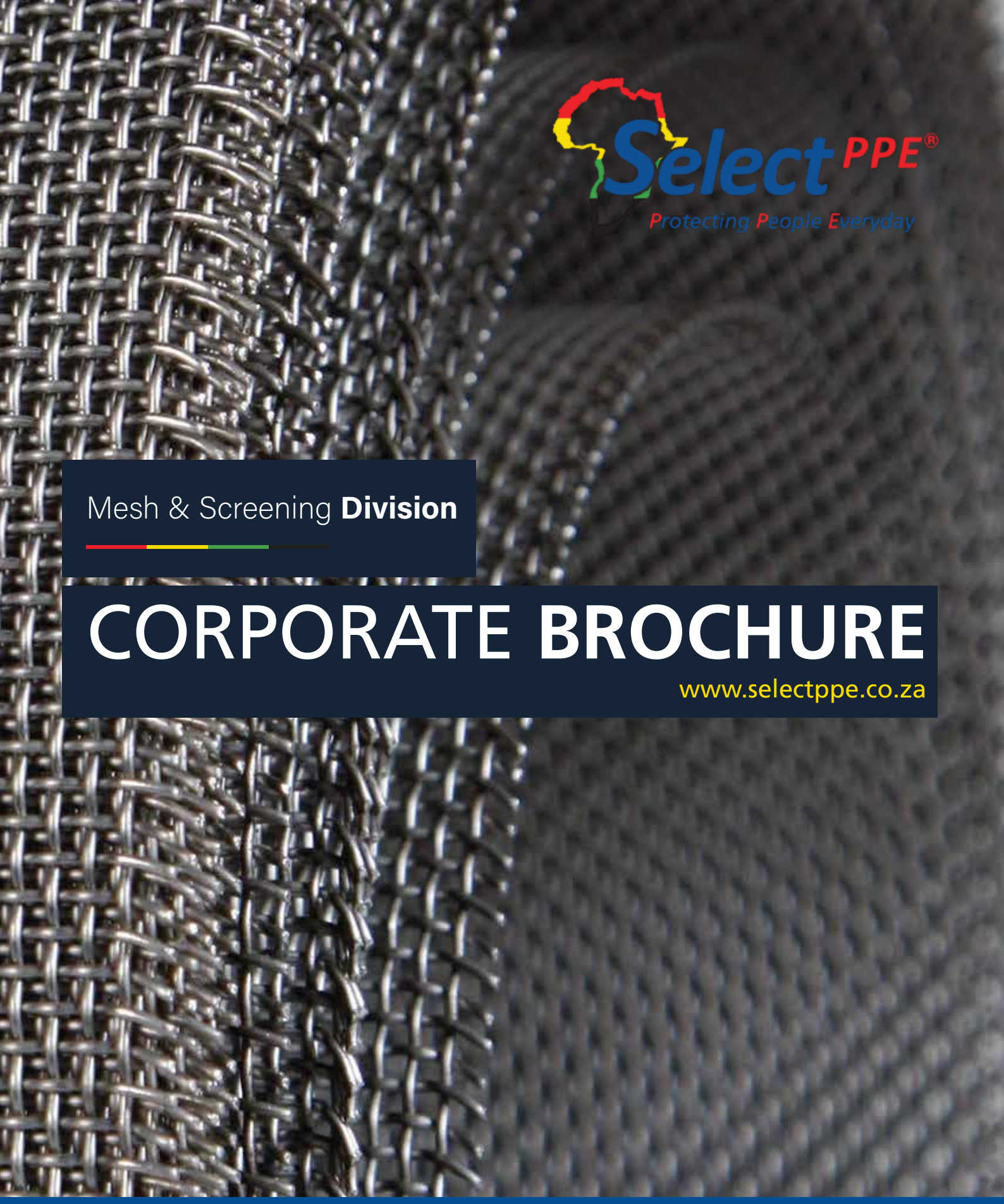

Select PPE®

Protecting People Everyday

Mesh & Screening **Division**

CORPORATE **BROCHURE**

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Company introduction

SELECT PPE SCREENING DIVISION is committed to providing first grade mesh, screening & filtration consumables throughout South Africa and the African continent.

Our knowledgeable, friendly, and efficient sales personnel strive to provide support and advice to ensure that our products meet the required customer expectations and maximise efficiencies.

At Select PPE, we supply to various commercial and industrial sectors, which include: mining, construction, agricultural, engineering, automotive, chemical, food & beverage, plastic manufacturing, recycling, and decorative, to name just a few.

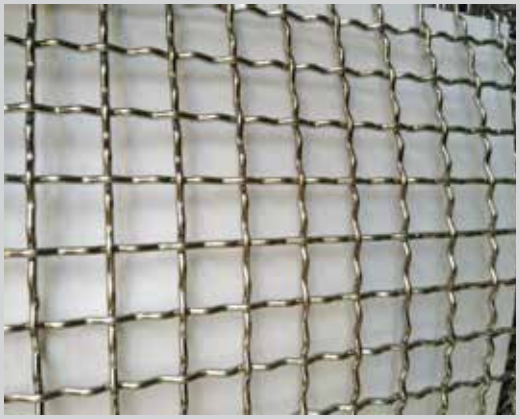
Some of the main reasons why industries and sectors above choose to use our products are because of their convenience and versatility, ease of installation, visibility, strength and support, and cost effectiveness.

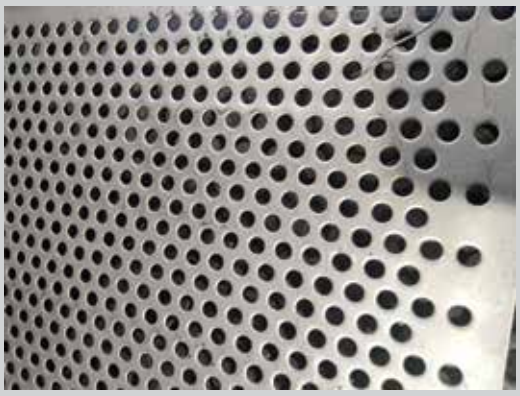
Our main product categories to our market include:

- **Fine Mesh & Filter Discs (SS304)**
- **Woven Mesh (SS304 & Galv)**
- **Woven Wire Screens (All Materials)**
- **Perforated Plates (SS304 & Mild Steel)**
- **Nosing Rubber, Filter Belts & Screening Consumables**

Standard sizes on these products are available ex-stock and specialised sizes can be manufactured according to customer spec.

Our sales staff are always available telephonically, on e-mail or whatsapp to assist so please do not hesitate to contact us with your enquiries.





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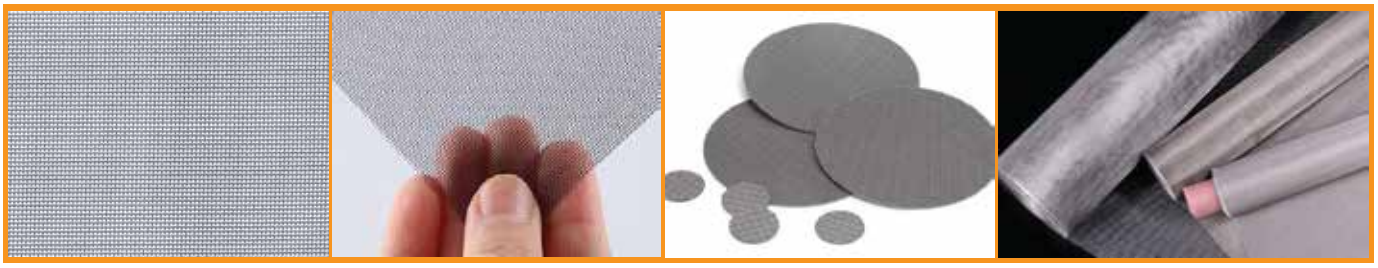
Fine Mesh & Discs

Wire mesh is excellent for a variety of industrial applications due to its superior strength, longevity and resistance to corrosion. The fine mesh structure and weave of this material makes it favourable for sieving particles or fine filtering, at high temperatures without causing any damage. Mesh = the number of holes per square inch is available according to how many meters a customer requires or can be punched into specific diameters in disc form.



Material	Stainless steel (SS304)
Sizes	6Mesh to 500Mesh
Width	1000 and/ or 1300 Wide
Application	Food, Bevarage, Engineering, Recycling, Manufacturing, Agriculture & Decorative

Main Specification of the fine Mesh

MESH	APERTURE (MM)	WIRE THICKNESS (MM)	ROLL WIDTH (MM)	MATERIAL	PRODUCT IMAGE
8	2.28	0.9	1000 & 1300	S/S 304	
8	2.58	0.55	1000 & 1300	S/S 304	
10	1.99	0.55	1000 & 1300	S/S 304	
10	1.64	0.9	1000 & 1300	S/S 304	
12	1.53	0.55	1000 & 1300	S/S 304	
14	1.24	0.55	1000 & 1300	S/S 304	
16	1.19	0.45	1000 & 1300	S/S 304	
16	1.22	0.37	1000 & 1300	S/S 304	
16	1.09	05	1000 & 1300	S/S 304	
18	0.96	0.45	1000 & 1300	S/S 304	
20	0.82	0.45	1000 & 1300	S/S 304	
20	0.9	0.37	1000 & 1300	S/S 304	
24	0.68	0.37	1000 & 1300	S/S 304	
25	0.71	0.3	1000 & 1300	S/S 304	
30	0.52	0.32	1000 & 1300	S/S 304	
36	0.42	0.28	1000 &1300	S/S 304	
40	0.40	0.24	1000 & 1300	S/S 304	
40	0.39	0.25	1000 & 1300	S/S 304	
50	0.31	0.19	1000 & 1300	S/S 304	
60	0.25	0.17	1000 & 1300	S/S 304	
80	0.2	0.12	1000 & 1300	S/S 304	
100	0.144	0.11	1000 & 1300	S/S 304	
120	0.131	0.08	1000 & 1300	S/S 304	
150	0.099	0.07	1000 & 1300	S/S 304	
200	0.08	0.05	1000 & 1300	S/S 304	
250	0.06	0.04	1000 & 1300	S/S 304	
325	0.03	0.04	1000 & 1300	S/S 304	
500	0.026	0.025	1000 & 1300	S/S 304	
12/72	0.25	0.6/0.4	1000 & 1300	s/s 304/ Mild steel	
24/110	0.105	0.35/0.25	1000 & 1300	s/s 304/Mild steel	

Filter Belts - Reserve Dutch Weave

MESH	WIRE	APERTURE	WIDTH	LENGHT	MATERIAL
260/40	0.15/0.25	0.057	97mm	10m	s/s 304
260/40	0.15/0.25	0.057	97mm	10m	s/s 304
132/17	0.32/0.42	0.142	97mm	10m	s/s 304
132/17	0.32/0.42	0.142	97mm	10m	s/s 304

* Some items shown in this chart are not always available for immediate shipment. Please contact our sales engineer for more information on stock availability.

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Medium Weave Mesh

Also known by another term called "Crimped Mesh"
Crimping is a superior method of connecting wires compared to sildering for many reasons. This method, therefore, makes the mesh more mechanically durable. Additionally, high-quality crimps are better at preventing moisture exposure to metal wires, which can cause corrosion. The thick wires manufactured on these mesh also make them ideal for use as protective and safety guards.

Material	Galvanized & Stainless Steel
Sizes	3.15Ap to 25Ap
Width	1000mm & 1300mm
Application	Food, Beverage, Engineering, Recycling, Manufacturing, Agriculture, Decorative, Airconditioning & Bullbars

Main Specification of the medium weave mesh

MESH	APERTURE (MM)	WIRE THICKNESS (MM)	ROLL WIDTH (MM)	MATERIAL	PRODUCT IMAGE
	25	3.15	1000/1300	Galvanized	
	25	2.5	1000/1300	Galvanized	
	19	2.5	1000/1300	Galvanized	
	16	2.5	1000/1300	Galvanized	
	12.5	2.0	1000/1300	Galvanized	
	10	2.0	1000/1300	Galvanized	
	8	2.0	1000/1300	Galvanized	
	6.3	2.0	1000/1300	Galvanized	
	4.75	1.6	1000/1300	Galvanized	
	3.15	1.6	1000/1300	Galvanized	
	25	3.15	1000/1300	S/S 304	
	25	2.5	1000/1300	S/S 304	
	19	2.5	1000/1300	S/S 304	
	16	2.5	1000/1300	S/S 304	
	12.5	2.0	1000/1300	S/S 304	
	10	2.0	1000/1300	S/S 304	
	10	1.6	1000/1300	S/S 304	
	8	1.6	1000/1300	S/S 304	
	6.3	1.6	1000/1300	S/S 304	
	4.75	1.6	1000/1300	S/S 304	
	3.15	1.6	1000/1300	S/S 304	

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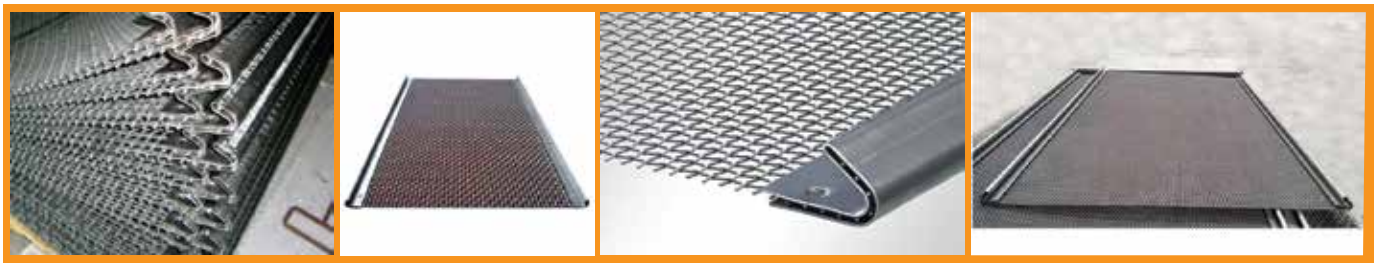
Woven Wire Screens

Woven screens are made out of weaving wires together to a certain weave type for high strength and exceptional durability. The objective of Screening is to achieve "SEPERATION" of materials or particles. Woven wire screens are made to order items due to each customer spec varying. Orders for screens are only confirmed upon our spec sheet filled and approved by the customer. A lead will be provided to the customer prior an order being placed.



Material	Galvanized, Mild Steel, Stainless steel & High carbon
Weave type	Plain weave, Lock crimp, Flat top, Intermediate crimp, Slotted & Harp
Size	1.6mm Ap to 100mm Ap
Application	Mining, Quarrying, Construction, Sand Sieving, Agriculture etc.

The following information is critical when obtaining a quote or sending through an order for your requirements .

Quantity - this has an effect on the price due to set up time of the weaving loom unless the screens are available Ex Stock

Aperture -If square aperture not a problem , if slotted we need to know the Slot dimensions ie (4x30) , this figure should be denoted in brackets as not to get confused with other specifications , we also need to know what dimension the long side of the slot runs in.

Wire - it is important that you specify a wire thickness for your aperture as this has a huge impact on the cost , if no wire size is given we will provide the most common for that specific aperture.It is also important to take note of the wire size quoted when comparing quotes.

Length - length of your screen in mm
Width - width of your screen in mm

Hook-the dimension that has your hook on must be denoted with + OH and is usually the last dimension specified. Measure from the bend of one hook to the bend of the next hook and include the prefix + OH on that dimension.
Material - is based on the application that screen will be used for. The type of material will also either increase of decrease the price.

PRODUCT IMAGE

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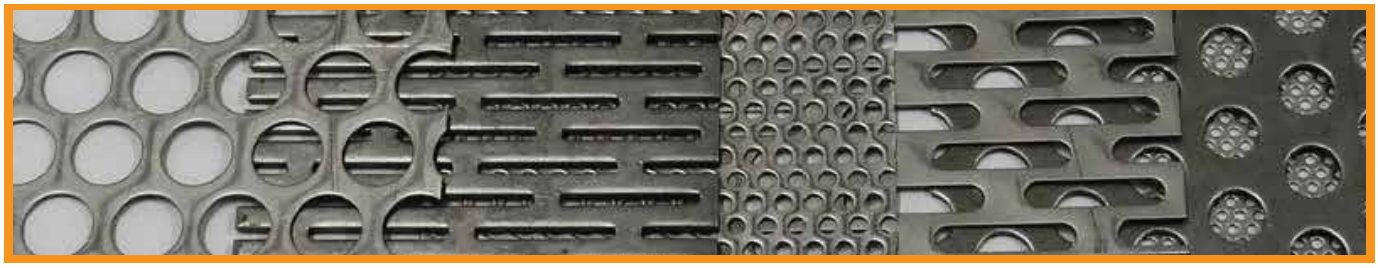
Perforated Plates

Perforated sheets are very strong and has an aesthetic appearance. It is the most popular type because of its inherent strength, multitude of varied open areas, and attractive appearance. Perforated plates can be used for filtration or sieving of mining products, medicine, grain, sound insulation, walkway platforms etc. Select PPE (Pty) Ltd. offers various standard sizes of perforated plates.



Material	Mild Steel & Stainless steel 304
Pitch type	Straight Pitch and Staggered Pitch
Size	Mild Steel: 1225mm x 2450mm & Stainless Steel: 1220mm x 2500mm
Hole shapes	Round aperture in stock, Square or Slotted can be made to order
Application	Agriculture, mining, aerospace tech, lighting, manufacture, ventilation, sugar processing etc.

Main Specification of the Perforated Steel Sheet

APERTURE	THICKNESS	PITCH	WIDTH	LENGTH	MATERIAL	PRODUCT IMAGE
1	0.8	2	1220	2500	SS304	
1.6	0.5	3.2	1220	2500	SS304	
1.6	1.2	3.2	1220	2500	SS304	
3.2	0.8	5.25	1220	2500	SS304	
3.2	1.2	5	1220	2500	SS304	
4	1	8	1220	2500	SS304	
6	1.5	11.1	1220	2500	SS304	
8	1.5	11.1	1220	2400	SS304	
10	2	15.88	1220	2500	SS304	
12.7	3	16.5	1220	2500	SS304	
0.8	0.5	2	1225	2450	Mild Steel	
1	1	2	1225	2450	Mild Steel	
1.6	1.2	3.2	1225	2450	Mild Steel	
3.2	0.8	5.25	1225	2450	Mild Steel	
3.2	1	5.25	1225	2450	Mild Steel	
3.2	1.5	5.25	1225	2450	Mild Steel	
4	1	8	1225	2450	Mild Steel	
5	1.2	25	1225	2450	Mild Steel	
6	3	11.1	1225	2450	Mild Steel	
6.35	4.5	12.7	1225	2450	Mild Steel	
8	3	11.1	1225	2450	Mild Steel	
8	6	14	1225	2450	Mild Steel	
10	4.5	15	1225	2450	Mild Steel	
10	6	15.88	1225	2450	Mild Steel	
12.7	3	16	1225	2450	Mild Steel	
12.7	4.5	19.05	1225	2450	Mild Steel	
16	3	23.3	1225	2450	Mild Steel	
19	1.5	28.8	1225	2450	Mild Steel	
19	4.5	29	1225	2450	Mild Steel	
19	6	28	1225	2450	Mild Steel	
25	3	38	1225	2450	Mild Steel	
25	6	38	1225	2450	Mild Steel	

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