

## DNT Continuous Centrifuge Nickel screens



DNT is the original developer and world's largest manufacturer of high-quality chrome-plated electroformed nickel screens for continuous centrifuges. We have the largest variety of screen types readily available. We continuously work on improving and expanding our product line to help your business get ahead.



### Technical specifications

Screens type	slot type	slot size mm	open area%	thickness mm
DNT Standard	40/10	0.04 x 1.66	4.2%	0.31
	40/10	0.06 x 1.67	6.4%	0.29
	40/10	0.09 x 1.69	9.6%	0.28
DNT crystal	70/10	0.04 x 2.18	9.6%	0.33
	70/10	0.06 x 2.20	14.4%	0.33
	70/10	0.09 x 2.23	21.3%	0.33

DNT basically supplies two types of Nickel screens for continuous centrifuges:

- DNT Standard for normal applications
  - DNT crystal -Special for higher throughput and/or lower final molasses purity and longer life
- All two types meet and even surpass the quality standards that most customers require.

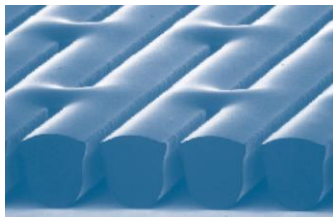
The electroforming process imparts a mirror-smooth surface, without burrs or bumps. The conical hole shape reduces blinding and clogging.

All screens are made so that the length of the slot is radially aligned in multiple arc segments. This ensures maximum crystal separation efficiency. Whether you require more throughput, lower final molasses or lower maintenance costs, DNT is your best choice.



**dnt Standard screen - for normal sugar filtering applications.**

- Mirror-smooth working surfaces of pure nickel, without any burrs or bumps, chrome-plated for longer lifetime, for a soft travel of sugar crystal with less break-up.
- The conical hole shape reduces blinding and clogging.
- Slot arrangements radially aligned in multiple arc segments to suit the travel direction of sugar crystals to obtain optimum purity value at maximum capacity.
- Dimensions in accordance with centrifuge manufacturer specifications.



**DNT crystal -Special screens - highest sugar crystal throughput and/or lowest final molasses purity**

Dnt crystal nickel sugar screen - better purging value, lower water consumption and increased durability. DNT is market leader in the field of high-grade screens for centrifuges in the sugar industry. The dnt crystal screens have a very good reputation for high process efficiency. Thanks to the high open area (twice as large as standard screens), and to the increased thickness, dnt crystal offers better purging value, lower water consumption and increased durability. Dnt crystal can be used with 0.09mm or 0.06mm slot widths to increase the centrifuge throughput up to 150% of the standard value. It can also be used, with 0.04mm slot width, in low-grade masseccuite in order to capture the tiniest crystal of sugar without losing throughput.



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