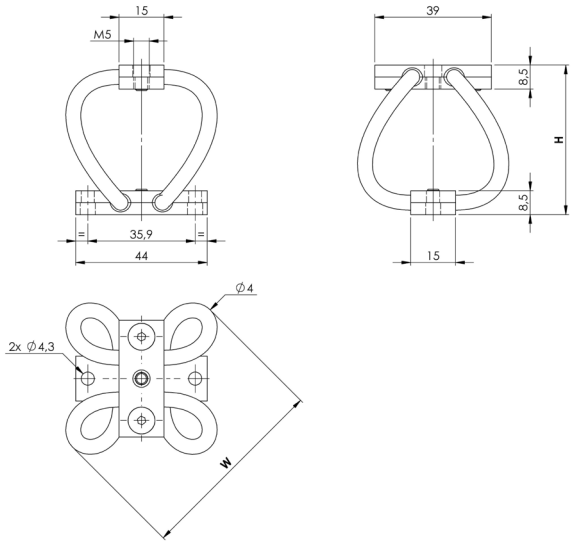
WIRE ROPE ISOLATORS:
MACHINED LINE "POLYCAL"

PERFORMANCES
series AP5/SP5



- All metal multidirectional anti-vibration/shock mounts.
- Exceptional reliability and long life.
- High damping.
- No ageing.
- Corrosion resistant.
- Unequalled temperature range : -180°C +300°C.
- Cheap and quick prototypes from stock.

Dimensions are in mm. For reference only.

SERIES Materials and finishes	
AP5 **Cable:** stainless steel. **Bars:** aluminium alloy/surtec 650. **Screws:** Alloy steel/zinc plate **(Inserts:** alloy steel/zinc platel**)**	**SP5** **Cable:** stainless steel. **Bars:** stainless steel. **Screws:** stainless steel.
Other materials on request	

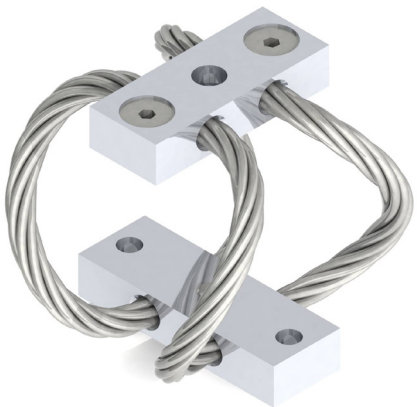
MODEL			AP5	SP5
	height h (mm)	width w (mm)	mass (kg)	mass (kg)
-75	32	49	0,040	0,071
-85	36	52	0,042	0,072
-95	39	55	0,044	0,074
-110	44	60	0,047	0,078
-125	48	65	0,050	0,081

EXAMPLE
AP5-95

A	P	5	-	9	5

PREFIX:
machined 'Polycal' mount
from the AP5 series

MODEL: -95
height: 39 mm
width: 55 mm
mass: 0,044 kg



SOCITEC

ISO 9001 BUREAU VERITAS Certification

RoHS COMPLIANT

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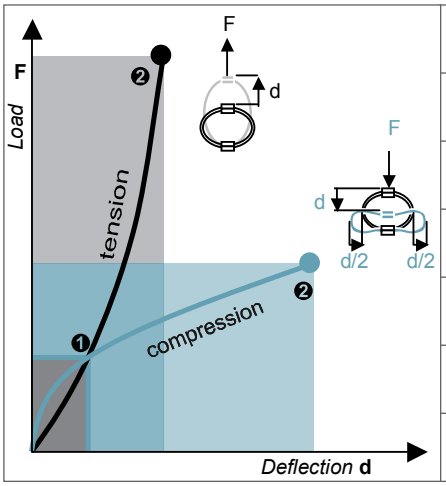
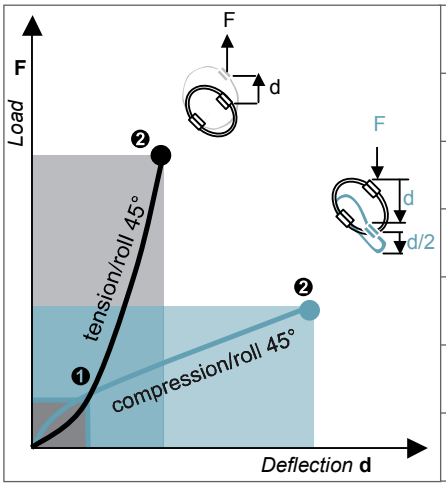


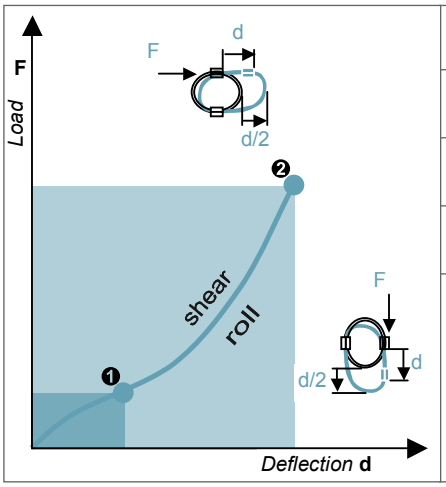
COMPRESSION AND TENSION

AP5/SP5 Series		Model	-75	-85	-95	-110	-125
1. Max Static	F	daN	6,7	5,9	5,3	4,4	3,8
	d	mm	2,5	3,2	3,7	4,5	5,1
2. Max Shock	F	daN	20	18	16	13	11
	d	mm	14	17	20	24	28
3. Max Vibration	2a	mm	1,5	1,9	2,2	2,7	3,1
	f	Hz	11	10	9	8	7
1. Max Static	F	daN	6,7	5,9	5,3	4,4	3,8
	d	mm	2,0	2,5	2,9	3,5	3,1
2. Max Shock	F	daN	45	40	35	30	25
	d	mm	7	9	10	12	14
3. Max Vibration	2a	mm	0,8	1,0	1,2	1,4	1,6
	f	Hz	14	12	11	10	9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

AP5/SP5 Series		Model	-75	-85	-95	-110	-125
1. Max Static	F	daN	4,7	4,2	3,7	3,1	2,7
	d	mm	3,5	4,5	5,2	6,3	7,3
2. Max Shock	F	daN	14	13	11	9	8
	d	mm	19	24	28	34	39
3. Max Vibration	2a	mm	2,1	2,7	3,1	3,8	4,4
	f	Hz	9	8	7	6	6
1. Max Static	F	daN	4,3	3,8	3,4	2,8	2,4
	d	mm	2,4	3,0	3,5	4,3	4,9
2. Max Shock	F	daN	31	27	24	20	18
	d	mm	9	11	13	15	18
3. Max Vibration	2a	mm	1,0	1,2	1,4	1,7	2,0
	f	Hz	12	11	10	9	8



SHEAR OR ROLL

AP5/SP5 Series		Model	-75	-85	-95	-110	-125
1. Max Static	F	daN	3,2	2,8	2,5	2,1	1,8
	d	mm	4,3	5,4	6,3	7,7	8,8
2. Max Shock	F	daN	20	18	16	13	11
	d	mm	14	18	21	26	29
3. Max Vibration	2a	mm	1,7	2,2	2,5	3,1	3,5
	f	Hz	9	8	7	6	6

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:

Ground Forces	GAM EG13A, SEFT 001, MIL-STD-810, VG 95332.
Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810.
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.