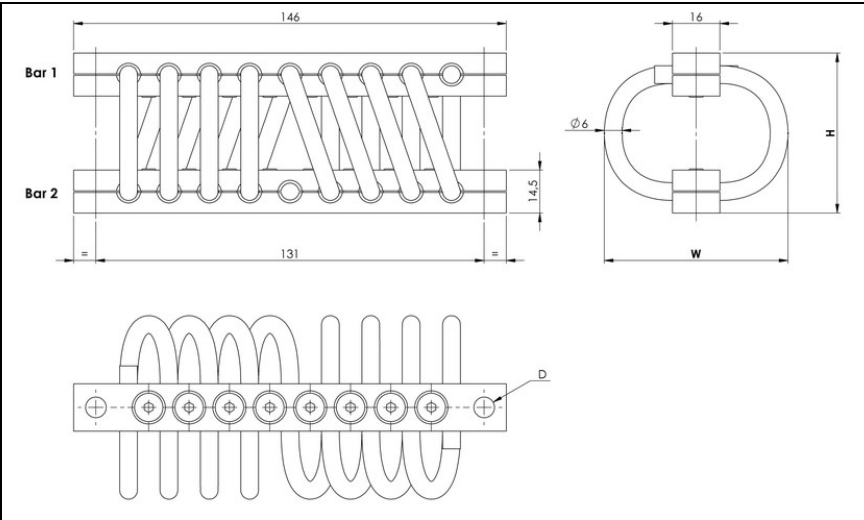


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH28



- 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)
FH28
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)
-16	48	55	0.33
-32	54	62	0.36
-34	59	70	0.38
-36	63	79	0.41
-38	63	88	0.42
-40	67	94	0.44
-44	67	99	0.45
-46	82	107	0.49
-48	98	128	0.56

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	2	8	-	1	6	0	8	C	I	M
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SERIE: FH28
'Helical' mount from the
FH28 series

MODEL: -16
height: 48mm
width: 55mm
weight: 0.33kg

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

FH28 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	75.1	59.2	45.5	35	26.9	23.8	21	19.3	13.9
	d mm	3.2	4.2	5	5.6	5.6	6.3	6.3	8.8	11.5
2.Max Shock	F daN	225	177	136	104	80.8	71.4	63	58	41.6
	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	11.1	9.7	8.8	8.2	8.1	7.7	7.6	6.6	5.8
1.Max Static	F daN	75.1	59.2	45.5	35	26.9	23.8	21	19.3	13.9
	d mm	2.6	3.3	4.1	5.1	5.6	6.3	6.3	8.1	10.4
2.Max Shock	F daN	797	614	494	414	390	342	242	234	165
	d mm	11	14	19	25	35	39	39	41	52
3.Max Vibration	2a mm	1.3	1.6	2.1	2.8	3.9	4.3	4.4	4.6	5.8
	f Hz	14.3	12.7	11.2	9.9	8.8	8.3	8.1	7.8	6.9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH28 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	56.3	44.4	34.2	26.2	20.2	17.8	15.8	14.5	10.4
	d mm	4.6	6.1	7.2	7.7	8.5	9.5	10.9	14.2	15.6
2.Max Shock	F daN	148	116	90.6	70.7	56.1	49.4	44.2	39.2	28
	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	6.2	6.1	5.8	5.7	4.9	4.3
1.Max Static	F daN	56.3	44.4	34.2	26.2	20.2	17.8	15.8	14.5	10.4
	d mm	3.3	4	4.8	6	7.2	7.9	7.7	10	12.3
2.Max Shock	F daN	397	305	246	208	198	173	126	118	83
	d mm	13	16	21	29	40	44	45	47	59
3.Max Vibration	2a mm	1.5	1.8	2.4	3.2	4.5	4.9	5	5.2	6.6
	f Hz	11.6	10.3	9	8	7.1	6.8	6.6	6.3	5.6



SHEAR OR ROLL

FH28 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	37.5	29.6	22.8	17.5	13.5	11.9	10.5	9.7	6.9
	d mm	3.8	5.3	6.7	7.7	8	8.7	8.7	12	17
2.Max Shock	F daN	228	167	131	107	98.1	84.8	69.6	58	40.1
	d mm	16	21	27	33	40	45	45	53	68
3.Max Vibration	2a mm	1.8	2.4	3	3.7	4.5	5	5	5.9	7.5
	f Hz	4	3.6	3.2	2.9	2.5	2.4	2.4	2.3	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