.5	3.7	6.1
	f Hz	8.9	8.5	8.5	8.1	7.8	6.2
1.Max Static	F daN	44	37.7	29	25.9	21.7	14.5
	d mm	3.2	3.8	4.6	5.1	5.7	7.7
2.Max Shock	F daN	381	351	333	296	268	144
	d mm	12	15	22	24	29	33
3.Max Vibration	2a mm	1.4	1.7	2.5	2.7	3.3	3.6
	f Hz	13.4	12.1	10.4	10	9.2	8.4



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH24 Series	Model	-22	-26	-30	-32	-42	-46
1.Max Static	F daN	33	28.3	21.7	19.4	16.3	10.9
	d mm	5.8	7.2	7.4	8.1	9.8	12.9
2.Max Shock	F daN	83.8	72.9	58.3	52	44.2	28.4
	d mm	41	44	43	47	49	83
3.Max Vibration	2a mm	4.6	4.9	4.8	5.2	5.5	9.2
	f Hz	6.7	6.4	6.4	6.1	5.8	4.7
1.Max Static	F daN	33	28.3	21.7	19.4	16.3	10.9
	d mm	4.2	5	6	6.6	7.3	10
2.Max Shock	F daN	187	173	167	148	135	71.7
	d mm	14	17	25	28	34	37
3.Max Vibration	2a mm	1.5	1.9	2.8	3.1	3.7	4.2
	f Hz	10.9	9.8	8.5	8.1	7.5	6.8



SHEAR OR ROLL

FH24 Series	Model	-22	-26	-30	-32	-42	-46
1.Max Static	F daN	22	18.8	14.5	12.9	10.9	7.3
	d mm	6.9	7.6	7.6	8.2	8.6	15.4
2.Max Shock	F daN	95	88.2	83.9	74.1	66.1	34.7
	d mm	22	25	30	33	37	51
3.Max Vibration	2a mm	2.5	2.8	3.4	3.7	4.2	5.7
	f Hz	3.8	3.5	3.1	2.9	2.7	2.5

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