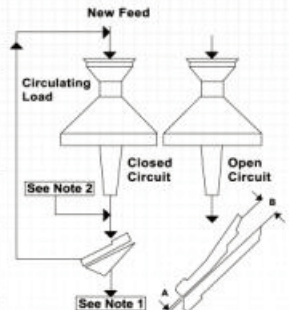


# STANDARD CONE CRUSHER CAPACITY CHARTS

STANDARD CONE CRUSHERS CAVITIES • FEED OPENINGS • PRODUCT SIZES • CAPACITIES

OPEN CIRCUIT – CAPACITIES IN TONS (2000 LB) PER HOUR PASSING THROUGH THE CRUSHER AT INDICATED DISCHARGE SETTING "A"														
Size	Type of cavity	Recommended minimum discharge setting A	Feed opening with min. recommended discharge setting A		3/8" (9mm)	1/2" (13mm)	5/8" (16mm)	3/4" (19mm)	7/8" (22mm)	1" (25mm)	1-1/4" (31mm)	1-1/2" (38mm)	2" (51mm)	2-1/2" (64mm)
			B Closed side	B Open side										
3 Ft. (914mm)	Fine	3/8" (9mm)	3-5/8" (83mm)	4-1/16" (102mm)	50	65	80	90	100	130	150	180		
	Coarse	1/2" (13mm)	6-3/8" (159mm)	7" (175mm)										
	Extra Coarse	1" (25mm)	6-1/2" (163mm)	7-1/8" (178mm)										
4-1/4 Ft. (1295mm)	Fine	1/2" (13mm)	4-3/8" (109mm)	5-3/8" (137mm)	120	140	160	170	180	200	280			
	Medium	5/8" (16mm)	7-1/2" (188mm)	8-1/4" (210mm)										
	Coarse	3/4" (19mm)	8-5/8" (216mm)	9-5/8" (241mm)										
Extra Coarse	1" (25mm)	9-1/2" (238mm)	10-3/8" (259mm)	145	175	190	215	240	275	325	385	395		
5-1/2 Ft. (1676mm)	Fine	5/8" (16mm)	7-1/2" (188mm)	8-3/8" (209mm)	200	225	250	285	325	360	420	460	700	
	Medium	7/8" (22mm)	8-1/2" (213mm)	9-5/8" (241mm)										
	Coarse	1" (25mm)	9-5/8" (241mm)	10-3/4" (269mm)										
Extra Coarse	1-1/2" (38mm)	13-1/4" (331mm)	14-1/2" (368mm)	260	300	330	390	460	500	525	750			



**Note 1** Net finished product (screen undersize)  
**Note 2** Tons per hour passing through crusher (net finished product plus recirculating load)

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 closed circuit screen																	
			B Closed side	B Open side	3/8" (10mm)	1/2" (13mm)	5/8" (16mm)	3/4" (19mm)	7/8" (22mm)	1" (25mm)	1-1/4" (31mm)	1/2" (38mm)	2" (50mm)	2-1/2" (63mm)	Recommended closed side settings for closed circuit operation							
					3/8" (10mm)	3/8" (10mm)	1/2" (13mm)	5/8" (16mm)	3/4" (19mm)	3/4" (19mm)	7-8" (22mm)	1" (25mm)	1-1/4" (32mm)	1-1/2" (38mm)	Note 1	Note 2	Note 1	Note 2	Note 1	Note 2		
3 Ft. (914mm)	Fine	3/8" (9mm)	3-5/8" (83mm)	4-1/16" (102mm)	35	65	40	70	45	75	60	90	70	105	80	105	95	120	120	150	145	170
	Coarse	1/2" (13mm)	6-3/8" (159mm)	7" (175mm)					45	75	60	90	75	110	85	110	100	125	120	150	145	170
	Extra Coarse	1" (25mm)	6-1/2" (163mm)	7-1/8" (178mm)									75	110								
4-1/4 Ft. (1295mm)	Fine	1/2" (13mm)	4-3/8" (109mm)	5-3/8" (137mm)					95	135	105	155	125	185	145	190	175	220	205	205	235	280
	Medium	5/8" (16mm)	7-1/2" (188mm)	8-1/4" (210mm)					120	175	135	200	155	205	190	235	220	270	250	250	295	
	Coarse	3/4" (19mm)	8-5/8" (216mm)	9-5/8" (241mm)							140	210	165	215	190	245	225	275	260	310		
Extra Coarse	1" (25mm)	9-1/2" (238mm)	10-3/8" (259mm)																			
5-1/2 Ft. (1676mm)	Fine	5/8" (16mm)	7-1/2" (188mm)	8-3/8" (209mm)					160	235	180	265	210	270	240	300	300	360	300	360	330	390
	Medium	7/8" (22mm)	8-1/2" (213mm)	9-5/8" (241mm)											250	310	310	375	310	375	350	410
	Coarse	1" (25mm)	9-5/8" (241mm)	10-3/4" (269mm)													315	380	250	400	400	465
Extra Coarse	1-1/2" (38mm)	13-1/4" (331mm)	14-1/2" (368mm)															350	410	410	490	