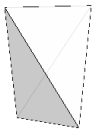
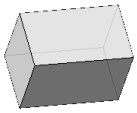
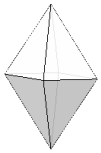
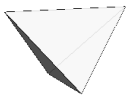
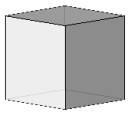
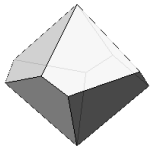
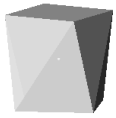
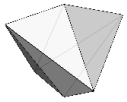
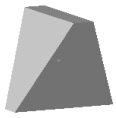
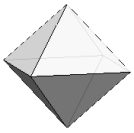
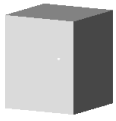
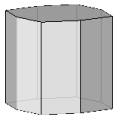
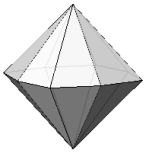
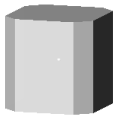
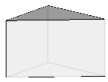
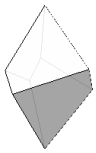
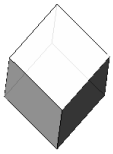
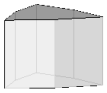
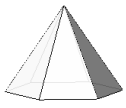
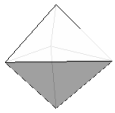
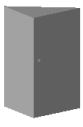
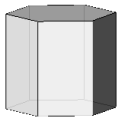
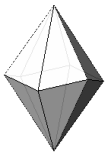
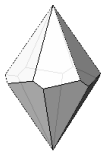
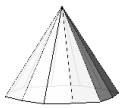
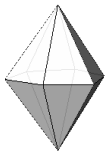
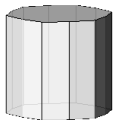
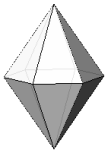
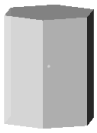
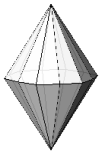
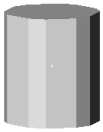
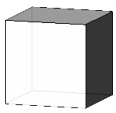
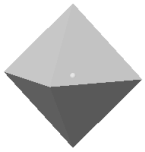
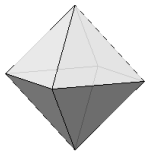
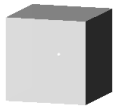
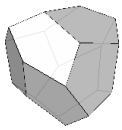
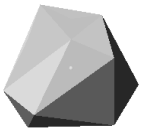
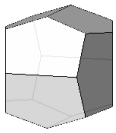
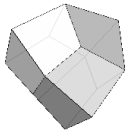
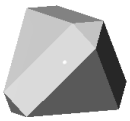
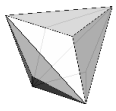
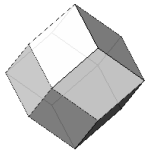
Crystal form and Point form

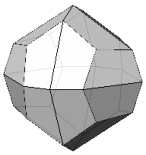
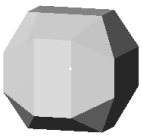
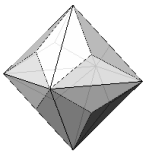
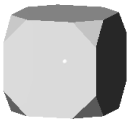
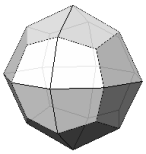
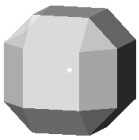
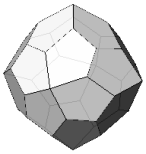
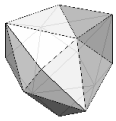
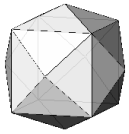
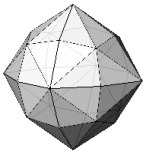
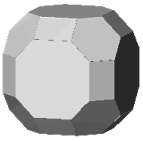
No.	number of faces or points	eigensymmetry (crystal form)	generating point group of basic general form (point form)
1	1	∞m	1
2	2	∞/mm	$\bar{1}$
3	2	$mm2$	2, m
4	4	222 	222
5	4	$mm2$	$mm2$
6	4	mmm 	$2/m$
7	8	mmm 	mmm

No.	number of faces or points	eigensymmetry (crystal form)	generating point group of basic general form (point form)
8	4	$4mm$	4
9	4	$\bar{4}2m$ 	$\bar{4}$
10	4	$4/mmm$ 	
11	8	422 	422 
12	8	$4mm$	$4mm$
13	8	$\bar{4}2m$ 	$\bar{4}2m$ 
14	8	$4/mmm$ 	$4/m$ 
15	8	$4/mmm$ 	
16	16	$4/mmm$ 	$4/mmm$ 

No.	number of faces or points	eigensymmetry (crystal form)	generating point group of basic general form (point form)
17	3	$3m$	3
18	3	$\bar{6}m2$ 	
19	6	32 	32
20	6	$3m$	$3m$
21	6	$\bar{3}m$ 	$\bar{3}$
22	6	$\bar{6}m2$ 	
23	6	$6mm$ 	6
24	6	$\bar{6}m2$ 	$\bar{6}$ 
25	6	$6/mmm$ 	

No.	number of faces or points	eigensymmetry (crystal form)	generating point group of basic general form (point form)
26	12	$\bar{3}m$ 	$\bar{3}m$
27	12	622 	622
28	12	$6mm$ 	$6mm$
29	12	$\bar{6}m2$ 	$\bar{6}m2$
30	12	$6/mmm$ 	
31	12	$6/mmm$ 	$6/m$ 
32	24	$6/mmm$ 	$6/mmm$ 

No.	number of faces or points	eigensymmetry (crystal form)	generating point group of basic general form (point form)
33	4	$\bar{4}3m$	
34	6	$m\bar{3}m$	
			
35	8	$m\bar{3}m$	
			
36	12	23	23
			
37	12	$m\bar{3}$	
			
38	12	$\bar{4}3m$	
			
39	12	$\bar{4}3m$	
			
40	12	$m\bar{3}m$	
			

No.	number of faces or points	eigensymmetry (crystal form)	generating point group of basic general form (point form)
41	24	$m\bar{3}$ 	$m\bar{3}$ 
42	24	$m\bar{3}m$ 	
43	24	$m\bar{3}m$ 	
44	24	432 	432
45	24	$\bar{4}3m$ 	$\bar{4}3m$
46	24	$m\bar{3}m$ 	
47	48	$m\bar{3}m$ 	$m\bar{3}m$