



# SAULAS

Spécialiste de la toile métallique  
Specialist in Wire mesh



## Laboratory & Testing Sieves

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contact@saulas.fr - [www.saulas.fr](http://www.saulas.fr)

As measuring instruments for particle size analysis and impurity measurements, the SAULAS laboratory sieves meet the requirements of the standard ISO 3310-1 for canvas and mesh, ISO 3310-2 for perforated sheets (round and squares holes) and ISO 5223 for perforated sheets (round and oblong holes) of controls for cereals.

SAULAS has set up monitoring of the standards in order to meet the requirements of the most recent versions, and is equipped the latest optical control with facilities to qualify the measurements of each of its sieves.

Made of stainless steel elements and robust design, they ensure an optimal lifespan and are adapted to your business.



**Woven wire mesh clothes / Crimped wire mesh/ perforated steel / Oblong perforated for cereals**

**Woven wire mesh / ISO 3310-1**

Std Opening	Extra Opening	
	3,55mm	
2,80mm	3,15mm	3,35mm
	2,50mm	
2mm	2,24mm	2,36mm
	1,80mm	
1,40mm	1,60mm	1,70mm
	1,25mm	
1,00mm	1,12mm	1,18mm
	900μ	
710μ	800μ	850μ
	630μ	
500μ	560μ	600μ
	450μ	
355μ	400μ	425μ
	315μ	
250μ	280μ	300μ
	224μ	
180μ	200μ	212μ
	160μ	
125μ	140μ	150μ
	112μ	
90μ	100μ	106μ
	80μ	
63μ	71μ	75μ
	56μ	
45μ	50μ	53μ
	40μ	
32μ	36μ	38μ
25μ		
20μ		

**Crimped wire mesh / ISO 3310-1**

Std Opening	Extra Opening	
125mm		
	112mm	
90mm	100mm	106mm
	80mm	
63mm	71mm	75mm
	56mm	
45mm	50mm	53mm
	40mm	
31,5mm	35,5mm	37,5mm
	28mm	
22,40mm	25mm	26,50mm
	20mm	
16mm	18mm	19mm
	14mm	
11,20mm	12,50mm	13,20mm
	10mm	
8mm	9mm	9,50mm
	7,10mm	
5,60mm	6,30mm	6,70mm
	5mm	
4mm	4,50mm	4,75mm

**Perforated steel /ISO 3310-2**

Std Opening	Extra Opening	
125mm		
	112mm	
90mm	100mm	106mm
	80mm	
63mm	71mm	75mm
	56mm	
45mm	50mm	53mm
	40mm	
31,5mm	35,5mm	37,5mm
	28mm	
22,40mm	25mm	26,50mm
	20mm	
16mm	18mm	19mm
	14mm	
11,20mm	12,50mm	13,20mm
	10mm	
8mm	9mm	9,50mm
	7,10mm	
5,60mm	6,30mm	6,70mm
	5mm	
4mm	4,50mm	4,75mm

Cleaning sieves (with supporting wire mesh layer) available.

Except on clear specification, material could be AISI 304 L or 316L

Under request, SAULAS can supply control sieves with synthetic mesh or industrial wire mesh (Not covered by ISO 3310)

Round or square holes



**Perforated steel for cereals /ISO 5223**

Dedicated for selection and control of cereals, our range of oblong perforated steel sieves is wide :



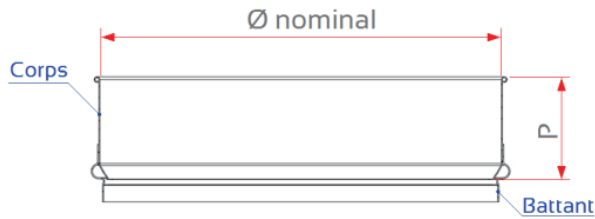
Oblong holes	Usual products
1,00mm x 20,0mm	Wheat, corn, barley, rye, ...
1,50mm x 20,0mm	Rice
1,60mm x 20,0mm	Rice
1,70mm x 20,0mm	Soft wheat
1,80mm x 20,0mm	Rye
1,90mm x 20,0mm	Durum wheat
2,00mm x 20,0mm	Barley
2,20mm x 20,0mm	
2,50mm x 20,0mm	Barley
2,80mm x 20,0mm	Wheat, barley
3,50mm x 20,0mm	Wheat, barley, rye
3,55mm x 20,0mm	Wheat, barley, rye
∅ 1,40mm	
∅ 1,80mm	
∅ 4,50mm	Corn

## Range, Design and dimensions

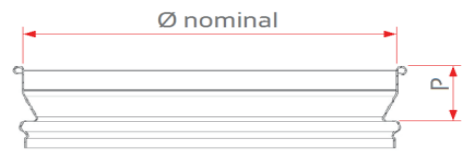
Ø 45 / Ø 75 / Ø 100 / Ø150 / Ø200 / Ø203(8") / Ø 315 / Ø 400\* / Ø450mm

**SPECIAL FRAME**

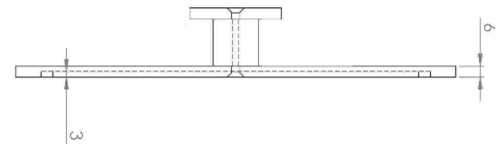
\*: The sieve Ø 400 has an real Ø of 390mm



**Ø 200mm LS**



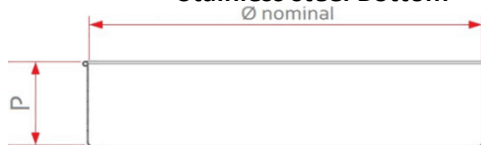
**Specific Ø 200mm LS polycarbonate cover**



**Stainless steel Lid**

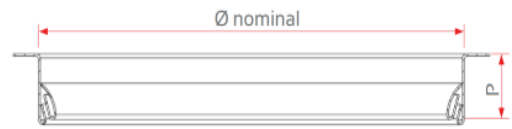


**Stainless steel Bottom**

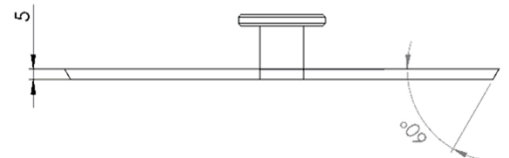


**SPECIAL FRAME**

**Ø 203mm LSN**



**Specific Ø 200mm LS polycarbonate cover**



Ø / Height	Low	Standard	High	Very High
Ø 45mm		25mm	**	**
Ø 75mm		30mm	**	**
Ø 100mm		30mm	**	65mm
Ø 150mm		35mm	**	**
Ø 200mm	25mm	50mm	75mm	150mm
Ø 200mm Céréales		50mm	**	**
Ø 200mm LS		25mm		
Ø 203mm LSN (8")		25mm		
Ø 203mm (8")	25mm	55mm	**	**
Ø 250mm		60mm	**	**
Ø315mm	55mm	85mm	**	**
Ø 390mm		75mm	**	**
Ø450mm		95mm	**	**

\*\* : On demand

## Assembly methods

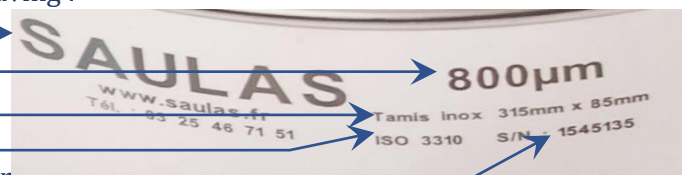
As standard, the sieves are pre-assembled by spot welding, and final sealing obtained by :

- Epoxy resin (T° max 80°C)
- Thin welding (Alimentary contact - T° max 150°C)
- Spot welding for Perforated

## Traceability

Traceability of each control sieve is given by laser engraving :

- Brand
- Aperture
- Overall dimensions
- Standard
- Individual Serial Number



## Certification according Standard : ISO 3310-1 / ISO 3310-2 / ISO 5223

Our dimensional laboratory is equipped with the latest technology in optical measurement devices measurements and controls with high precision (scale of  $\mu\text{m}$ ) of apertures for statistical treatment. Based on these data, a certificate of verification is edited for each control sieve, identifiable with an individual serial number.

Our dimensional laboratory is accredited by COFRAC (ISO 17025) for control sieves. The COFRAC accreditation n° 2.6242 covers calibration activity related to ISO 3310-1, ISO 3310-2 and ISO 5223 standards.



Standard of reference  
Id Number

Measuring equipment

Statistics results and  
requirements

Conformity result

**SAULAS** Société certifiée ISO 9001 v 2008

**Certificat de Réception (Inspection Certificate)**  
**ISO 3310-1 v 2016**

Constat de vérification N° 160848 1804005 Date : 22-janv-18

**MATERIEL VERIFIE**

Désignation : **Tamis Tamis NEUF (colle)** N° d'identification : **1804005**  
Diamètre : **203 H** Ouverture de maille : **100 microns**

Client : Réference Cde : CDE MAIL  
N° A.R. : 160848

Grandeurs vérifiées : Ouvertures des mailles et diamètres des fils

**MOYENS de MESURES**

**Appareil de mesure** **Etalonnage**

Méthode de mesure : optique Date : 07/01/2016 Certificat N° MB1601003  
Instrument de mesure : CNC 500 Instrument de mesure : 28/09/2014 02-28-08-2014-ISMED  
N° de série : SVC5001446 Règle :  
Résolution du matériel : 0.5  $\mu\text{m}$  Cate : 09/12/2015 S1511158 : DKD

Examen visuel : Bon état général

**Ouverture des mailles en microns**

**Trame** **Chaîne**

	Trame	Chaîne	Spécifications	résultats
Nombre de mesure :	100	100	max(W+Y) < 104.5	CONFORME
Ouverture moyenne :	100.7	101.7	min(W-Y) > 95.5	CONFORME
Ecart_type :	2.0	3.2	max de oo < 10.8	CONFORME
Estimateur de l'écartype :	2.7	4.4	max (W+X) < 130	CONFORME
Ouverture la plus grande détectée :	117			

**Diamètre des fils en microns**

	Trame	Chaîne	Spécifications	résultats
Diamètre moyen ( Dmoy) :	71	68	max Dmoy < 82	CONFORME
			min Dmoy > 60	

Renseignements complémentaires

**CONFORME**

ST 12058-I1220 L0LC

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**SAULAS & Cie S.A.S.** au capital de 594 711€ - RCS Troyes 562 044 222 - contact@saulas.fr - www.saulas.fr  
5 rue des Epinettes - BP20 - 10160 PAISY-COSDON - France - Tél. 33 (0)3 25 46 71 51 - Fax 33 (0)3 25 46 74 87

As a measuring instrument in your quality management system, the test sieves need to be controlled periodically. Saulas et Cie is able to manage those periodical controls on all brands sieves.

### Options or accessories

Inclined bottom with exit pipe



Supporting ring .... Etc

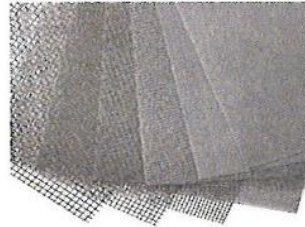


A complete range of shaped sieve



## Toiles métalliques

- Uni / REPS...
- Inox / HR / Recuit / Galva...
- En rouleaux, panneaux, bandes...



## Wire Meshes

- Plain / Dutch weave...
- Stainless Steel / Galvanised...
- Rolls, panels, strips ...

## Tamis de laboratoire

- Ø 45 mm à Ø 450 mm
- Certificats
- Contrôle de tamis usagés

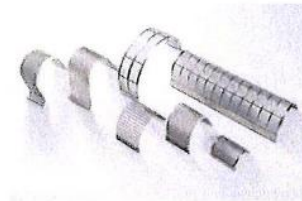


## Stainless Steel Test Sieves

- Ø from 45 mm to 450 mm
- ISO-3310 / ISO-5223
- Worn sieves inspection

## Grilles de granulateur

- Compatibilité constructeur
- Fils ronds ou ronds et carrés
- Avec ou sans berceau

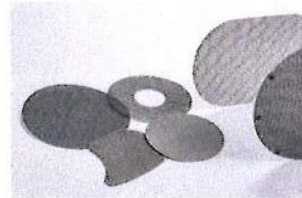


## Granulator Screens

- Assured compatibility
- Round wire / Square wire

## Disques / Cylindres extrusion

- Uni / REPS...
- Inox / Recuit / Galva...
- Monocouche / Multicouches

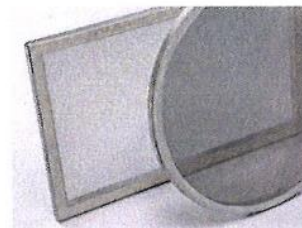


## Filter Discs

- Plain / Dutch weave...
- Stainless steel / Mild steel...
- Single Layer / Multi-layered

## Regarnissages de cadres

- Cadres neufs / Regarnissages
- Dimensions jusqu'à 3 mètres
- Collage / Soudure / Étain



## Re-Meshing Services

- New frames / Re-Meshing
- Ø up to 3 meters
- Gluing / Welding / Tin soldering

## Toiles de cribles

- Tension latérale / Longitudinale
- Crochets standards ou sur mesure
- Joints latéraux, gravure...



## Vibrating Screens

- Cross or longitudinal tension
- Standard or specific hooks
- Lateral joint, laser engraving...

## Filtres / Pièces sur mesure

- Avec ou sans structure mécanosoudée
- Toutes formes / Toutes dimensions
- Selon vos besoins et/ou projets

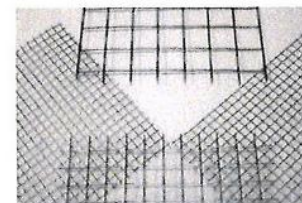


## Bespoke Products

Designed and manufactured to meet your specific requirements

## Grillages et Treillis soudés

- Standards et sur mesure
- Inox / HR / Recuit / Galva...
- En rouleaux, panneaux...



## Crimped or welded Wire Meshes

- Standard or bespoke as required
- Stainless Steel / Galvanised...
- Rolls, panels...