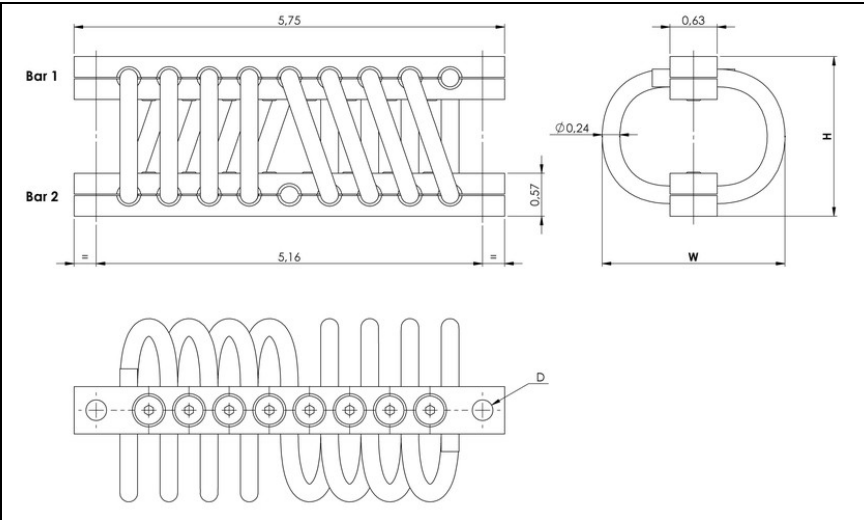


WIRE ROPE ISOLATORS: 'HELICAL'

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 inches. 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 (in)	width W (in)	weight (lbs)
-16	1.9	2.2	0.73
-32	2.1	2.4	0.79
-34	2.3	2.8	0.84
-36	2.5	3.1	0.90
-38	2.5	3.5	0.93
-40	2.6	3.7	0.97
-44	2.6	3.9	0.99
-46	3.2	4.2	1.1
-48	3.9	5.0	1.2

INTERFACES			
fixtures holes D	Bar 1		
	ø 0.28 in through holes	ø 0.28 in through holes counter-sunk 82°	1/4 - 28 inserts
Bar 2			
ø 0.28 in through holes	T2	not standard	not standard
ø 0.28 in through holes counter-sunk 82°	TC	C2	not standard
1/4 - 28 inserts	TI	CI	I2

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

MODEL: -16
height: 1.9in
width: 2.2in
weight: 0.73lbs

LOOPS: 08
Serie standard is 08 loops

INTERFACE: CI
ø 0.28 in through holes counter-sunk 82° in bar 1,
1/4 - 28 inserts in bar 2





COMPRESSION AND TENSION

FH28 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F lbf	170	130	100	79	61	53	47	43	31
	d in	0.12	0.16	0.20	0.22	0.22	0.25	0.25	0.35	0.45
2.Max Shock	F lbf	510	400	310	240	180	160	140	130	93
	d in	0.67	0.89	1.1	1.2	1.2	1.3	1.3	1.9	2.4
3.Max Vibration	2a in	0.07	0.10	0.12	0.13	0.13	0.15	0.15	0.21	0.27
	f Hz	11.1	9.7	8.8	8.2	8.1	7.7	7.6	6.6	5.8
1.Max Static	F lbf	170	130	100	79	61	53	47	43	31
	d in	0.10	0.13	0.16	0.20	0.22	0.25	0.25	0.32	0.41
2.Max Shock	F lbf	1800	1400	1100	930	880	770	540	530	370
	d in	0.46	0.58	0.75	1.0	1.4	1.5	1.6	1.6	2.1
3.Max Vibration	2a in	0.05	0.06	0.08	0.11	0.15	0.17	0.17	0.18	0.23
	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 lbf	130	100	77	59	45	40	35	33	23
	d in	0.18	0.24	0.28	0.30	0.33	0.37	0.43	0.56	0.61
2.Max Shock	F lbf	330	260	200	160	130	110	99	88	63
	d in	1.0	1.3	1.6	1.8	1.8	2.0	2.0	2.8	3.7
3.Max Vibration	2a in	0.11	0.15	0.18	0.20	0.20	0.22	0.22	0.31	0.40
	f Hz	8.3	7.2	6.6	6.2	6.1	5.8	5.7	4.9	4.3
1.Max Static	F lbf	130	100	77	59	45	40	35	33	23
	d in	0.13	0.16	0.19	0.23	0.28	0.31	0.30	0.39	0.49
2.Max Shock	F lbf	890	690	560	470	450	390	280	270	190
	d in	0.52	0.66	0.86	1.1	1.6	1.8	1.8	1.9	2.4
3.Max Vibration	2a in	0.06	0.07	0.09	0.13	0.18	0.19	0.20	0.21	0.26
	f Hz	11.6	10.3	9.0	8.0	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 lbf	84	66	51	39	30	27	24	22	16
	d in	0.15	0.21	0.26	0.30	0.32	0.34	0.34	0.47	0.67
2.Max Shock	F lbf	510	380	300	240	220	190	160	130	90
	d in	0.66	0.85	1.1	1.3	1.6	1.8	1.8	2.1	2.7
3.Max Vibration	2a in	0.07	0.09	0.12	0.14	0.18	0.20	0.20	0.23	0.30
	f Hz	4.0	3.6	3.2	2.9	2.5	2.4	2.4	2.3	2.0

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