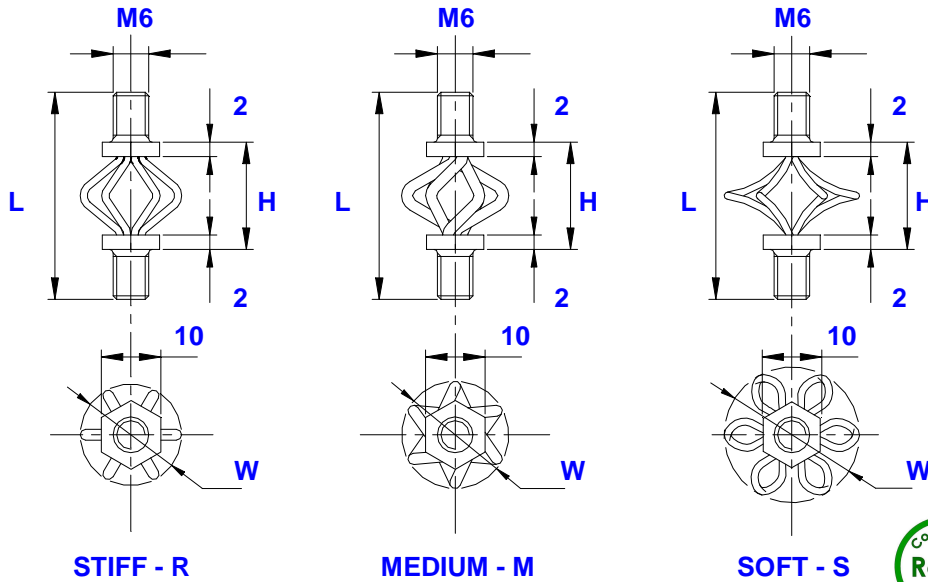


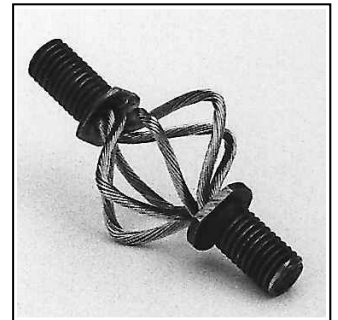
# wire rope isolators standard line "Axycal"

## series AX4

### definition



- All metal multidirectional anti-vibration/shock mounts.
- Exceptional reliability and long life.
- High damping.
- No ageing.
- Corrosion resistant.
- Unequalled temperature range : -180°C +150°C.
- Great adaptability/versatility. Specials on request (material size and shape of loops, etc.).



Dimensions are in mm.

Dimensions for reference only.

#### Series

Materials and finishes

**AX4**

**Cable :**  
stainless steel.  
**Interfaces :**  
stainless steel.

#### Model

	height H (mm)	width W (mm)	length L (mm)
<b>-15</b>	12	14	26
<b>-20</b>	14	18	28
<b>-25</b>	17	23	31
<b>-30</b>	20	27	34

#### Stiffness

type	
Soft	<b>S</b>
Medium	<b>M</b>
Stiff	<b>R</b>

**Example :**  
AX4-30S

**Prefix :**  
"Axycal" mount  
from the **AX4** series

**Model : -30**  
height : 20 mm  
width : 27 mm  
length : 34 mm

**Suffix : S**  
Soft type

**A X 4 - 3 0 S**

01/07/2013

Socitec  
BP 33, 78501 Sartrouville cedex - France  
Telephone : +33 (0)1 61 04 60 00  
Fax : +33 (0)1 39 14 03 27  
<http://www.socitec.com>  
e-mail : [shock-intl@socitec.com](mailto:shock-intl@socitec.com)



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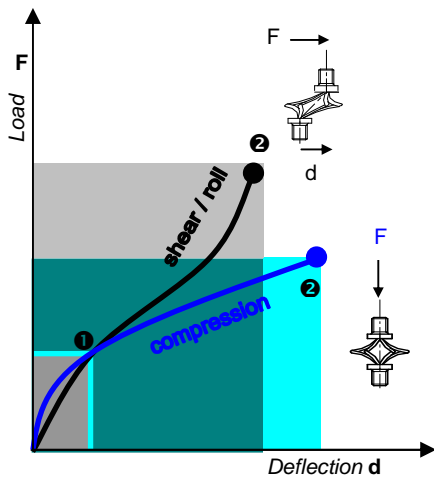
series

wire rope isolators

AX4

standard line "Axycal"

Performances\*



**Compression and Shear / Roll**

AX4 series Soft	Model	-15S	-20S	-25S	-30S					
Max static	F daN	1,71	1,24	0,95	0,76					
	1 d mm	1,1	1,6	2,1	2,6					
Max shock	F daN	5,13	3,72	2,86	2,29					
	2 d mm	6,1	8,7	11,3	13,9					
Max vibration	2a mm	0,7	1,0	1,2	1,5					
	3 f Hz	16,4	13,5	11,8	10,5					
Max static	F daN	0,86	0,62	0,48	0,38					
	1 d mm	2,1	3,0	3,9	4,8					
Max shock	F daN	6,10	3,69	2,55	1,90					
	2 d mm	7,8	10,4	13,0	15,6					
Max vibration	2a mm	0,9	1,1	1,4	1,7					
	3 f Hz	14,8	12,5	11,1	10,0					

- 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.

**Compression and Shear / Roll**

AX4 series Medium	Model	-15M	-20M	-25M	-30M					
Max static	F daN	2,07	1,51	1,16	0,93					
	1 d mm	1,1	1,6	2,1	2,6					
Max shock	F daN	6,22	4,52	3,48	2,79					
	2 d mm	6,1	8,7	11,3	13,9					
Max vibration	2a mm	0,7	1,0	1,2	1,5					
	3 f Hz	16,2	13,3	11,5	10,3					
Max static	F daN	1,04	0,75	0,58	0,47					
	1 d mm	2,1	3,0	3,9	4,8					
Max shock	F daN	7,26	4,37	3,01	2,24					
	2 d mm	7,2	9,6	12,0	14,4					
Max vibration	2a mm	0,8	1,1	1,3	1,6					
	3 f Hz	15,2	12,9	11,4	10,3					

**Compression and Shear / Roll**

AX4 series Stiff	Model	-15R	-20R	-25R	-30R					
Max static	F daN	2,54	1,85	1,43	1,15					
	1 d mm	1,1	1,6	2,1	2,6					
Max shock	F daN	7,63	5,56	4,29	3,45					
	2 d mm	6,1	8,7	11,3	13,9					
Max vibration	2a mm	0,7	1,0	1,2	1,5					
	3 f Hz	15,9	13,0	11,2	10,0					
Max static	F daN	1,27	0,93	0,72	0,57					
	1 d mm	2,1	3,0	3,9	4,8					
Max shock	F daN	8,73	5,23	3,58	2,66					
	2 d mm	6,7	8,9	11,1	13,3					
Max vibration	2a mm	0,7	1,0	1,2	1,5					
	3 f Hz	15,7	13,3	11,7	10,6					

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**Typical shock/vibration Specifications :**

Ground Forces	GAMEG13A, SEFT 001, MIL-STD-810, VG 95332.
Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810.
Marine	GAMEG13C, 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.

Socitec  
 BP 33, 78501 Sartrouville cedex - France  
 Telephone : +33 (0)1 61 04 60 00  
 Fax : +33 (0)1 39 14 03 27  
<http://www.socitec.com>  
 e-mail : shock-intl@socitec.com



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