

- 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 (-290°F to 570°F)
- Great adaptability/versatility

Specials on request

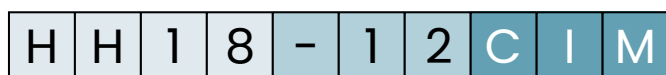
(material size and number of loops, etc.)

Dimensions are in millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
HH18
Cable: stainless steel galvanized available: HHG
Retainer bars: aluminium alloy/ SurTec
Screws: alloy steel/zinc plate
Inserts: stainless steel
All stainless steel: HHSS
Other materials on request

MODEL			
	height H (mm)	width W (mm)	weight (kg)
-12	133	172	6,3
-15	147	187	6,8
-17	163	205	7,4
-20	182	225	8,1
-30	203	249	8,9
-40	228	276	9,8
-50	256	308	10,9

INTERFACES			
fixtures holes D	Bar 1		
	2 through holes ø17,5mm	2 through holes ø17,5mm countersunk k 90°	2 inserts M16
Bar 2			
2 through holes ø17,5mm	TM2	not standard	not standard
2 through holes ø17,5mm countersunk 90°	TCM	CM2	not standard
2 inserts M16	TIM	CIM	IM2



SERIE: HH18

'Half-Helical' mount from the HH18 series

MODEL: -12

height: 133mm

width: 172mm

weight: 6,3kg

loops: serie

standard is 04 loops

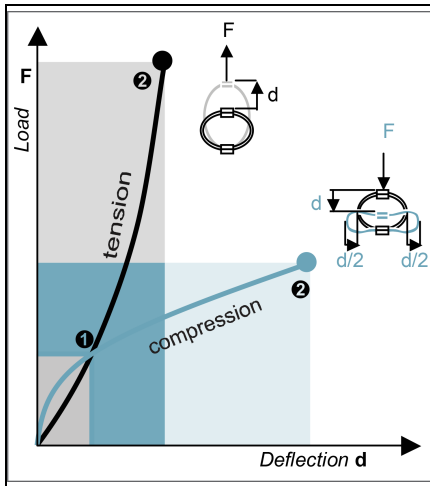
INTERFACE: CIM

2 through holes ø17,5mm

countersunk 90° in bar 1,

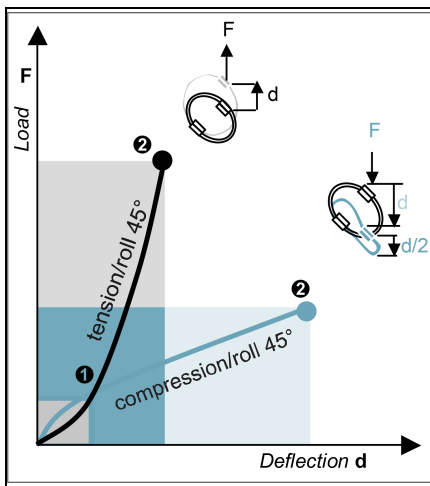
2 inserts M16 in bar 2





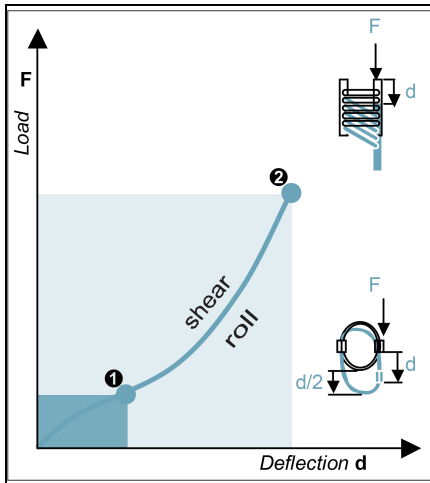
COMPRESSION AND TENSION

HH18 Series	Model	-12	-15	-17	-20	-30	-40	-50
1. Max Static	F daN	983	848	713	598	491	404	327
	d mm	8,1	10,5	13,1	16,3	19,8	23,9	28,6
2. Max Shock	F daN	2949	2546	2140	1796	1475	1212	983
	d mm	44	56	71	88	107	129	154
3. Max Vibration	2a mm	4,8	6,2	7,8	9,7	11,8	14,3	17,0
	f Hz	6,1	5,3	4,7	4,2	3,8	3,4	3,1
1. Max Static	F daN	983	848	713	598	491	404	327
	d mm	8,1	10,0	11,9	14,1	16,6	19,5	22,8
2. Max Shock	F daN	13520	10757	8569	6810	5437	4323	3444
	d mm	47	52	60	68	78	89	103
3. Max Vibration	2a mm	5,2	5,8	6,7	7,5	8,6	9,8	11,4
	f Hz	6,9	6,4	5,8	5,4	5,0	4,6	4,3



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH18 Series	Model	-12	-15	-17	-20	-30	-40	-50
1. Max Static	F daN	737	636	535	449	368	303	245
	d mm	14,0	17,5	21,4	25,8	30,9	36,7	43,3
2. Max Shock	F daN	2031	1733	1444	1201	982	802	648
	d mm	66	85	106	132	160	194	232
3. Max Vibration	2a mm	7,3	9,4	11,7	14,6	17,7	21,4	25,5
	f Hz	5,1	4,4	3,9	3,5	3,2	2,8	2,6
1. Max Static	F daN	737	636	535	449	368	303	245
	d mm	10,7	13,0	15,6	18,5	21,8	25,6	30,1
2. Max Shock	F daN	6836	5418	4304	3411	2719	2158	1717
	d mm	53	60	69	77	89	102	117
3. Max Vibration	2a mm	5,9	6,6	7,6	8,6	9,9	11,2	13,0
	f Hz	6,2	5,7	5,2	4,8	4,4	4,1	3,8



SHEAR OR ROLL

HH18 Series	Model	-12	-15	-17	-20	-30	-40	-50
1. Max Static	F daN	491	424	356	299	245	202	163
	d mm	10,6	14,0	18,0	22,8	28,2	34,6	41,9
2. Max Shock	F daN	3774	2901	2242	1736	1356	1057	829
	d mm	55	66	78	92	109	128	151
3. Max Vibration	2a mm	6,1	7,3	8,7	10,2	12,1	14,2	16,6
	f Hz	5,4	4,8	4,4	4,0	3,6	3,4	3,1

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