



TECHNICAL ADVICE



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MAINTENANCE INSTRUCTIONS

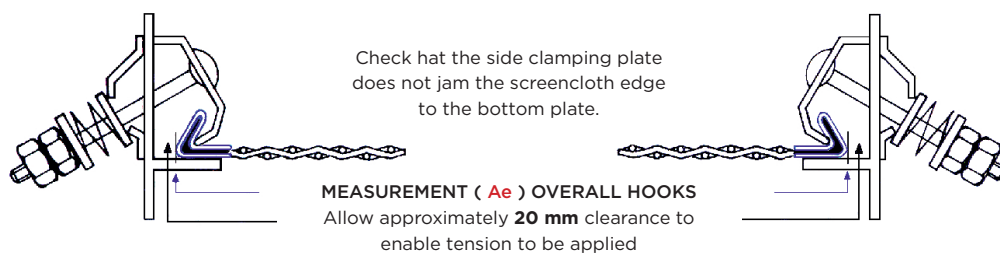
Please inform maintenance personnel:

- Check the sieve deck regularly for wear and tear;
- Check regularly and re-tension in time to prevent wire breakage. This only occurs by inefficient tensioning;
- Small damages must be repaired immediately by tying on pieces of mesh, etc;
- Screencloths, made of tensile spring steel wire must never be welded;
- After a normal wear in certain parts of the screencloth section, turn it, or replace it extending its life;
- Replace worn sieves. Do not wait until wires break-up. This may cause the total stoppage of the installation;
- When screening moist and difficult products, it is advisable to regularly clean the meshes from the adherent material; This operation increases the throughput.

INSTALLATION INSTRUCTIONS

Before fitting a new screencloth, carefully check:

- if the deck is cleaned in all support points.
- if the stringer bars and protective covering are not worn, twisted or brittle;
- if the draw bolts are in good conditions;
- cap the duly raised supports with rubber or polyurethane;
- make sure that the screencloth edge is not jammed clamping plate and bottom plate and can move easily when tension is applied;



- tension each side evenly throughout, to such an extent that it lies on all support members and is not lifted from the machine by the vibrations;
- avoid however over-tensioning;
- run screens empty for some minutes and re-check for loose bolts, uneven tensioning and setting in of the screencloth;
- only respecting these conditions your screencloths will resist to the vibrations and to the mass products circulating on them;
- check newly installed screencloths after 8 hours. If necessary re-tension order to be sure that it firmly lies on all support during operation;

FOR MORE INFORMATION PLEASE CONTACT OUR TECHNICAL ADVISOR

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HOW TO USE

The screen life depends on a great extent of, correct fitting, proper use adequate maintenance. **Please pay your attention to the following instructions.**

Feeding a regular feeding, along all the sieve width, allows:

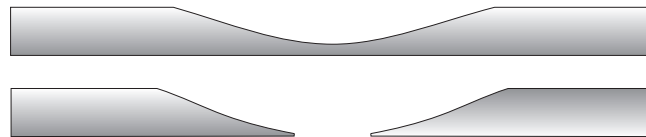
- Not to overload the screencloth;
- Prolong its life;
- A more precise screening;

Wear the water pressure should not exceed 2 to 3 kg/cm².

If it is superior it leads to an increased products speed on the screencloth surface, leading to “abrasion effect”, which quickly wears out the best steel.

If the products are not clean enough with this water pressure it is advisable:

- To increase the number of irrigation channels;
- To use water diffusors (which leads to a lower punctual pressure);
- It is indispensable to carefully watch out the good conditions of the irrigation channels because its “blinding” leads to: pressure increasing on the others holes;
- The appearance of “abrasion effect”



Wire breakage when a screencloth breaks before it wears out, we can think that, steel is too hard and, because of that fragile.

- The wire qualities we use are well known of the wire manufacturers, being produced accordingly with international accepted standards ISO 8458 (DIN 17223) EN 10088 (AISI 304);
- The wires are, automatically, tested in our crimping equipment which, practically, eliminates the wire that does not fulfill quality standards.

So it is necessary to find out other causes carefully examine the fracture aspect:

- If it takes place “in line”, in the supports direction, it reveals a tensioning defect;
- If It shows a rounded shape due to an abnormal wear out on the screencloth’s upper area, It generally reveals a feeding defect - very violent or off-center;
- If it gets obstructed, the products tend to be off-center which, under the machine’s vibrations, can cause the lifting of the screencloth, if tensioning is not particularly watched.
- The consequence off these facts is the screencloth breakage due to the blows on the support structure.

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HOW TO USE

We advise for a good performance of your sieving equipment:

- Respect the moving mass values indicated by the manufacturer;
- Keep the mechanisms in good working conditions;
- Pay a special attention to the suspension springs;
- Respected the granulometric grades indicated by the manufacturer.

To increase the screencloth's life:

- Avoid fall of large size products (to be eliminated with pre-grading screencloth);
- Regulate the products feed spreading it along all the width of the sieving equipment;
- Shorten, to the possible, the high dropping of the products and avoid the direct fall, making them to smoothly at the screencloth's surface.



DESENHOS TÉCNICOS



ABAS - TENSIONAMENTO



PRODUTIVA
est.1910

NR.

01

Q51- 7 - Tipos de Abas Normalizadas.CDR

ELAB. : 04 / 09 / 10

ALTERAÇÃO

10 / 04 / 2018

COD	ABA	TENSIONAMENTO			NOTAS
	FORMA	COD	H	FIGURA	
Z	Chapa 1 x 175 mm		Ho		Aplicável a: d ≤ 1.25 mm
N	 Chapa 1.5 x 175 mm		Ho		
			Hm		
			Hi		
		D90	Ho		
		E90	Ho		
		D90	Hm		
		E90	Hm		
		90	Ho		
		135	Ho		
		R			

ABAS - TENSIONAMENTO



PRODUTIVA
est.1910

NR.

02

Q51- 7 - Tipos de Abas Normalizadas.CDR

ELAB. : 04 / 09 / 10

ALTERAÇÃO

10 / 04 / 2018

COD	ABA	TENSIONAMENTO			NOTAS
	FORMA	COD	H	FIGURA	
S	<p>Em Rede: Chapa 5 x 110 mm</p>		Ho		Aplicável a: d => 8 mm
			Hm		
		<p>Em Rede: Chapa 5 x 75 mm</p>		Hi	
D			Ho		Aplicável a: d < 8 mm
			Hm		
			Hi		
P	<p>Chapa 1.5 x 260 mm</p>		Hm		Aplicável a: d <= 6.3 mm
			Hi		
		PN	Hm		
T	<p>Chapa 5 x 130 mm</p>		Hm		Aplicável a: d => 8 mm
			Hi		
		TN	Hm		

ABAS - TENSIONAMENTO



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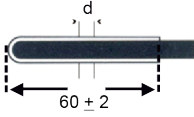
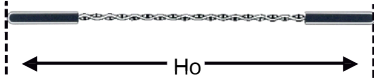
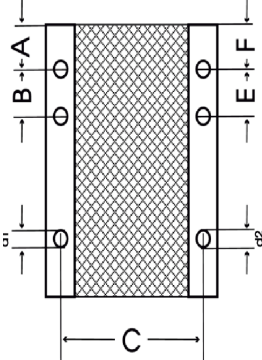
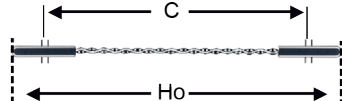
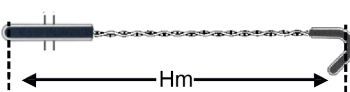
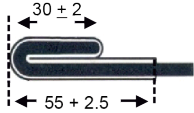
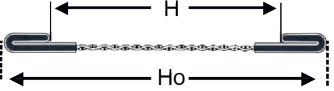
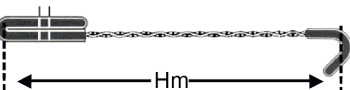
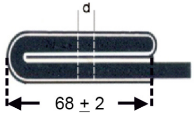
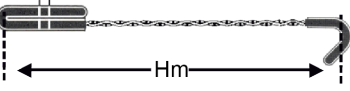
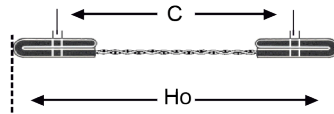
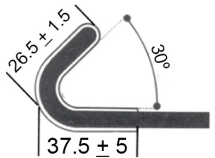
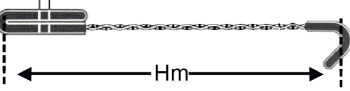
03

Q51- 7 - Tipos de Abas Normalizadas.CDR

ELAB. : 04 / 09 / 10

ALTERAÇÃO

10 / 04 / 2018

COD	ABA	TENSIONAMENTO			NOTAS
	FORMA	COD	H	FIGURA	
H	 <p>Chapa 1.6 x 125 mm Quando tiver furação: d ≤ 4mm W ≤ 10mm</p>		Ho		
			Ho		
		HN	Hm		
I	 <p>Chapa 1.5 x 175 mm</p>		Ho		
			Hm		
A	 <p>Chapa 1.5 x 260 mm Aplicável a: d ≤ 3.15 mm</p>		Hm		
			Ho		
M	 <p>Chapa 1.5 x 125 mm</p>		Ho		
			Hi	