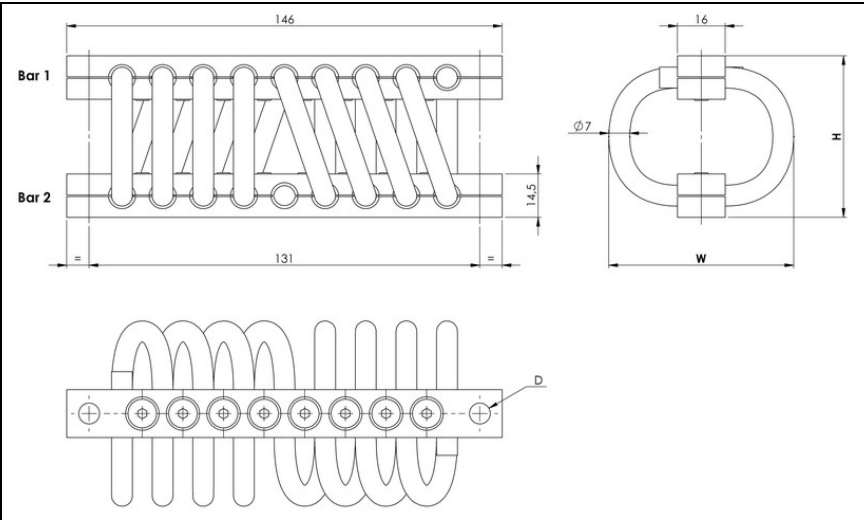


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH32



- 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)
FH32
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	57	0.37
-32	54	64	0.40
-34	59	72	0.43
-36	63	81	0.46
-38	63	90	0.48
-40	67	96	0.50
-44	67	101	0.52
-46	82	109	0.57
-48	98	129	0.66

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	2	-	1	6	0	8	C	I	M
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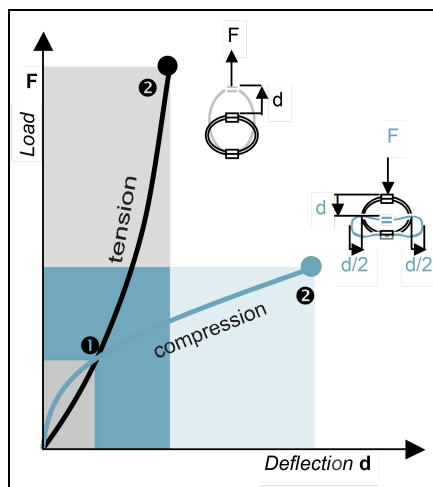
SERIE: FH32
'Helical' mount from the
FH32 series

MODEL: -16
height: 48mm
width: 57mm
weight: 0.37kg

LOOPS: 08
Serie
standard is
08 loops

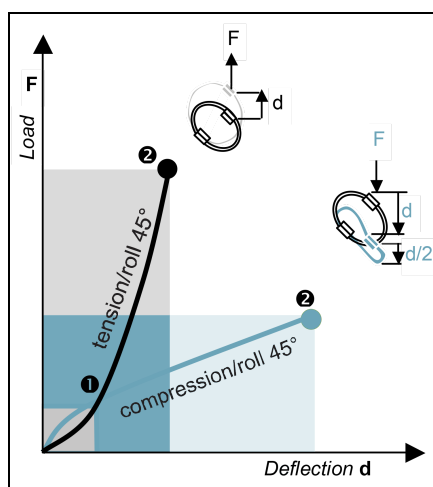
INTERFACE: CIM
2 through holes ø7mm
counter-sunk 90° in bar 1,
2 inserts M6 in bar 2





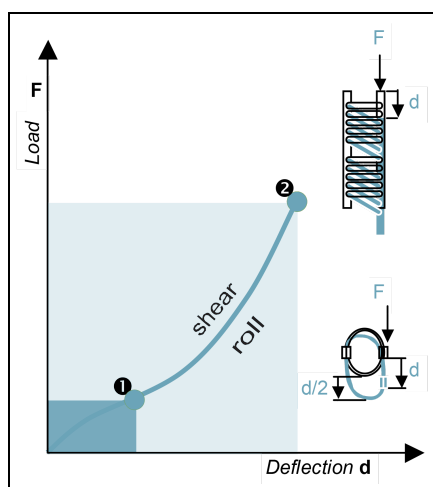
COMPRESSION AND TENSION

FH32 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	107	85.1	65.9	50.8	39.3	34.8	30.7	28.4	20.8
	d mm	3.2	4.2	5	5.6	5.6	6.3	6.3	8.8	11.5
2.Max Shock	F daN	323	255	197	152	117	104	92.2	85.1	62.3
	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	7.6	7.6	6.6	5.8
1.Max Static	F daN	107	85.1	65.9	50.8	39.3	34.8	30.7	28.4	20.8
	d mm	2.6	3.4	4.2	5.2	5.6	6.3	6.3	8.2	10.4
2.Max Shock	F daN	1189	910	733	616	582	510	339	350	247
	d mm	12	15	20	26	36	40	39	42	52
3.Max Vibration	2a mm	1.4	1.7	2.2	2.9	4	4.4	4.4	4.7	5.8
	f Hz	13.9	12.4	11	9.8	8.6	8.2	8	7.7	6.9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH32 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	81	63.8	49.4	38.1	29.4	26.1	23	21.3	15.6
	d mm	4.5	6	7	9.1	9.9	9.4	10.8	14.1	15.6
2.Max Shock	F daN	215	168	131	103	82	72.5	64.9	57.7	42
	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	5.8	5.7	4.9	4.3
1.Max Static	F daN	81	63.8	49.4	38.1	29.4	26.1	23	21.3	15.6
	d mm	3.2	4.4	5.2	6.4	7.6	8.3	7.6	10.4	12.3
2.Max Shock	F daN	594	454	367	309	295	258	178	176	124
	d mm	14	17	22	30	41	46	45	48	59
3.Max Vibration	2a mm	1.6	2	2.5	3.3	4.6	5.1	5	5.4	6.6
	f Hz	11.2	10.1	8.9	7.9	7	6.7	6.5	6.3	5.6



SHEAR OR ROLL

FH32 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F daN	54	42.5	33	25.4	19.6	17.4	15.4	14.2	10.4
	d mm	4.1	4.8	6.1	6.8	7	9	8.7	12.3	17
2.Max Shock	F daN	339	248	195	159	145	125	100	86.3	60
	d mm	17	22	27	34	41	45	45	54	68
3.Max Vibration	2a mm	1.9	2.5	3.1	3.8	4.6	5	5	6	7.5
	f Hz	4	3.5	3.2	2.8	2.4	2.4	2.5	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

