

Standard cone crusher capacities

Standard Symons cone crushers — cavities • feed openings • product

Open circuit — capacities in tons (2000 lb) per hour passing through the crusher at indicated								
Size	Type of cavity	Recommended minimum discharge setting A	Feed opening with min. recommended discharge setting A		1/4"	3/8"	1/2"	5/8"
			B Closed side	B Open side				
2 Ft.	Fine	1/4"	2-1/4"	2-7/8"	18	20	25	30
	Coarse	3/8"	3-1/4"	3-3/4"				
	Extra Coarse	1/2"	4"	4-1/2"				
3 Ft.	Fine	3/8"	3-5/16"	4-1/16"	50	65	80	80
	Coarse	1/2"	6-3/8"	7"				
	Extra Coarse	1"	6-1/2"	7-1/8"				
4 Ft.	Fine	3/8"	5"	5-5/8"	70	100	120	130
	Medium	1/2"	6-1/8"	6-7/8"				
	Coarse	3/4"	7-1/8"	8-1/8"				
Extra Coarse	1"	9-1/4"	10"					
	Fine	1/2"	4-3/8"	5-3/8"	120	140	145	200
	Medium	5/8"	7-1/2"	8-1/4"				
Coarse	3/4"	8-5/8"	9-5/8"					
Extra Coarse	1"	8-3/4"	10-1/8"					
	Fine	5/8"	7-1/2"	8-3/8"	200	200	200	200
	Medium	7/8"	8-1/2"	9-5/8"				
Coarse	1"	9-5/8"	10-3/4"					
Extra Coarse	1-1/2"	13"	14-1/4"					
	Fine	3/4"	10-1/8"	11-1/8"				
	Medium	1"	12-1/8"	13-3/8"				
Coarse	1-1/4"	13-3/8"	14-3/4"					
Extra Coarse	1-1/2"	16-3/4"	18-1/8"					
	Consult factory for capacities							

Closed circuit — capacities in tons (2000 lb) per hour based on closed circuit operation										
Size	Type of cavity	Recommended minimum discharge setting A	Feed opening with min. recommended discharge setting A		Effective square opening on circuit					
					1/4"		3/8"		1/2"	
			B Closed side	B Open side	Recommended closed side settings					
					1/4"		3/8"		3/8"	
					Note 1	Note 2	Note 1	Note 2	Note 1	Note 2
2 Ft.	Fine	1/4"	2-1/4"	2-7/8"	10	20	12	24	16	28
	Coarse	3/8"	3-1/4"	3-3/4"			12	24	16	28
	Extra Coarse	1/2"	4"	4-1/2"						
3 Ft.	Fine	3/8"	3-5/16"	4-1/16"			35	65	40	70
	Coarse	1/2"	6-3/8"	7"						
	Extra Coarse	1"	6-1/2"	7-1/8"						
4 Ft.	Fine	3/8"	5"	5-5/8"			50	95	55	95
	Medium	1/2"	6-1/8"	6-7/8"						
	Coarse	3/4"	7-1/8"	8-1/8"						
4 1/4 Ft.	Extra Coarse	1"	9-1/4"	10"						
	Fine	1/2"	4-3/8"	5-3/8"						
	Medium	5/8"	7-1/2"	8-1/4"						
5 1/2 Ft.	Coarse	3/4"	8-5/8"	9-5/8"						
	Extra Coarse	1"	8-3/4"	10-1/8"						
	Fine	5/8"	7-1/2"	8-3/8"						
7 Ft. HD	Medium	7/8"	8-1/2"	9-5/8"						
	Coarse	1"	9-5/8"	10-3/4"						
	Extra Coarse	1-1/2"	13"	14-1/4"						
7 Ft. XHD	Fine	3/4"	10-1/8"	11-1/8"	Consult factory for capacities					
	Medium	1"	12-1/8"	13-3/8"						
	Coarse	1-1/4"	13-3/8"	14-3/4"						
7 Ft. XHD	Extra Coarse	1-1/2"	16-3/4"	18-1/8"	Consult factory for capacities					