Excerpt from Grömping (2013, Technometrics)

"A Note on Dominating Fractional Factorial Two-Level Designs With Clear Two-Factor Interactions"

Table 1: Numbers of even/odd designs, dominating designs and admissible graphs

	64 runs					128 runs				
factors	$N_{e/o}$	N_{dom}	$N_{adm.graph}$	r_{dom}	r_{adm}	$N_{e/o}$	N_{dom}	$N_{adm.graph}$	r_{dom}	r_{adm}
12	22	10	9	1	1	179	1	1	1	1
13	24	9	6	1	2	486	3	3	1	1
14	20	8	5	1	2	1.239	15	15	1	1
15	15	7	4	3	5	2.926	123	99	1	1
16	11	5	1	2	45	6.208	623	584	1	1
17	10	3	1	2	38	11.787	2.060	1.835	1	1
18						19.466	4.062	3.295	1	2
19						27.994	5.762	4.355	1	2
20						35.192	5.853	3.808	1	2
21						39.201	4.277	2.310	1	2
22						38.847	2.704	1.240	1	8
23						34.868	1.533	582	1	29
24						28.133	788	281	2	61
25						20.569	408	121	4	918
26						13.498	212	77	2	1.063
27						8.075	139	55	7	9
28						4.284	82	26	18	1.157
29						2.149	48	9	63	1.588
30						976	26	5	44	955
31						433	17	4	37	104
32						197	10	1	25	197
33						101	7	1	14	101

N count; e/o: even/odd designs; dom: dominating designs; adm.graph: admissible graphs
r: rank in terms of overall MA for the best dominating (r_{dom}) or the best admissible (r_{adm}) design
Note: for up to 25 factors, the rank is confirmed to refer to overall MA (subject to arbitrary sorting in case of ties in the WLP); for 26 and more factors, the even designs were not considered; it seems likely (but has not been checked) that there are no even designs among the first few thousand MA designs.