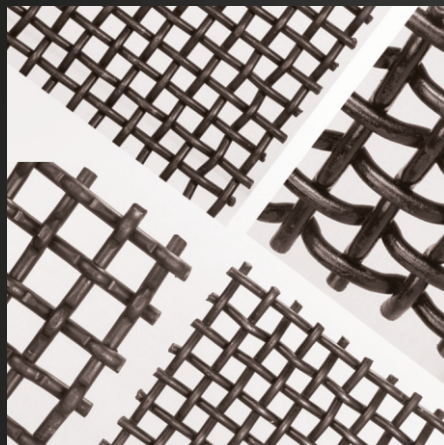
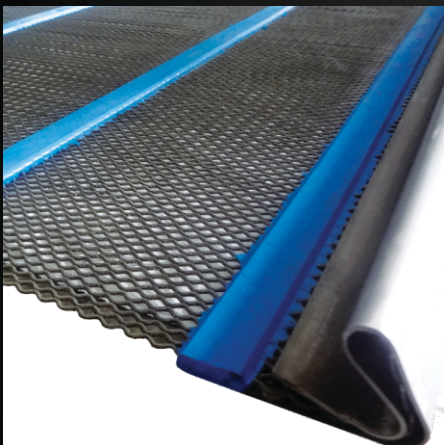




SRG

SRG METALCRAFTS (INDIA) PVT. LTD.

**QUARRY & INDUSTRIAL
SCREEN MESHES**



ABOUT US

SRG Metalcrafts an ISO 9001:2008 certified company (established in 1969) is one of the leading manufacturers of Industrial wire screen meshes having complete infrastructure under one roof to manufacture wide range of screen meshes like vibrating screen mesh, self cleaning harp mesh (with & without PU Strips), crimped wire mesh as per IS 2405/1963 specifications made in various metals like High carbon steel, Stainless Steel, MS and GI wire serving the needs of various Industries like Sugar & Chemical, Coal Washeries, Iron Ore, Manganese Ore, Cement, Stone Crushing and Fertilizer Plants etc.

To manufacture quality screen meshes, we procure high quality tensile/spring steel wire from reputed sources as per IS: 4454, Part – I Grade-I-1981 to with stand the constant vibration and abrasive action of the material.

Believing that “Honesty makes the brand; quality wins the market”, we win honour and recognition in the domestic market based on our good quality.

Following the principles of “surviving with quality and developing credibility”, we do our best to supply products and service with the best quality.

We always welcome development of new type of screens as per specific requirement.

HOW TO IMPROVE THE LIFE OF SCREENS

Newly installed screens should be re-tensioned after about **four** hours followed by another re-tensioning after about **ten** hours of operation, to avoid premature breakage of screen/wire.

Rubber strips should be checked whenever the screen is changed as the rubber wears from the bottom on the rails & is not generally visible.

To improve screening efficiency, clean the screen regularly from adhering & near-size material.

TYPE OF HOOKS

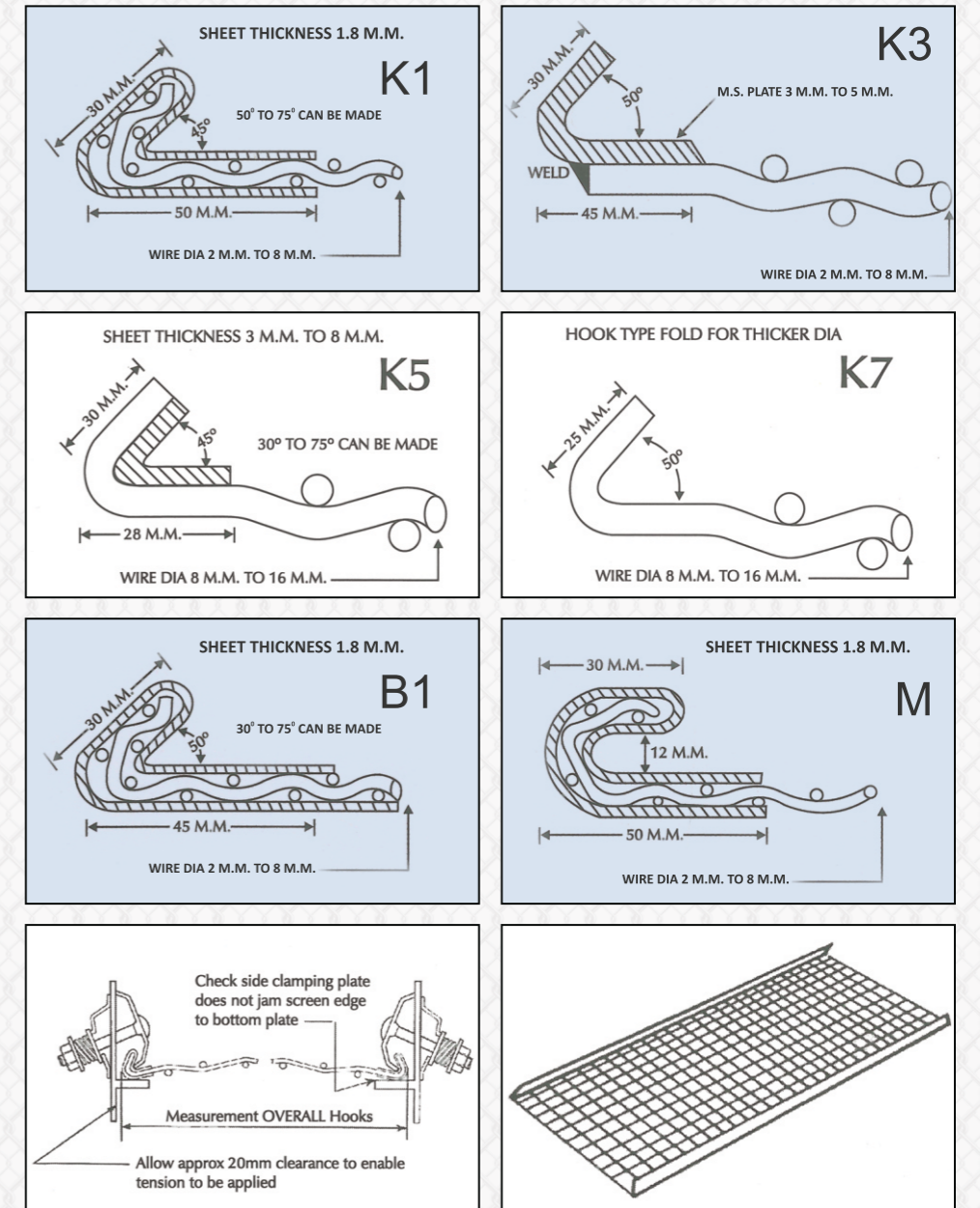


TABLE SHOWS SOME OF THE MOST COMMON SIZES

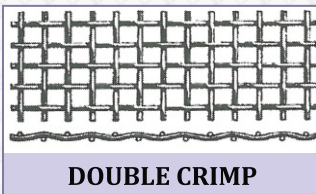
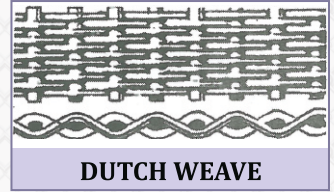
Nominal aperture size (mm)	2.0	2.5	3.15	4		5		6.3		8		10		11.2		12.5		14		16		20		22.4		25														
Nominal wire dia (mm)	1.25	1.25	1.25	1.6	1.25	1.6	1.6	2.0	2.5	2.0	2.5	3.15	2.0	2.5	3.15	4.0	2.5	3.15	4.0	3.15	4.0	5.0	3.15	4.0	5.0	4.0	5.0	5.6	5.0	5.6	6.3	5.0	5.6	6.3	5.0	5.6	6.3	8.0		
Approx. free screening area %	38	44	51	44	58	51	57	51	45	58	51	45	64	58	52	64	58	51	67	61	54	64	57	51	67	61	54	64	58	55	64	61	58	66	64	60	69	67	64	57.0

CUSTOMISED SIZES PROVIDED AS PER REQUIREMENT

Nominal aperture size (mm)	28			31.5				36				40				45				50				56				63				71				80				100			
Nominal wire dia (mm)	5.6	6.3	8.0	5.6	6.3	8.0	10.0	5.6	6.3	8.0	10.0	5.6	6.3	8.0	10.0	5.6	6.3	8.0	10.0	6.3	8.0	10.0	12.0	6.3	8.0	10.0	12.0	6.3	8.0	10.0	12.0	8.0	10.0	12.0	8.0	10.0	12.0	8.0	10.0	12.0	8.0	10.0	12.0
Approx. free screening area %	69	67	61	72	70	64	58	75	72	67	61	77	75	69	64	79	77	72	67	79	74	69	65	81	77	72	68	83	79	74	71	81	77	73	83	79	76	86	83	80			

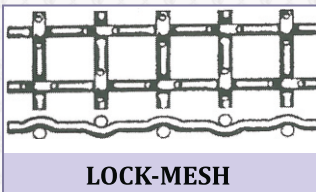
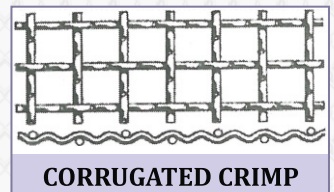
TYPE OF WEAVES

REPS, SINGLE (PLAIN) WEAVE = SPW also called CORDUROY, DUTCH or Basket Weave. The weft wires are woven as closely together as possible so as to obtain a "Zero Mesh", i.e. a wire cloth practically without an aperture.



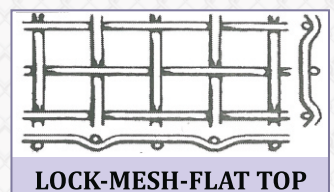
Screens are normally supplied in DOUBLE CRIMP (Plain Weave) Construction. Wires are Crimped evenly in both directions and sprung together by the weaving process to provide a rigid mesh used for most normal applications.

CORRUGATED OR DOUBLE INTERMEDIATE CRIMP screens have additional crimps in both wrap and weft directions between the intersections. This type of weave is used to achieve a rigid mesh where the aperture size is large in relation to the wire diameter.

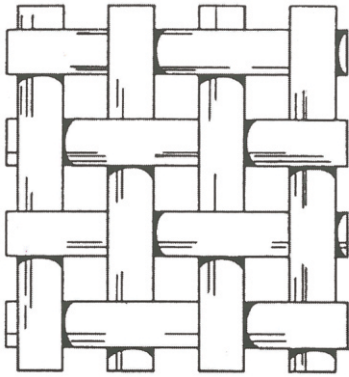


Similar to DOUBLE CRIMP, but with positive crimps of each intersection, the mesh remain firmly locked throughout its life. While this construction is traditionally associated with heavy wire diameters.

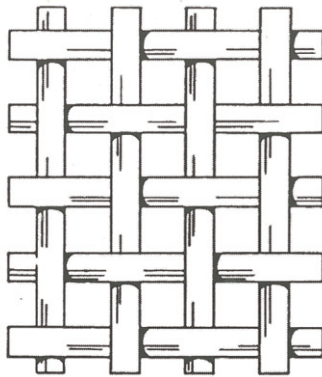
Similar to standard LOCKMESH but with the crimps on the underside of the mesh only, the top surface remains smooth allowing material to pass freely across the screen.



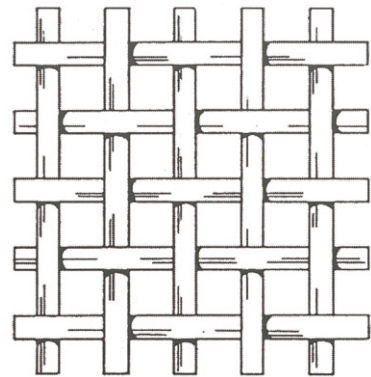
Aperture - Gauge - % Open Space - Screening Rate - Screen Life



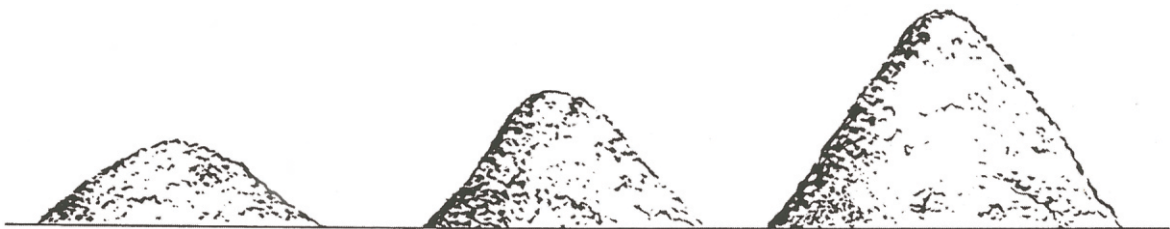
6 mm aperture 6 mm dia
25% open space



6 mm aperture 4 mm dia
37% open space



6 mm aperture 3 mm dia
44% open space

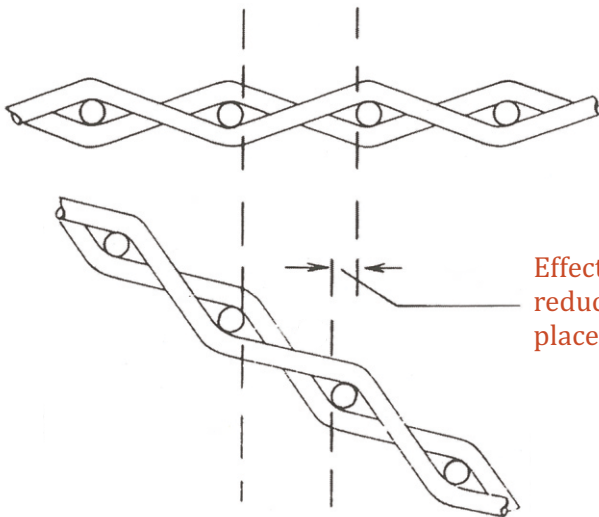


Slower screening
longer working life

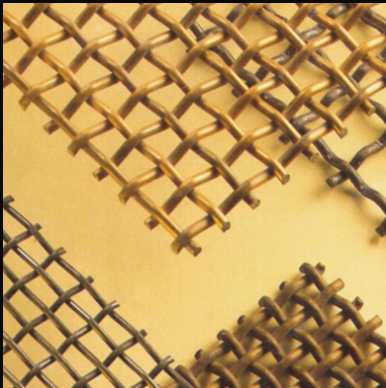
Faster screening
shorter working life

Fastest screening
shortest working life

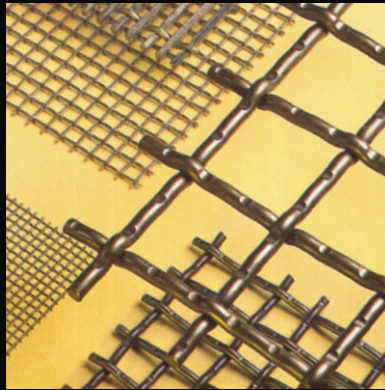
Inclination of Screen - Effect upon Aperture



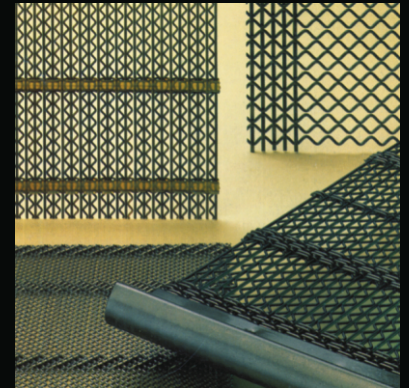
Effective screening area
reduced when screen
placed on incline



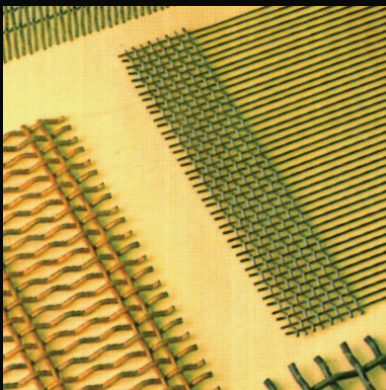
WOVEN MESH



LOCKED CRIMPED MESH



SELF CLEANING HARP MESH



SLOTTED MESH FOR
SPECIALIZED APPLICATIONS



STAINLESS STEEL
WELDED MESH



ACCESSORIES



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