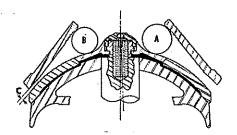
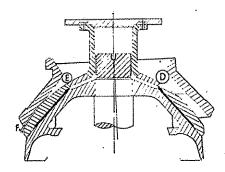
## OPENINGS & CAPACITIES



The diagrams show the open and closed side feed openings and the closed side discharge opening of (left) the Style S Coarse Crushing Gyrasphere and (right) the Style FC Fine Crushing Gyrasphere. The closed side discharge opening determines the size of the finished product. The FC diagram also shows the feed distributor plate.



STYLE FC

## STYLE 'S' COARSE CRUSHING

		FEED C	PENING	Recom'nded Minimum		Ce	paci	ies a	CAPA re gi	CITY ven i	PER n lon	HOU g ton	R AT s (Br	VA) itish)	of 2,	DIS 240 1	CHAI	RGE :	OPEN ort to	IING ons (	S (NC Amer	TE 2 ican)	of 2,	000 1	bs.	
Size	Type of Bowl	Open Side 'A' (Note I)	Closed Side 'B'	Discharge	<b>4</b> ″		ł"		<b>↓</b> " <b>₺</b> "		H	3"		₹"		7 1		1,	-"	14"		2"		21"		
Gyrasphere				Opening 'C' - (Note 3) le	long tons	sh't tons	long tons	sh't tons	long tons	sh't tons	long lons	sh't tons	long tons	sh't tons	long tons	sh't tons	long tons	sh't tons	long tons	sh't tons	long	sh't tons	long tons	sh't tons	long tons	sh'
24S	Coarse	31.,	3″	8"	13	14	16	18	20	22	28	27	29	32	32	36	37	41		********						<b> </b>
243	Medium	S‡	14"	1/2	to 18	17	to 20	to 22	10 25	to 27	to 30	10 33	10 34	38	39	44	10 44	to 49								
245S	Coarse	48"	4"	<u>‡</u> "					20 to 25	22 to 27	25 to: 30	27 to 33	29 to 34	32 to 38	32 to 39	36 to 44	37 to 44	41 to 49	41: to 48	46 to 84						
36S	Coarse	5‡"	48"	<u>‡"</u>			28	31	36	40	45	50	54	60	61	68	64	72	71	80	26	85				
	Medium	44"	3∤"	₹″			to 34	to 38	to 45	to 60	to 54	to 60	to 68	10 75	to 74	to 83	to 79	10 88	to 85.	to 98	94	to 105				
3675	Coarse	7"	6‡"	₹"	********						-		84 to 68	60 to 75	61 to 74	68 to 83	64 10 79	72 to 88	71. to 88	80 to 95	76 to 94	85 to 105	80 to 98	90 to 110		
	Coarse	71/	6‡".	₹*					63	70	85	98	98	110			120	138	138	158	147	165	152	170		-
48S	Medium	21,	4:""	<b>‡</b> "					94	to 105	116	to 130	134	150	to 147	165	to 156	178	170	190	10 179	10 200	to 188	to 210		İ
4898	Coarse	10"	9″	1"								*********				<del>-</del>	120 to 156	135 to 178	138 to 170	to.	147 to 179	165 to 200		170 to 210	10	175 to 215
	Coarse	11"	10"	1"				_	<b> </b> -				161	180		210			241			315	313	350	344	385
66S	Medium	9″	8*	4"									196	220	232	260	to 269	290	to 304	to 340,	344	to 385	10 380	to 425	10 420	to 470
6614S	Coarse	15"	14"	14"									***********						241 to 304	to	l to	315 to 385	to	to	to	to

## STYLE 'FC' FINE CRUSHING

DITLE	1.02	1" 1 1W K	unua	SULTINE CR														•
		FEED OPENING		Recom'nded Minimum	CAPACITY PER HOUR AT VARIOUS DISCHARGE OPENINGS (NOTE 2). Capacities are given in long tons (British) of 2,240 lbs. and short tons (American) of 2,000 lbs.													
Size of Gyrasphere	Type of Bowl	Open Side 'D' (Note 1)	Closed Side 'E	Discharge Opening T	\$**		<b>1</b> 4″		1."		8.7		1.		<b>1</b> "		3.7	
				(Note 3)	long tons	short tons	long tons	short tons	long tons	short tons	long tons	short tons	long tons	short tons	long tons	short tons	long tons	short tons
24FC	Coarse Medium Fine	217 117 117	11,7	4.	4 to 6	5 to 7	6 to 8	7 to 9	8 to 10	9 to 11	12 to . 13	13 to 15	16 to 20	18 to 22				
36EC	Coarse Medium Fine	3″ 2″ 17″	2" 11"	4". 4".			16 to 20	18 to 22	25 to 30	27 to 33	32 to 39	38 to 44	40 to 49	45 to 83	49 to 59	54 to 66	54 to 68	60 to 75
48FC	Coarse Medium Fine	4" 3" 3"	27° 13°	1"					40 to 49	45 10 65	60 to 73	67 to 82	80 to 98	90 to 110	100 to 122	112 to 137	120 to 147	138 to 165
66FC	Coarse Medium	5]** 4}*	4" 2}"	1"			<u> </u>				107 to 137	120 to .154	140 to 172	187 to 192	169 to 181	189 to 231	196 to 241	220 to 270

NOTE 1—The feed for these Crushers should pass through a clear square screen opening about  $\frac{1}{2}$ " smaller than the size of the maximum feed opening. The feed should contain a minimum of material smaller than the size of the discharge opening.

NOTE 2—All capacities are based on material weighing loose about 100 lbs. per cubic foot and having a specific gravity of 2.6. Wet, sticky material will tend to reduce the capacities especially at close discharge openings. On the Style 'S' Gyrasphere the capacities apply to open circuit crushing, i.e. one pass through the machine; on the Style 'FC' Gyrasphere they apply to closed circuit crushing, the quantities being the net tons per hour that pass through a clear square screen opening of the same size as the Gyrasphere closed side discharge opening. No crusher when set to a given discharge opening will make a product all of which will pass a screening opening of the same dimensions as the discharge opening; the amount of oversize will vary with the character of the rock or ore. For close discharge openings, undersize material should be removed from the feed to eliminate packing and excessive wear.

NOTE 3—The discharge openings shown are the recommended minimum settings. For finer openings, consult Pegson Limited.