

## Symons Cone Crusher - Grinding Mill



### Symons Cone Crusher

Symons Cone Crusher is used or metallurgical, construction, road building, chemical and phosphatic business, Symons Cone Crusher is under conditions as common hardness, Symons Cone Crusher is comparing with other kinds crusher, Symons cone crusher is excellent for fine crushing, efficient production and saving maintenance. The long arm of force in the Symons cone crusher provides greater crushing force. And the spring release system generates more opposing force than other cone crushers, used in mine industry widely.

#### Technique Parameter of Standard Symons Cone Crusher:

Type	Dia. of cone	Cavity	Feed opening	Discharge setting	Capacity	Countershaft	Power	Weight	Overall dimension
	mm (inch)		mm	mm	ton/hour	r/min	kw	ton	mm
2ft	600 (2\')	fine	72	6-38	16-54	575	22	6	2195x1158 x1651
		coarse	109	9-38	18-68				
		Extra coarse	109	13-38	23-72				
3 ft	900 (3\')	fine	102	9-22	45-91	580	75	15	2656x1746 x2241
		coarse	175	13-38	59-163				
		Extra coarse	178	25-38	118-163				
4 ft	1200 (4\')	fine	131	9-31	63-188	485	110	20	2656x1974 x3112
		medium	156	13-38	100-200				
		coarse	191	19-51	141-308				

		Extra	250	25-51	190-317				
4 1/4 ft	1295 (4 1/4\')	fine	137	13-31	109-181	485	155	27	2809x2354 x3156
		medium	210	16-38	132-253				
		coarse	241	19-51	172-349				
		Extra	259	25-51	236-358				
5 1/2 ft	1676 (5 1/2\')	fine	209	16-38	181-327	485	220	55	3911x2870 x3771
		medium	241	22-51	258-417				
		coarse	269	25-64	299-635				
		Extra	368	38-64	431-630				
7 ft	2134 (7\')	fine	278	19-38	381-726	435	315	110	4613x3251 x4732
		medium	334	25-51	608-998				
		coarse	369	31-64	789-1270				
		Extra	460	38-64	880-1361				

### Short Head Cone Crusher Technique Parameter:

Type	Dia. of cone mm (inch)	Cavity	Feed opening mm	Discharge setting mm	Capacity ton/hour	Countershaft r/min	Power kw	Weight ton	Overall dimension mm
2ft	600 (2\')	fine	35	3-13	9-36	575	22	6	2195x1158 x1651
		coarse	51	5-16	16-50				
3 ft	900 (3\')	fine	41	3-13	27-90	580	75	15	2656x1746 x2410
		medium	60	3-16	27-100				
		coarse	76	6-19	59-127				
4 ft	1200 (4\')	fine	57	5-16	50-132	485	110	20	2560x1942 x2928
		medium	73	10-16	90-145				
		coarse	89	13-19	141-181				
4 1/4 ft	1295 (4 1/4\')	Extra	117	13-25	145-218	485	155	27	2958x2254 x3156
		fine	64	3-16	36-163				
		medium	89	6-16	82-163				
		coarse	105	10-25	109-227				
5 1/2 ft	1676 (5 1/2\')	Extra	133	19-25	209-236	485	220	55	3917x2870 x3771
		fine	70	5-13	90-209				
		medium	89	6-19	136-281				
		coarse	133	10-25	190-336				
7 ft	2134 (7\')	Extra	133	10-25	253-336	435	315	110	4130x3251 x4454
		fine	105	5-16	190-408				
		medium	133	10-19	354-508				

coarse	178	13-25	454-599
Extra	203	16-25	508-653

**Note:** This specification is just for reference, any changes are subject to the products.