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## VEZIN DRY SOLIDS SAMPLER

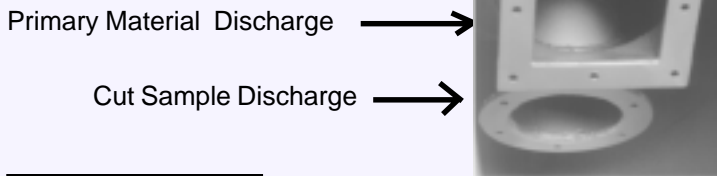
Sepor's continuous vezin samplers are designed for dependable sampling on a continuous application. They are ideal as secondary sample splitters, splitting a continuous or intermittent sample stream from the primary sample splitter, to obtain a much smaller size sample for laboratory testing. The sample splitters are totally enclosed to minimize dust problems. The area between the sample cutter and the discharge chute is sealed to prevent possible contamination or sample loss. The fabricated steel housing includes an inspection door, to give access to the sampler interior. Materials of construction are mild steel or stainless steel. Replaceable cutter blades are constructed of abrasion resistant alloys, or stainless steel, depending upon application.

The vezin sampler operates by one or more cutters revolving on a central shaft, passing through the sample stream and collecting a fixed percentage of the total sample (2% to 20%). The principle of the vezin samplers is simple, since the path of the cutter blade is a true circle, the portion of the circle that represents the radial cutter opening determines the amount of cut material flowing through the sampler, regardless of cutter speed. For example, a cutter which has a width equal to 18 degrees of the vezin's circumference would take a 5% cut, since it would be in the sample stream 5% of the time and out of the stream 95% of the time.



**Vezin Dry Solids Sampler  
With Enclosed Control Panel**

**Vezin Samplers have only a 0.3%  
Error Rate in Sampling Slurries or  
Solids**



**View From Bottom Of Vezin**



**Replaceable Vezin Sample  
Cutter**

CATALOG NUMBER	DESCRIPTION	MAX. FLOW	% CUT MADE
040J-100	16" Vezin, Slurry	3 TPH	5% - 20%
040J-105	20" Vezin, Slurry	10 TPH	2.5% - 20%
040J-110	40" Vezin, Slurry	40 TPH	2.5% - 20%
040J-130	48" Vezin, Slurry	200 TPH	2.5% - 20%