

# AURY Screening Consumables

# Company Introduction

**AURY AUSTRALIA's** located within the Lion Park Industrial Complex at Yatala, 40km south of Brisbane Queensland, is a manufacturer of high quality vibrating screens for the coal and minerals industry worldwide.

The screening media products include **Polyurethane Long Slot modular screen panels, as well as Wedge Wire, Perforated Plate & Woven Wire in Polyurethane surround Modular Screen Panels, Centrifuge Baskets, Wedge Wire Sieve Bends, HDPE Lined Pipe and other associated consumable products.**

AURY Screening consumable products are manufactured from high quality raw materials to high standards, and have a reputation of being a reliable and cost effective screening media solution. Aury is committed to providing high quality, efficient, cost effective products, and reliable service to all of our Customers.

High quality products are the life of our enterprise and the satisfaction of our customers is our endless pursuit.







**Modular Stainless Steel Perforated Plate with Polyurethane surrounds.**

- Modular Stainless Steel Perforated Plate delivers high open area along with impact resistance while offering all the benefits of a modular fixing system, such as reduced down time and reduction in operation cost. This product delivers significant benefit in primary and secondary classifying applications.

| Part Number | Size & Aperture     | Gross Weight kg | Open Area % |
|-------------|---------------------|-----------------|-------------|
| 1           | 610 x 610 x 15 x 15 | 13.5            | 35.00       |
| 2           | 610 x 610 x 25 x 25 | 13.4            | 35.60       |
| 3           | 610 x 610 x 27 x 27 | 13.4            | 35.80       |
| 4           | 610 x 610 x 30 x 30 | 13.4            | 35.80       |
| 5           | 610 x 610 x 55 x 55 | 13.1            | 44.35       |
| 6           | 610 x 610 x 15 x 30 | 13.7            | 40.35       |
| 7           | 610 x 610 x 15 x 50 | 13.6            | 40.60       |
| 8           | 610 x 610 x 25 x 50 | 13.6            | 41.00       |
| 9           | 610 x 610 x 25 x 80 | 15.5            | 42.10       |
| 10          | 610 x 610 x 27 x 80 | 15.5            | 42.90       |
| 11          | 610 x 610 x 30 x 50 | 15.5            | 43.00       |

More apertures available on request

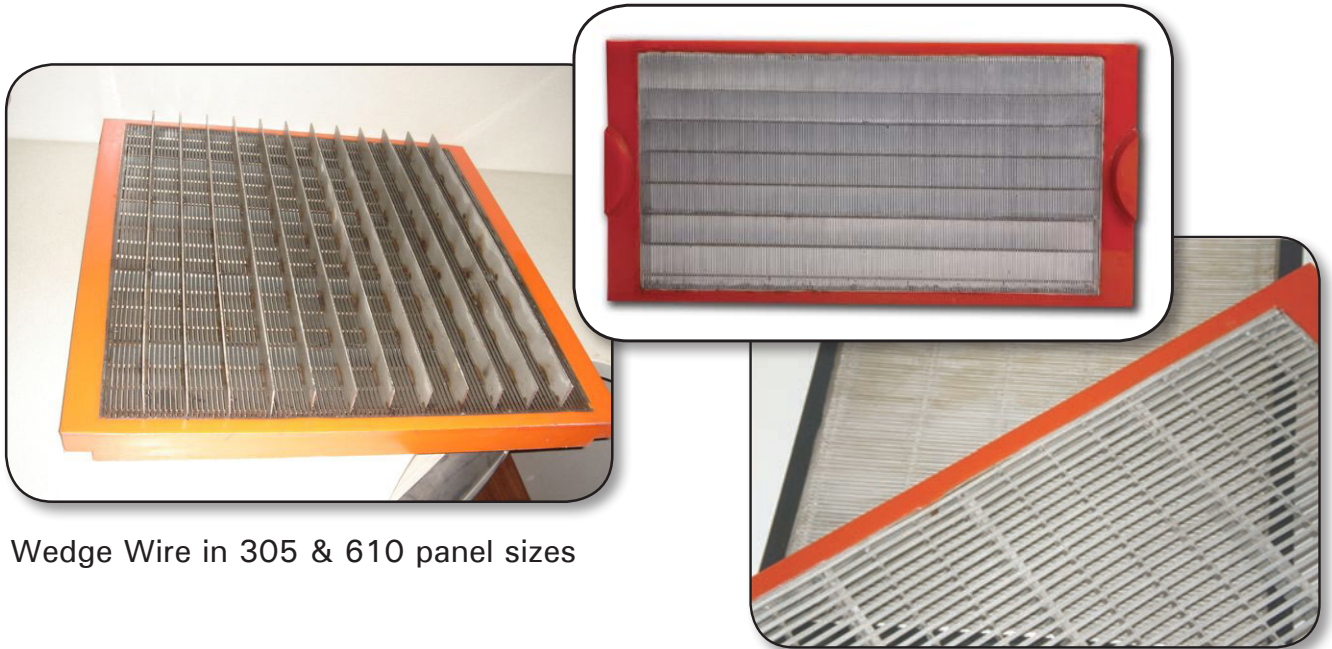


Stainless Steel Perforated Plate



Stainless Steel Perforated Plate

# Screening Systems



Wedge Wire in 305 & 610 panel sizes

## Modular Stainless Steel Wedge Wire with Polyurethane surrounds

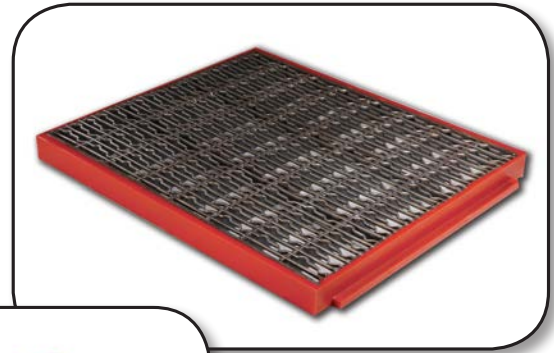
- Modular Stainless Steel Wedge Wire offers high open area delivering excellent dewatering capacity and dense media recovery.

| Part Number | Size & Aperture  | Gross Weight kg | Open Area % |
|-------------|------------------|-----------------|-------------|
| 1           | 305 x 610 x 0.20 | 9.1             | 9.00        |
| 2           | 305 x 610 x 0.25 | 9.1             | 10.80       |
| 3           | 305 x 610 x 0.50 | 8.85            | 15.30       |
| 4           | 305 x 610 x 0.75 | 8.85            | 21.08       |
| 5           | 305 x 610 x 1.00 | 8.6             | 22.40       |
| 6           | 305 x 610 x 1.50 | 8.3             | 27.80       |
| 7           | 305 x 610 x 2.00 | 8.2             | 31.50       |
| 8           | 305 x 610 x 2.50 | 8.1             | 34.50       |
| 9           | 610 x 610 x 0.20 | 18.2            | 9.00        |
| 10          | 610 x 610 x 0.25 | 18.2            | 10.80       |
| 11          | 610 x 610 x 0.50 | 18              | 15.30       |
| 12          | 610 x 610 x 0.75 | 17.7            | 21.08       |
| 13          | 610 x 610 x 1.00 | 16.8            | 25.80       |
| 14          | 610 x 610 x 1.50 | 16.6            | 27.80       |
| 15          | 610 x 610 x 2.00 | 16.4            | 31.00       |
| 16          | 610 x 610 x 2.50 | 16.2            | 32.50       |

More apertures available on request

## Modular Stainless Steel Woven Wire with Polyurethane surrounds.

- Modular Stainless Steel Woven Wire panels have high open area and a special support sub-frame that provides increased strength. This panel has application in high-throughput scalping situations as well as excellent classifying ability.

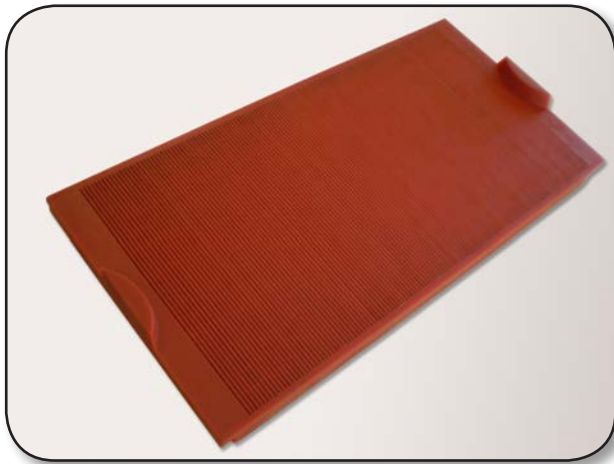


Stainless Steel Woven Wire

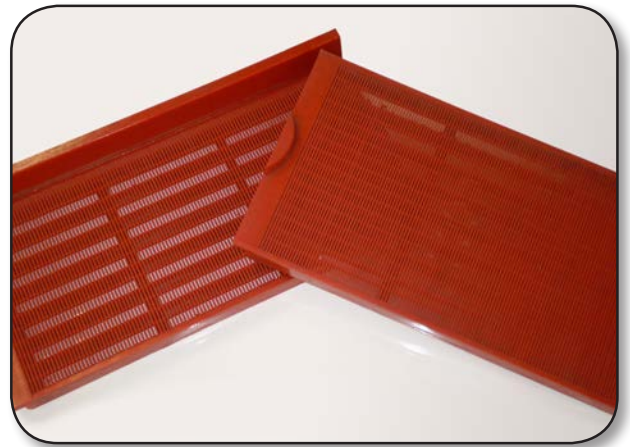


| Part Number | Size & Aperture     | Gross Weight kg | Open Area % |
|-------------|---------------------|-----------------|-------------|
| 1           | 610 x 610 x 13 x 13 | 14.5            | 39.5        |
| 2           | 610 x 610 x 14 x 14 | 14.4            | 41.2        |
| 3           | 610 x 610 x 15 x 15 | 16.0            | 42.1        |
| 4           | 610 x 610 x 15 x 30 | 15.5            | 42.5        |
| 5           | 610 x 610 x 15 x 50 | 15.0            | 43.1        |
| 6           | 610 x 610 x 25 x 50 | 15.6            | 44.3        |
| 7           | 610 x 610 x 30 x 50 | 15.4            | 44.8        |
| 8           | 610 x 305 x 13 x 13 | 8.5             | 38.5        |
| 9           | 610 x 305 x 15 x 15 | 9.5             | 39.5        |

More apertures available on request



Standard Slot



Polyurethane Long Slot

### **Polyurethane Long Slot Screen Panel.**

- Comparing the AURY LONG SLOT polyurethane screen panel with the conventional slotted aperture polyurethane panel, the LONG SLOT's unique design offers greatly improved open areas while still providing the wear resistance, noise reduction and long service life of polyurethane. This product also delivers excellent dewatering capacity and dense media recovery.

| Part Number | Size & Aperture  | Gross Weight kg | Open Area % |
|-------------|------------------|-----------------|-------------|
| 1           | 305 x 610 x 0.35 | 7.40            | 11.0        |
| 2           | 305 x 610 x 0.50 | 7.30            | 14.2        |
| 3           | 305 x 610 x 0.75 | 7.25            | 16.5        |
| 4           | 305 x 610 x 1.00 | 7.20            | 23.5        |
| 5           | 305 x 610 x 1.50 | 7.00            | 27.7        |
| 6           | 305 x 610 x 2.00 | 6.90            | 31.0        |
| 7           | 305 x 610 x 3.00 | 6.50            | 40.8        |
| 8           | 305 x 610 x 6.00 | 5.50            | 48.0        |

#### ➤ **Polyurethane Performance Parameters**

|                              |                  |
|------------------------------|------------------|
| <b>Hardness Shore A</b>      | <b>90 – 94 A</b> |
| Tensile Strength             | 29               |
| Elongation at Breaking Point | 430              |
| KN/cm Tear (without Nick)    | 98               |
| Resilience %                 | 29               |
| Abrasion mm                  | 30               |

## Polyurethane Blank Panels.

AURY Polyurethane Blank Panels are designed to take the impact at the feed end and transport the product off the screen at the discharge end, while providing long life and abrasion resistance.

| Part Number | Size                    | Gross Weight kg |
|-------------|-------------------------|-----------------|
| 1           | 610 x 450 Discharge Lip | 14.6            |
| 2           | 610 x 203 Impact panel  | 7.5             |
| 3           | 610 x 203 Discharge Lip | 8.5             |
| 4           | 610 x 305 Impact Panel  | 11.2            |
| 5           | 610 x 305 Discharge Lip | 12.7            |



Polyurethane Blank Discharge Lip



Polyurethane Impact Blank

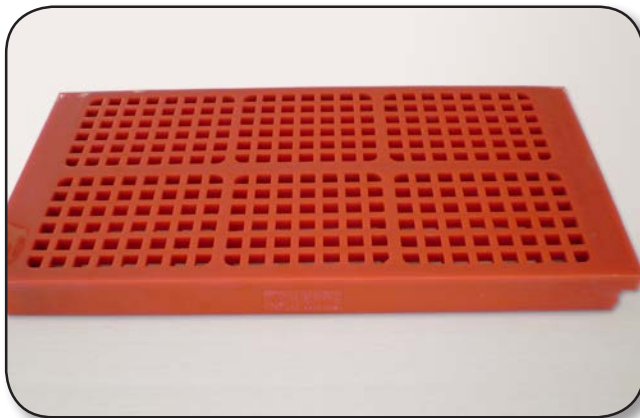


## Polyurethane Sizing Screen Panels.

Polyurethane Sizing Screen Panels offers a light weight modular system providing ease of maintenance, low noise and high wear resistance. The relief angle in each aperture resists pegging and reduces the screen load, saving on power consumption / operating costs.

| Part Number | Size & Aperture     | Gross Weight kg | Open Area % |
|-------------|---------------------|-----------------|-------------|
| 1           | 305 x 610 x 13 x 13 | 6.50            | 34.5        |
| 2           | 305 x 610 x 14 x 14 | 6.45            | 35.0        |
| 3           | 305 x 610 x 15 x 15 | 6.55            | 35.1        |
| 4           | 305 x 610 x 15 x 30 | 6.50            | 40.0        |
| 5           | 305 x 610 x 15 x 50 | 6.46            | 40.0        |
| 6           | 305 x 610 x 25 x 50 | 6.40            | 40.2        |
| 7           | 305 x 610 x 30 x 50 | 6.45            | 41.1        |
| 8           | 610 x 610 x 13 x 13 | 13.50           | 34.5        |
| 9           | 610 x 610 x 14 x 14 | 13.00           | 35.0        |
| 10          | 610 x 610 x 15 x 15 | 13.50           | 35.1        |
| 11          | 610 x 610 x 15 x 30 | 13.50           | 40.0        |
| 12          | 610 x 610 x 15 x 50 | 13.00           | 40.0        |
| 13          | 610 x 610 x 25 x 50 | 12.80           | 40.0        |
| 14          | 610 x 610 x 30 x 50 | 12.80           | 41.1        |

More apertures available on request



Sizing Screen Panels



Sizing Screen Panels

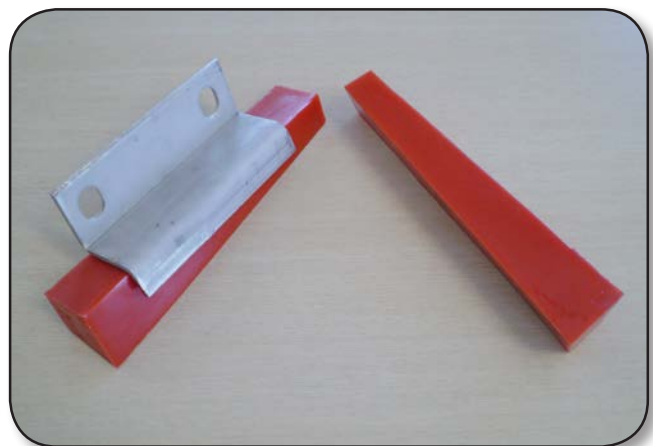
## Screen Accessories

| Description    | Size       | Weight Kg |
|----------------|------------|-----------|
| Side Clamp Bar | 915 x 110  | 4.20      |
| Side Clamp Bar | 1000 x 110 | 4.60      |
| Side Clamp Bar | 1220 x 110 | 5.60      |
| Side Clamp Bar | 1525 x 110 | 7.00      |
| Side Clamp Bar | 915 x 150  | 5.80      |
| Side Clamp Bar | 1000 x 150 | 6.30      |
| Side Clamp Bar | 1220 x 150 | 7.70      |
| Side Clamp Bar | 1525 x 150 | 9.60      |
| Side Clamp Bar | 915 x 200  | 7.80      |
| Side Clamp Bar | 1000 x 200 | 8.50      |
| Side Clamp Bar | 1220 x 200 | 10.30     |
| Side Clamp Bar | 1525 x 200 | 12.90     |
| Side Clamp Bar | 915 x 250  | 9.42      |
| Side Clamp Bar | 1000 x 250 | 10.30     |
| Side Clamp Bar | 1220 x 250 | 12.60     |
| Side Clamp Bar | 1525 x 250 | 15.70     |
| Fixing Rail    | 305        | 1.20      |
| Fixing Rail    | 610        | 2.40      |
| Fixing Rail    | 813        | 3.70      |
| Fixing Rail    | 915        | 4.00      |
| Fixing Rail    | 1220       | 5.20      |
| Fixing Rail    | 1525       | 6.40      |

Other sizes available on request



Fixing Rails



Polyurethane Wedges & Brackets



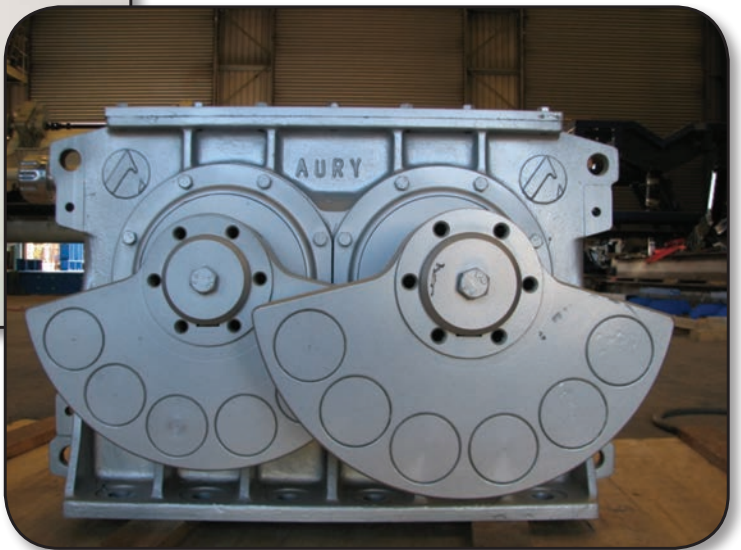
Spray Nozzles



Springs



Side Clamp Bars



Exciters  
Rebuilds and Exchange



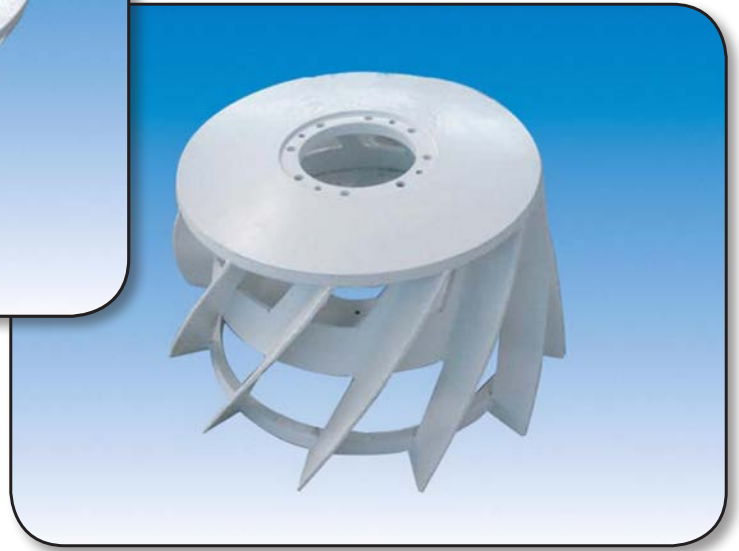
## Screen Accessories

| Description          | Size           | Weight Kg |
|----------------------|----------------|-----------|
| Side Rail Protector  | 305            | 0.15      |
| Side Rail Protector  | 1220           | 0.4       |
| Wedge Bracket        |                | 0.6       |
| Poly Wedge           | 305 x 200 x 25 | 2.2       |
| Backing Plate Liners | 270 x 200 x 25 | 2.05      |
| Backing Plate Liners |                |           |





Scraper Hub



Scraper

### Centrifuge Components

|    |                          |
|----|--------------------------|
| 1  | FC1000 Scraper           |
| 2  | FC1200 Scraper           |
| 3  | H900 Scroll Scraper      |
| 4  | H1000 Scroll Scraper     |
| 5  | FC1000 Scraper Hub       |
| 6  | FC1200 Scraper Hub       |
| 7  | H900 Scroll Scraper Hub  |
| 8  | H1000 Scroll Scraper Hub |
| 9  | VM1100 Basket Support    |
| 10 | VM1200 Basket Support    |
| 11 | VM 1300 Basket Support   |
| 12 | VM1400 Basket Support    |
| 13 | VM1500 Basket Support    |



SCC Series



FC Series



VM Series

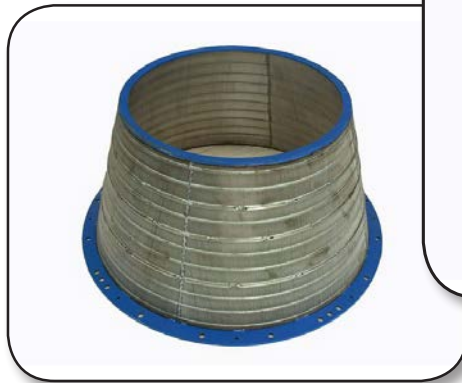
### Stainless Steel Centrifuge Baskets

| Basket Size     | Aperture | Weight | Open Area % |
|-----------------|----------|--------|-------------|
| SCC 1400 Basket | 0.35     | 230    | 11.0        |
| ”               | 0.40     | 227    | 11.7        |
| ”               | 0.45     | 223    | 13.0        |
| ”               | 0.50     | 220    | 13.5        |
| ”               | 0.60     | 216    | 15.7        |
| ”               | 0.75     | 214    | 19.0        |
| ”               | 0.80     | 210    | 20.0        |
| SCC1500 Basket  | 0.35     | 281    | 11.0        |
| ”               | 0.40     | 277    | 11.7        |
| ”               | 0.45     | 274    | 13.0        |
| ”               | 0.50     | 271    | 13.5        |
| ”               | 0.60     | 274    | 15.7        |
| ”               | 0.75     | 265    | 19.0        |
| ”               | 0.80     | 261    | 20.0        |
| FC1000 Basket   | 0.35     | 77     | 11.0        |
| ”               | 0.40     | 74     | 11.7        |
| ”               | 0.45     | 72     | 13.0        |
| ”               | 0.50     | 70     | 13.5        |
| FC1200 Basket   | 0.35     | 161    | 11.0        |
| ”               | 0.40     | 159    | 11.7        |
| ”               | 0.45     | 157    | 13.0        |
| ”               | 0.50     | 155    | 13.5        |

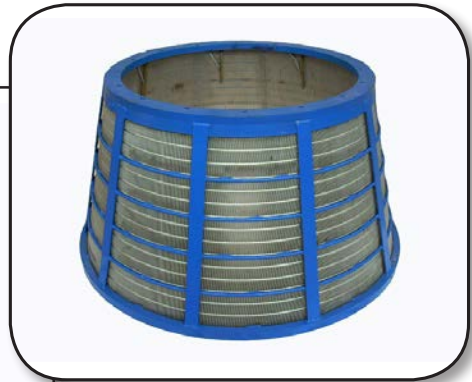
| Basket Size    | Aperture | Weight | Open Area % |
|----------------|----------|--------|-------------|
| VM 1100 Basket | 0.35     | 123    | 11.0        |
| ”              | 0.40     | 121    | 11.7        |
| ”              | 0.45     | 118    | 13.0        |
| ”              | 0.50     | 116    | 13.5        |
| ”              | 0.60     | 114    | 15.7        |
| ”              | 0.75     | 111    | 16.2        |
| ”              | 0.80     | 99     | 17.0        |
| VM1200         | 0.35     | 185    | 11.0        |
| ”              | 0.40     | 182    | 11.7        |
| ”              | 0.45     | 179    | 13.0        |
| ”              | 0.50     | 176    | 13.5        |
| ”              | 0.60     | 174    | 15.7        |
| ”              | 0.75     | 171    | 16.2        |
| ”              | 0.80     | 169    | 17.0        |
| VM1300         | 0.35     | 227    | 11.0        |
| ”              | 0.40     | 223    | 11.7        |
| ”              | 0.45     | 220    | 13.0        |
| ”              | 0.50     | 217    | 13.5        |
| ”              | 0.60     | 214    | 15.7        |
| ”              | 0.75     | 211    | 16.2        |
| ”              | 0.80     | 209    | 17.0        |
| VM1400         | 0.35     | 221    | 11.0        |
| ”              | 0.40     | 219    | 11.7        |
| ”              | 0.45     | 217    | 13.0        |
| ”              | 0.50     | 215    | 13.5        |
| ”              | 0.60     | 213    | 15.7        |
| ”              | 0.75     | 211    | 16.2        |
| ”              | 0.80     | 209    | 17.0        |
| VM1500         | 0.35     | 279    | 11.0        |
| ”              | 0.40     | 274    | 11.7        |
| ”              | 0.45     | 269    | 13.0        |
| ”              | 0.50     | 265    | 13.5        |
| ”              | 0.60     | 260    | 15.7        |
| ”              | 0.75     | 258    | 16.2        |
| ”              | 0.80     | 256    | 17.0        |

## Stainless Steel Centrifuge Baskets

H Series



HSG Series

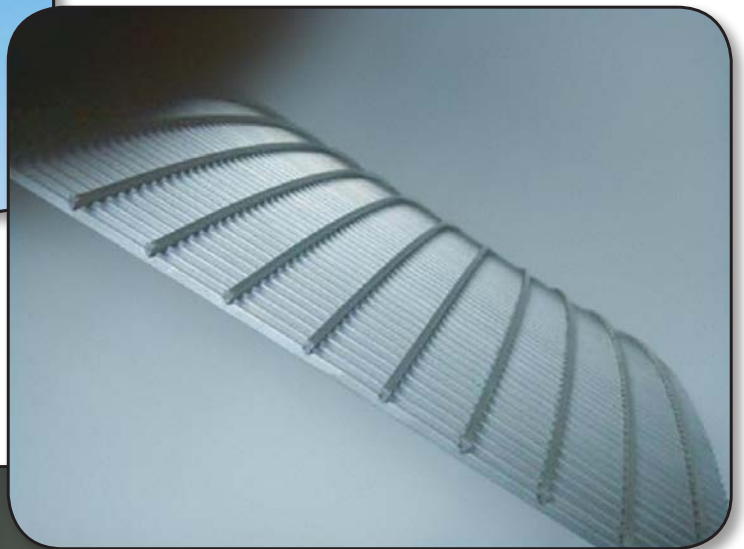
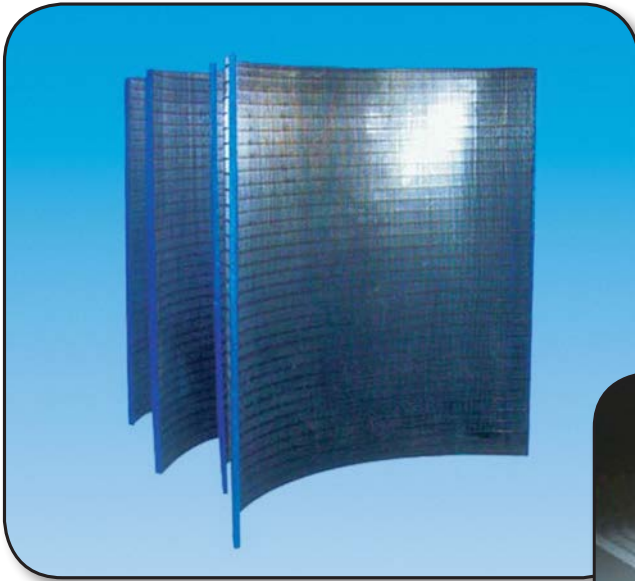


| Basket Size | Aperture | Weight Kg | Open Area % |
|-------------|----------|-----------|-------------|
| H900        | 0.35     | 64        | 11.0        |
| "           | 0.40     | 61        | 11.7        |
| "           | 0.45     | 56        | 13.0        |
| "           | 0.50     | 54        | 13.5        |
| "           | 0.60     | 52        | 15.7        |
| H1000       | 0.35     | 74        | 11.0        |
| "           | 0.40     | 72        | 11.7        |
| "           | 0.45     | 71        | 11.9        |
| "           | 0.50     | 69.5      | 12.1        |
| "           | 0.60     | 68        | 12.5        |
| HSG1300     | 0.35     | 208       | 11.0        |
| "           | 0.40     | 207       | 11.7        |
| "           | 0.45     | 205       | 13.0        |
| "           | 0.50     | 203       | 13.5        |
| "           | 0.60     | 201       | 15.7        |
| "           | 0.75     | 198       | 19.0        |
| "           | 0.80     | 196       | 20.0        |
| HSG1400     | 0.35     | 230       | 11.0        |
| "           | 0.40     | 227       | 11.7        |
| "           | 0.45     | 223       | 13.0        |
| "           | 0.50     | 220       | 13.5        |
| "           | 0.60     | 216       | 15.7        |
| "           | 0.75     | 214       | 19.0        |
| "           | 0.80     | 210       | 20.0        |
| HSG1500     | 0.35     | 281       | 11.0        |
| "           | 0.40     | 277       | 11.7        |
| "           | 0.45     | 274       | 13.0        |
| "           | 0.50     | 271       | 13.5        |
| "           | 0.60     | 274       | 15.7        |
| "           | 0.75     | 265       | 19.0        |
| "           | 0.80     | 261       | 20.0        |



## **Stainless Steel Sieve Bends**

AURY Sieve Bends are manufactured to provide accurate sizing and high wear resistance and can be designed to suit most sieve bend cradle types.



## Professional after-sales service



### **AFTER SALES SERVICE**

The service Aury Australia provides starts from the time you make an enquiry into our product range and is never ending with the following services available.

- Commissioning
- Total screen maintenance
- Condition monitoring and analyst of machine and media
- Training and supervision of site and contract personnel
- New Components and rebuilds (all types of machines and exciters)
- Service team for onsite servicing
- Spare parts and accessories held in Brisbane warehouse

Please ask your Aury Australia representative for more information.







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