

## ProVac® Chillvents and Inserts

With integrated cooling connection and vacuum control



Chillvents are a simple and cheap tool to evacuate air and gases from dies. Very often they are made internally by the toolmaker.

They don't need maintenance, but once worn out they must be replaced.

Compared to a vacuum-valve their evacuation-capacity is limited, and to assure sufficient evacuation, more than just one chillvent may be necessary.

**ProVac® Chillvents by VDS make the difference with significant added value.**

They are made of **high-quality steel with an ingenious and smart design of the steps**. Fitted with integrated liquid cooling connection and vacuum control they last much longer and increase your productivity to a very high degree.

ProVac® Chillvents are available in the same dimensions as the vacuum-valves from VDS and may be integrated into the modular ProVac® Vacuumsystem.

If one day your specific needs require more efficient means than chill-vents, you may use vacuum-valves in place of the chills and fit them into your dies.

No matter how your business evolves, your investment is protected as the ProVac® Vacuumsystem evolves with You!



## Technical information for ProVac® Chillvents

**Cv300 / 1000 / 2000 / 3000**  
**Inserts Cv136 / Cv156 / Cv196**

Chillvents		Cv300	Cv1000
For die casting machines with locking force of	approx.	600 ... 4'000 kN	2'000 ... 8'000 kN
For total parts of net weight per die (trimmed)	approx. in Zn	0,1 ... 2 kg	0,5 ... 4 kg
	approx. in Al	0,1 ... 0.8 kg	0,5 ... 2,5 kg
For dies with several core slides	approx. in Al		0,5 ... 2,5 kg
Dimensions of chillvents / insert on fixed die	in mm	H 160, W 85, D 60	H 160, W 130, D 60
Dimensions of chillvents / insert on moving die	in mm	H 160, W 85, D 50	H 160, W 130, D 50

Chillvents		Cv2000	Cv3000
For die casting machines with locking force of	approx.	6'000 ... 20'000 kN	8'000 ... 25'000 kN
For total parts of net weight per die (trimmed)	approx. in Al	2 ... 8 kg	3 ... 15 kg
For dies with several core slides	approx. in Al	2 ... 6 kg	3 ... 15 kg
Dimensions of chillvents / insert on fixed die	in mm	H 220, W 130, D 60	H 220, W 180, D 60
Dimensions of chillvents / insert on moving die	in mm	H 220, W 130, D 60	H 220, W 180, D 60

Chill Inserts	Cv136	Cv156	Cv196
Dimensions of chillvents / insert on fixed die, in mm	H 100, B 36, T 35	H 100, W 56, D 35	H 100, W 96, D 45
Dimensions of chillvents / insert on moving die, in mm	H 100, B 36, T 40.3	H 100, W 56, D 40.3	H 100, W 96, D 45.3