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Mining and Coal Preparation

Wedge wire has, over the years, become synonymous throughout the mineral processing and aggregate industries worldwide, being recognised for its incomparable screening properties for high-volume separation and classification, with the ability to cope amongst abrasive materials and heavy-duty applications, statically and dynamically.

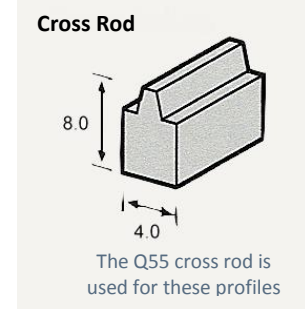
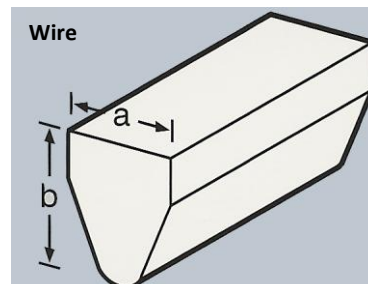
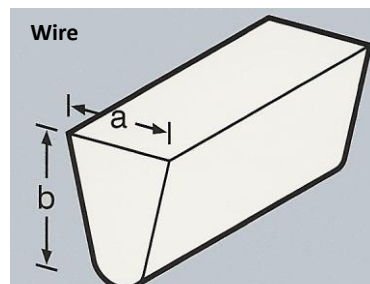
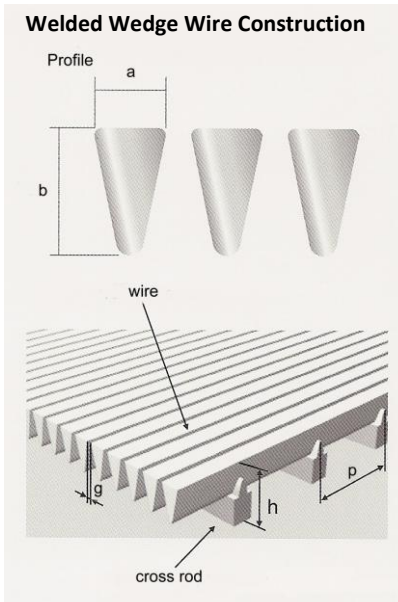
Gap Technology Ltd. provide a multitude of vibrating centrifuge baskets, screen decks and static sieve bend types to a diverse range of OEM's and end users.

Regular types and reasonable quantities are held on stock, produced in a variety of slot gaps and corresponding wire profiles to accommodate the urgent requirements of existing and new customers with a strong reputation for robust construction and precision screen engineering.

Sb and Sbb Welded Wedge Profile

The **Sb** range is our most frequently used profile type offering minimum resistance to passing liquids and fine particles to alleviate potential blinding. Boasting the largest range of Sb profiles within the UK, our extensive table of wire profiles is available in a range of approximately ten Stainless Steel grades with the most commonly used being 304 and 316.

Similar to our Sb range, **Sbb** profile provides a larger body which is slightly parallel at the shoulder to restrict wear of the manufactured slop gap. Ideal for heavy-duty applications, this profile range is also available in our standard grade materials and specialist hardwearing steel qualities.

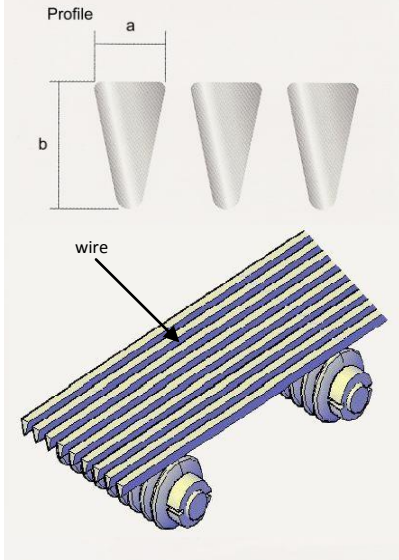


Standard pitch (p) of cross rods is 50mm unless otherwise stated

Profile	Dimensions (mm)		Slot Gap (g) (mm)					
	a	b	0.25	0.50	0.75	1.00	2.00	
22 Sb	1.80	3.70	Open Area %	12.20	21.70	29.40	35.70	52.60
			kg/m ²	12.55	19.36	17.84	16.58	13.18
28 Sb	2.20	4.50	Open Area %	10.20	18.50	25.40	31.30	47.60
			kg/m ²	25.19	23.10	21.43	20.07	16.22
34 Sb	2.80	5.00	Open Area %	8.20	15.20	21.10	26.30	41.70
			kg/m ²	30.04	27.96	26.23	24.81	20.46
34 Sbb	2.20	5.00	Open Area %	10.20	18.50	25.40	31.30	47.60
			kg/m ²	34.32	31.34	28.98	27.06	21.59
42 Sbb	2.80	6.50	Open Area %	8.20	15.20	21.10	26.30	41.70
			kg/m ²	43.28	40.19	37.59	35.46	28.95



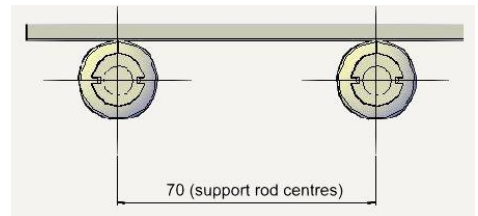
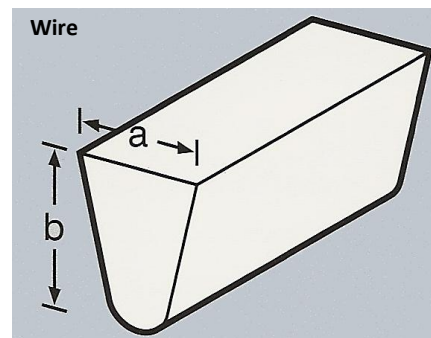
Welded Wedge Wire Construction



Fb Looped Wedge Profile

Standard looped profiles from our **Fb** range cater for most applications where a looped screen may provide beneficial in vibrating applications or traditional installations.

Where even-tapered sides do not dictate the application, a further range of specialist looped wire types are available on request.

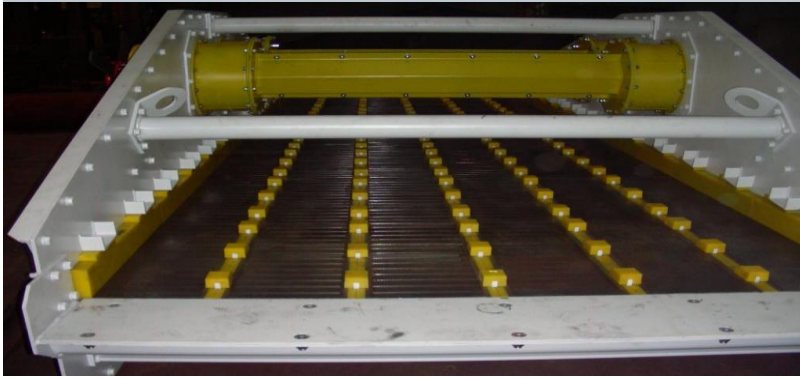


Support rod 7.9mm dia. Positioned at 70mm pitch

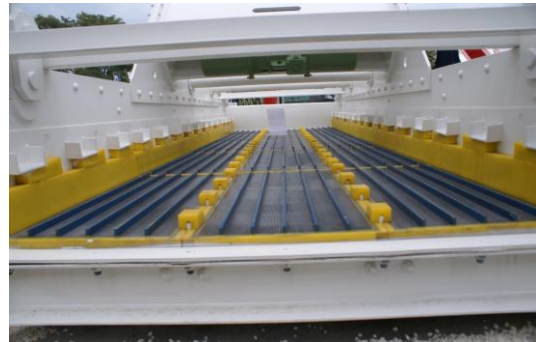
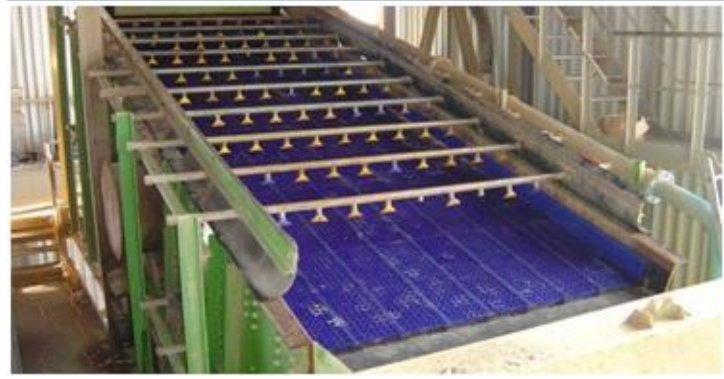
Profile	Dimensions			0.25	0.50	0.75	1.00	2.00
	a	b						
28 Fb	2.20	3.90	Open Area %	10.90	16.56	22.76	27.93	42.41
			kg/m ²	36.21	32.47	30.19	28.27	22.83
32 Fb	2.66	4.32	Open Area %	8.20	14.40	19.80	25.92	41.06
			kg/m ²	37.10	34.76	32.66	30.72	25.24
35 Fb	2.90	4.70	Open Area %	7.39	14.63	21.60	25.19	36.89
			kg/m ²	46.58	42.85	39.63	34.93	28.96
39 Fb	3.28	5.31	Open Area %	6.93	12.77	16.95	22.89	35.97
			kg/m ²	49.63	43.38	41.19	37.27	32.96



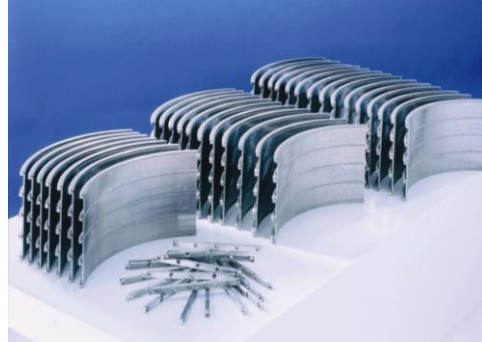
GapLok Wedge Wire & Polyurethane Modular System



Polyurethane screen deck with Clip-Tec rail system



Sieve Bends

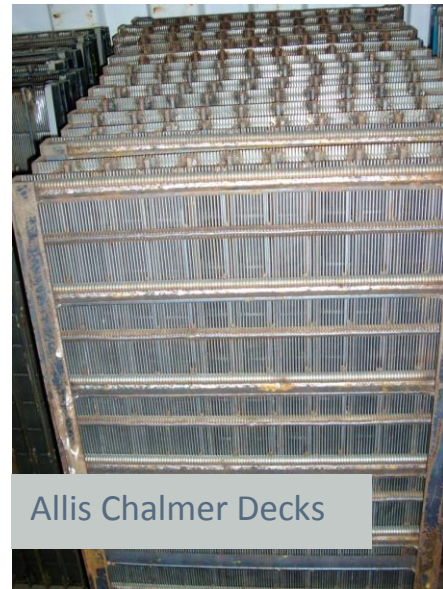


Looped Impact Screen Decks



Parnaby Sieve Bends

Allis Chalmer Decks

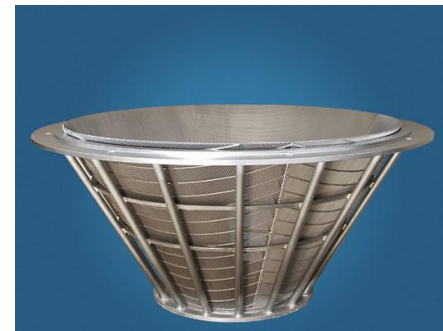
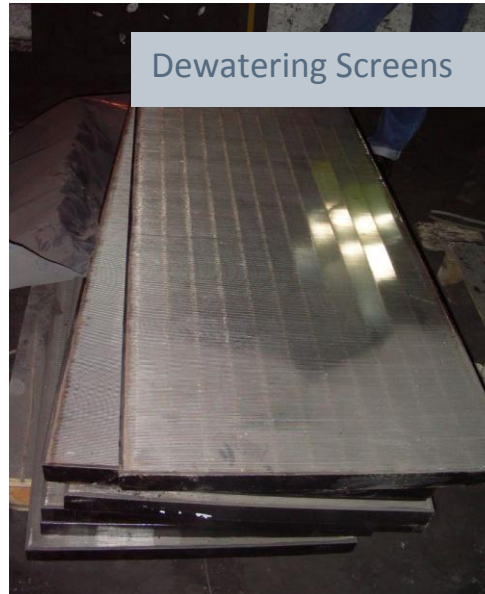


Allis Chalmer Decks



Banana Screen Sieve

Dewatering Screens



Centrifuge Baskets



Bed Plate

