

MULTOTEC

Optima Centrifuge Baskets



Your Specialist in Screening Media



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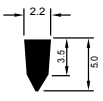
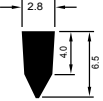
Materials of Construction

Multotec uses 430 stainless steel, which is a ferritic steel with no nickel that has a high abrasion resistance.

Multotec can supply 304 stainless steel applications where corrosion creates problems.

Profiles and Apertures

The choice of the wedgewire profile and the aperture is a compromise between the open area and the life of the basket. A high open area results in a lower moisture of the product. The aperture size influences the size of particles in the centrate.

	34sbb	42sbb
longitudinal profiles		
Aperture (mm)	Open area (%)	Open area (%)
0,3	12,0	9,7
0,5	18,5	15,2

Feed End Wear Cone

This is an optional extra solid steel plate which absorbs the impact of the feed to provide a longer life.

Accelerator Bars

These are used to replace the distribution cone by bringing the coal up to the speed of the basket, which reduces the wear rate.



Discharge End Wear Cone

This is an optional extra solid steel plate to overcome the high wear rate due to the high peripheral speed.

A wide range of the popular sizes of centrifuge baskets are kept in stock		
HES	HSG	H900
1150 x 10°	1000 x 13°	H1000
1300 x 10°	1100 x 13°	FC1200
1300 x 15°	1300 x 13°	VM1300
		VM1400

Manufacturing Techniques



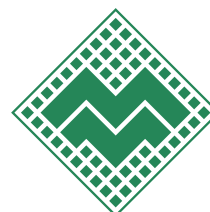
The assembly of the baskets takes place on jigs, ensuring accurate and consistent dimensions.



The feed end flange is fully machined, ensuring a perfectly symmetrical mounting flange and the correct length for the basket.



Centrifuge baskets are dynamically balanced to provide peak performance and to minimise the wear and tear on the centrifuge machine.



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Multotec products are subject to continuous development and Multotec reserves the right to make changes to the specifications and design of its products without prior notification.

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