



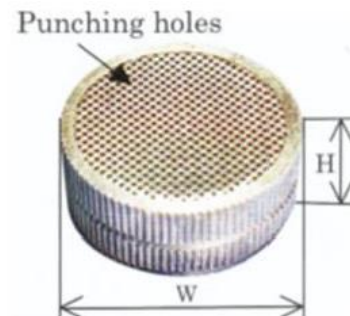
ISOVENTS

Superior core box vents

Product properties

ISOVENTS represent a substantial breakthrough in vent design. The round shape of the holes effectively keeps the vents free, making them clog proof, thus minimizing maintenance and cleaning. This design allows easy installation and provides substantial technical advantages producing extraordinary economical return.

The components of the 10mm high ISOVENTS are entirely made from steel alloys. The ISOVENTS with 8mm height, however have an internal brass body. For tools used with hot-curing processes, we recommend to exclusively use the ISOVENTS with the height of 10mm.



- Highest venting efficiency
- Smooth sand surfaces
- Virtually self-cleaning
- Total deformation resistance
- Installation is easy with knurling

Analytical data

Flexible sealing material made from alumina silicates in combination with organophile bentonite and mineral oil.

Storage & handling

ISOVENTS are available in two heights (8mm and 10mm). Both are manufactured with nickel plated brass bodies and stainless steel vent plates or are produced with all stainless steel components for maximum corrosion resistance. There are two hole sizes – standard (0.6mm) and fine (0.3mm). Generally the standard hole (608 and 610) size is suitable for sands with an average grain size >0.22mm (approximately <70 AFS). For finer sands the 0.3mm holes size (308 and 310) should be selected.

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ISOVENTS

Note that some sand grains passing through the vents is normal and ensures that ISOVENTS remaining effective with minimal cleaning.

Dimensions, open area and weight:

Typ	Material	Diameter of holes	Height (H [mm])	Diameter W (K-... [mm])							
				Open area [mm ²] weight / vent [g]							
ISOVENT 308	brass	0,3mm	8mm	K-06	K-08	K-10	K-12	K-14	K-16	K-18	K-20
				2,26 1,10	4,41 1,70	8,56 2,40	12,8 3,10	17,9 4,10	25,7 5,70	34,6 6,10	45,2 8,00
ISOVENT 310	steel	0,3mm	10mm	K-06	K-08	K-10	K-12	K-14	K-16	K-18	K-20
				2,26 1,20	4,41 1,90	8,56 2,70	12,8 3,90	17,9 5,50	25,7 6,30	34,6 7,30	45,2 8,30
ISOVENT 608	brass	0,6mm	8mm	K-06	K-08	K-10	K-12	K-14	K-16	K-18	K-20
				3,62 1,10	7,42 1,70	11,9 2,30	21,9 3,00	30,4 4,00	44,1 5,00	60,4 5,50	79,3 7,00
ISOVENT 610	steel	0,6mm	10mm	K-06	K-08	K-10	K-12	K-14	K-16	K-18	K-20
				3,62 1,20	7,42 1,90	11,9 2,60	21,9 3,50	30,4 4,60	44,1 5,90	60,4 6,90	79,3 7,90

Minimum purchase amount per type: 100 pcs.