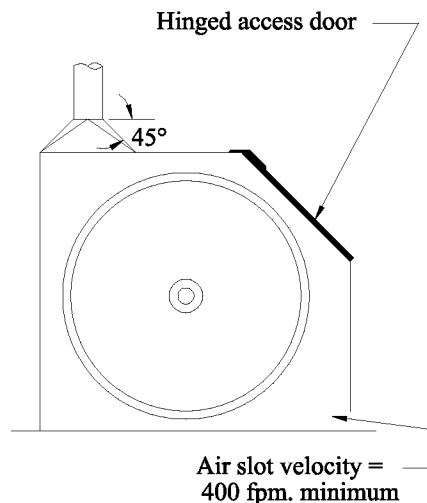


**SECTION THROUGH HOLLOW
TRUNNION TUMBLER**

Minimum duct velocity = 5000 fpm
Entry loss (h_e) depends on design and
typically ranges from 3 to 9 "wg.



**STAVE MILL
(END SECTION)**

Minimum duct velocity = 3500 fpm
 $h_e = 0.25 VP_d$

EXHAUST RATES

Square mill side dia. in inches	Round mill I.D. in inches	Exhaust cfm **	
		Trunnion	Stave
	Up to 24 incl.	430	800
Up to 24 incl.	24 - 30	680	900
25 - 30	31 - 36	980	980
31 - 36	37 - 42	1330	1330
37 - 42	43 - 48	1750	1750
43 - 48	49 - 54	2200	2200
49 - 54	55 - 60	2730	2730
55 - 60	61 - 66	3300	3300
61 - 66	67 - 72	3920	3920
67 - 72		4600	4600

* Low-loss designs have large air inlet openings in end bell.
Holes in end discs are sized for velocities of 1250 - 1800 fpm.

** For lengths over 72", increase exhaust rate proportionately



TITLE

TUMBLING MILLS

FIGURE

VS-80-03

DATE

02-91