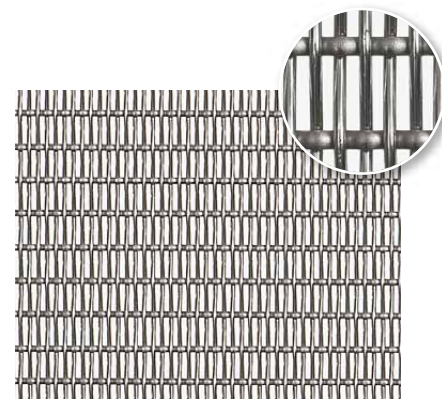


MORE THROUGHPUT, LONGER LIFETIME: SPECIAL SLOTTED APERTURES – TON-CAP AND EGLA-MAX.

By default, rectangular apertures have a length-to-width ratio of 1:3. Wires of the same diameter as for the corresponding square apertures are used. The open area is larger than with a square aperture, ensuring a higher throughput. However, the wear lifetime of the screen section is shorter due to the lower weight. The Haver & Boecker product range has two special rectangular apertures that provide for convincing solutions.

TON-CAP
This stands for Tonnage Capacity, a wire cloth consisting of fine rectangular apertures with a length-to-width ratio of 1:6 to 1:15. The sleek shape of these apertures permits the use of larger-diameter wire than with corresponding square apertures. While the open area remains approximately the same, the weight is more than double, which ensures that the wear life of TON-CAP is significantly longer with comparable throughput capacity.

TON-CAP is suitable primarily for abrasive materials when a long wear life is a top priority. lange Standzeit erzielt werden soll.

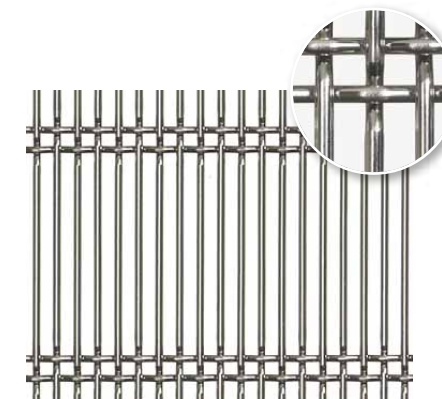


TON-CAP			
Aperture width	Wire diameter	Weight	Open screening area
w	d	G	Ao
mm	mm	kg/m ²	%
0.18 x 2.65	0.45 / 0.50	2.60	24
0.25 x 1.60	0.40 / 0.56	2.55	29
0.265 x 4.50	0.56 / 0.63	2.95	28
0.30 x 2.00	0.45 / 0.56	2.55	31
0.355 x 2.50	0.45 / 0.63	2.45	35
0.375 x 2.65	0.40 / 0.50	1.90	41
0.40 x 2.50	0.56 / 0.71	3.10	33
0.45 x 3.55	0.45 / 0.63	2.10	43
0.475 x 3.00	0.50 / 0.71	2.55	39
0.53 x 3.35	0.45 / 0.63	2.00	46
0.53 x 3.35	0.63 / 0.90	3.45	36
0.56 x 3.55	0.50 / 0.71	2.30	44
0.56 x 3.55	0.56 / 0.80	2.75	41
0.63 x 4.25	0.63 / 0.90	3.00	41
0.71 x 4.25	0.71 / 0.90	3.25	41

EGLA-MAX			
Aperture width	Wire diameter	Weight	Open screening area
w	d	G	Ao
mm	mm	kg/m ²	%
0.63 x 30.00	1.00 / 2 x 0.80	4.15	37
0.71 x 30.00	1.00 / 2 x 0.80	3.97	39
0.80 x 30.00	1.00 / 2 x 0.80	3.78	42
0.90 x 30.00	1.00 / 2 x 0.80	3.60	45
1.00 x 30.00	1.00 / 2 x 0.80	3.43	48
1.12 x 30.00	1.00 / 2 x 0.80	3.25	50
1.25 x 30.00	1.25 / 2 x 1.00	4.37	47
1.40 x 30.00	1.25 / 2 x 1.00	4.14	50
1.60 x 40.00	1.25 / 2 x 1.00	3.78	54
1.80 x 40.00	1.25 / 2 x 1.25	4.36	53
2.00 x 40.00	1.40 / 2 x 1.25	4.13	55
2.50 x 40.00	1.40 / 2 x 1.25	3.66	60
3.15 x 50.00	1.60 / 2 x 1.40	3.89	63
4.00 x 63.00	1.80 / 2 x 1.60	4.04	66
5.00 x 63.00	1.80 / 2 x 1.60	3.52	70

EGLA-MAX
Contrary to TON-CAP, increasing the open area is of primary importance in EGLA-MAX which has extreme aperture proportions of up 1:25. The wire diameter is only slightly bigger than for the corresponding square apertures so that both qualities have comparable weights and thus wear properties. To ensure a tight connection between warp and weft wires and to strengthen the stability of the wire cloth, EGLA-MAX has two weft wires woven in with each group of cross wires.

Thanks to the larger open area, throughput and capacity of the operation are increased.



The extremely long aperture significantly reduces the tendency to blinding and pegging. Furthermore, the EGLA-MAX surface is flat on one side, which ensures consistent wear over the entire screen section.