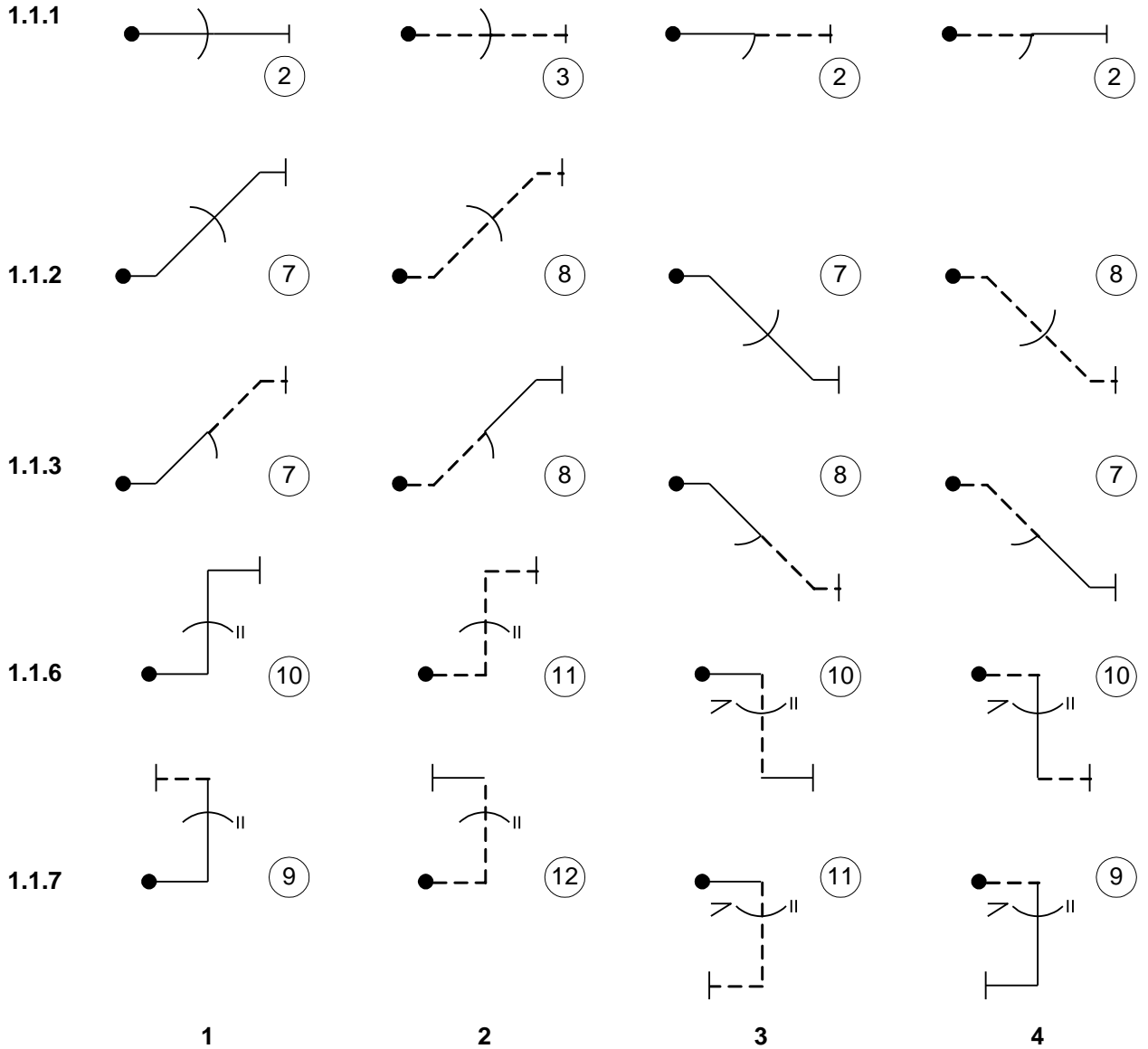
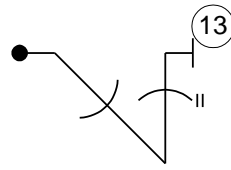
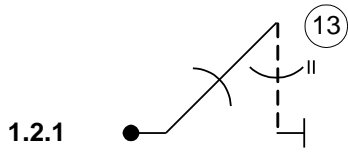


**СПИСОК ФИГУР ДЛЯ СОСТАВЛЕНИЯ НЕИЗВЕСТНЫХ КОМПЛЕКСОВ
ПСВП КЛАСС С ОГРАНИЧЕНИЯМИ.**

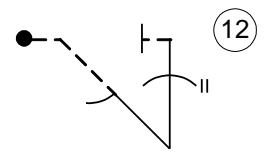
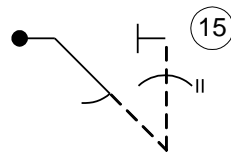
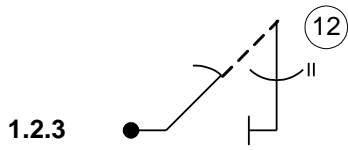
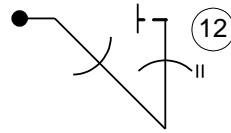
1. ЛИНИИ И УГЛЫ



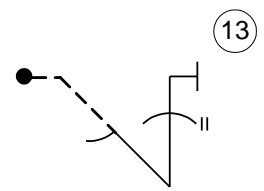
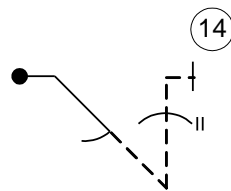
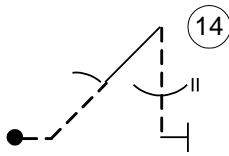
1.



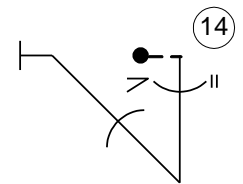
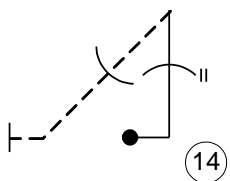
1.2.2



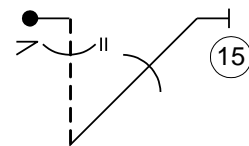
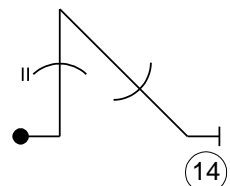
1.2.4



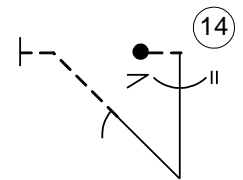
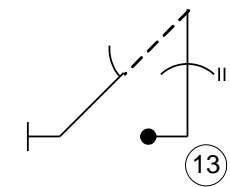
1.2.5



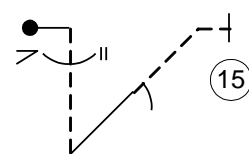
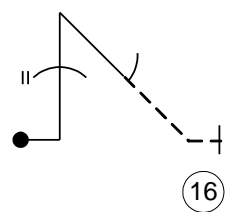
1.2.6



1.2.7



1.2.8



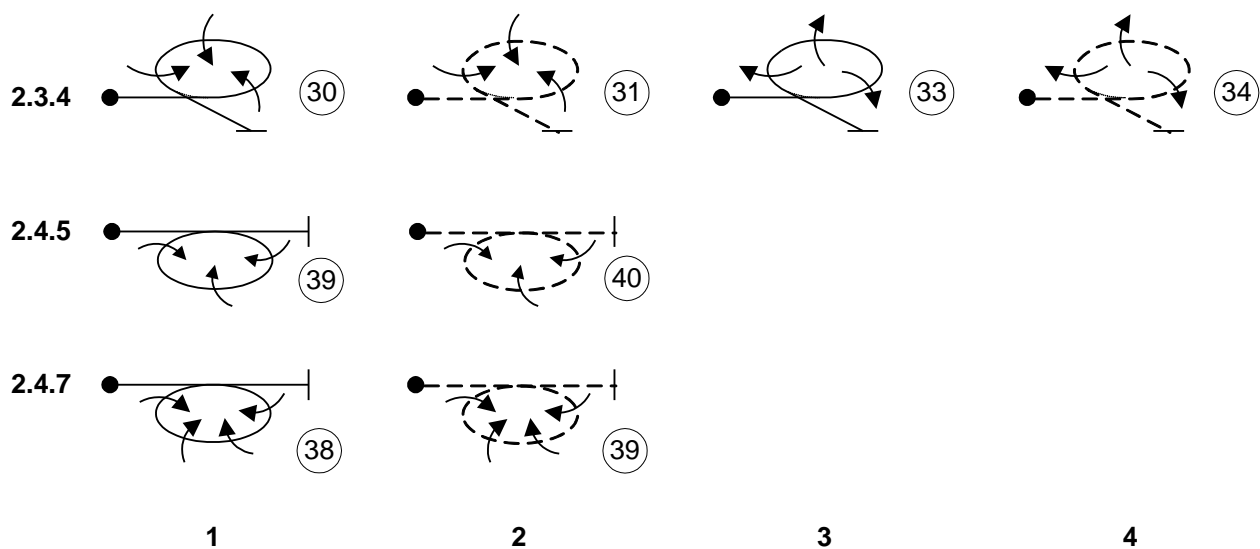
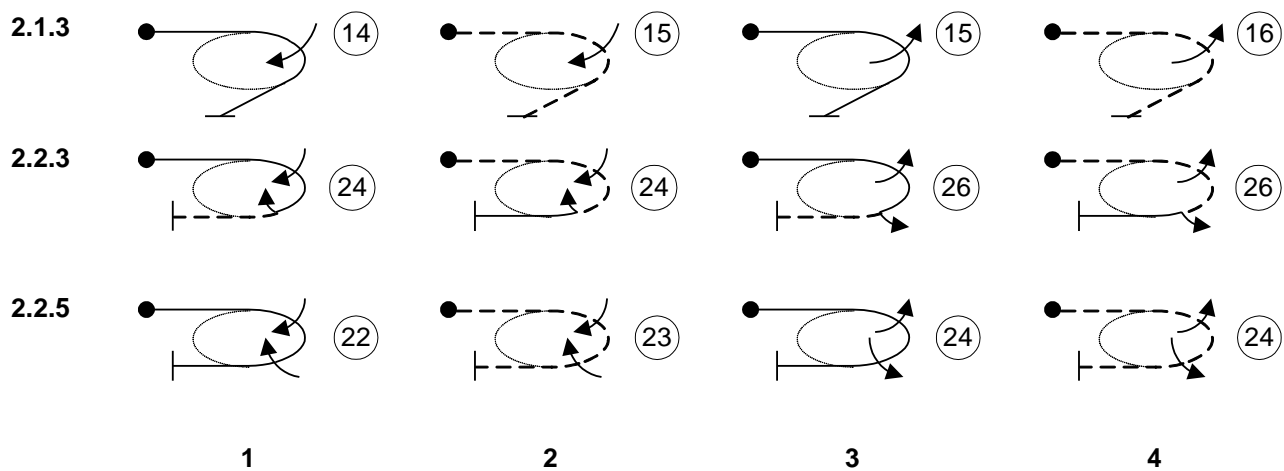
1

2

3

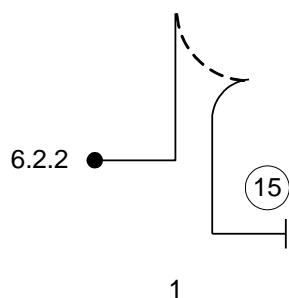
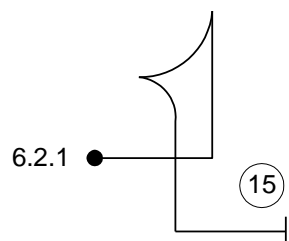
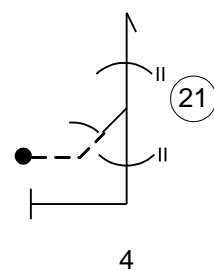
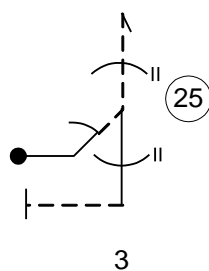
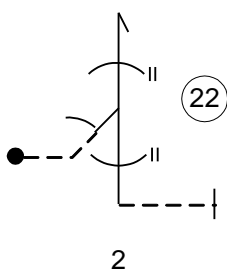
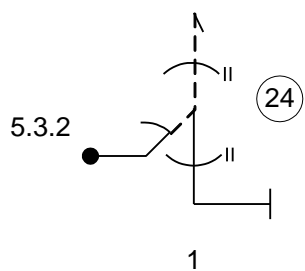
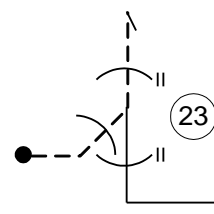
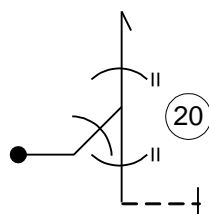
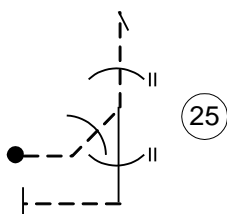
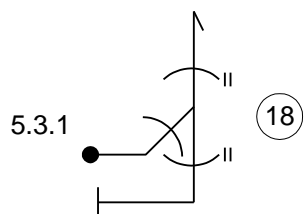
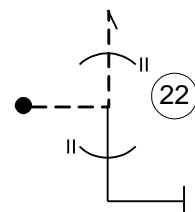
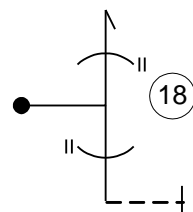
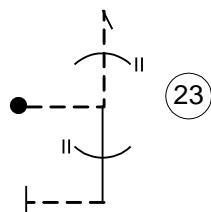
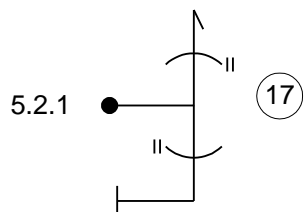
4

2. ВИРАЖИ И ВИРАЖИ С БОЧКАМИ



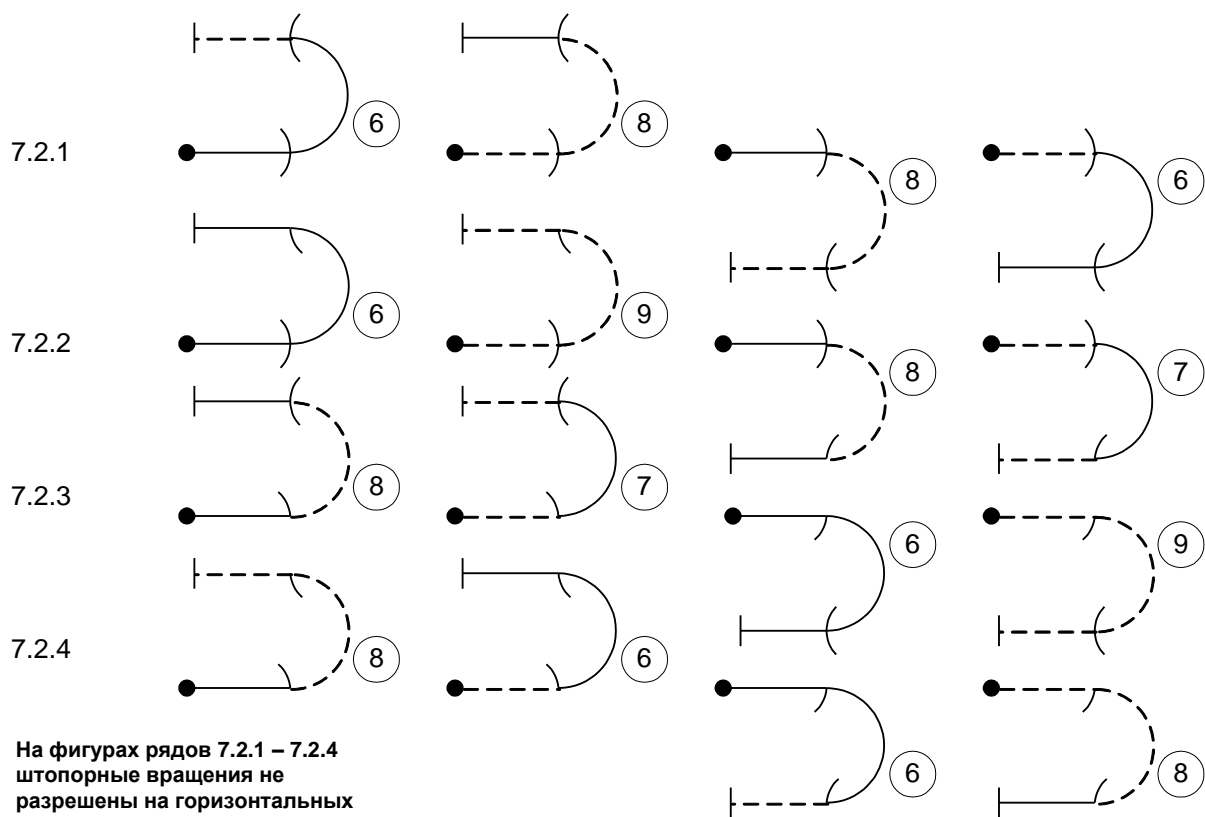
2.

5. ПОВОРОТЫ НА ВЕРТИКАЛИ

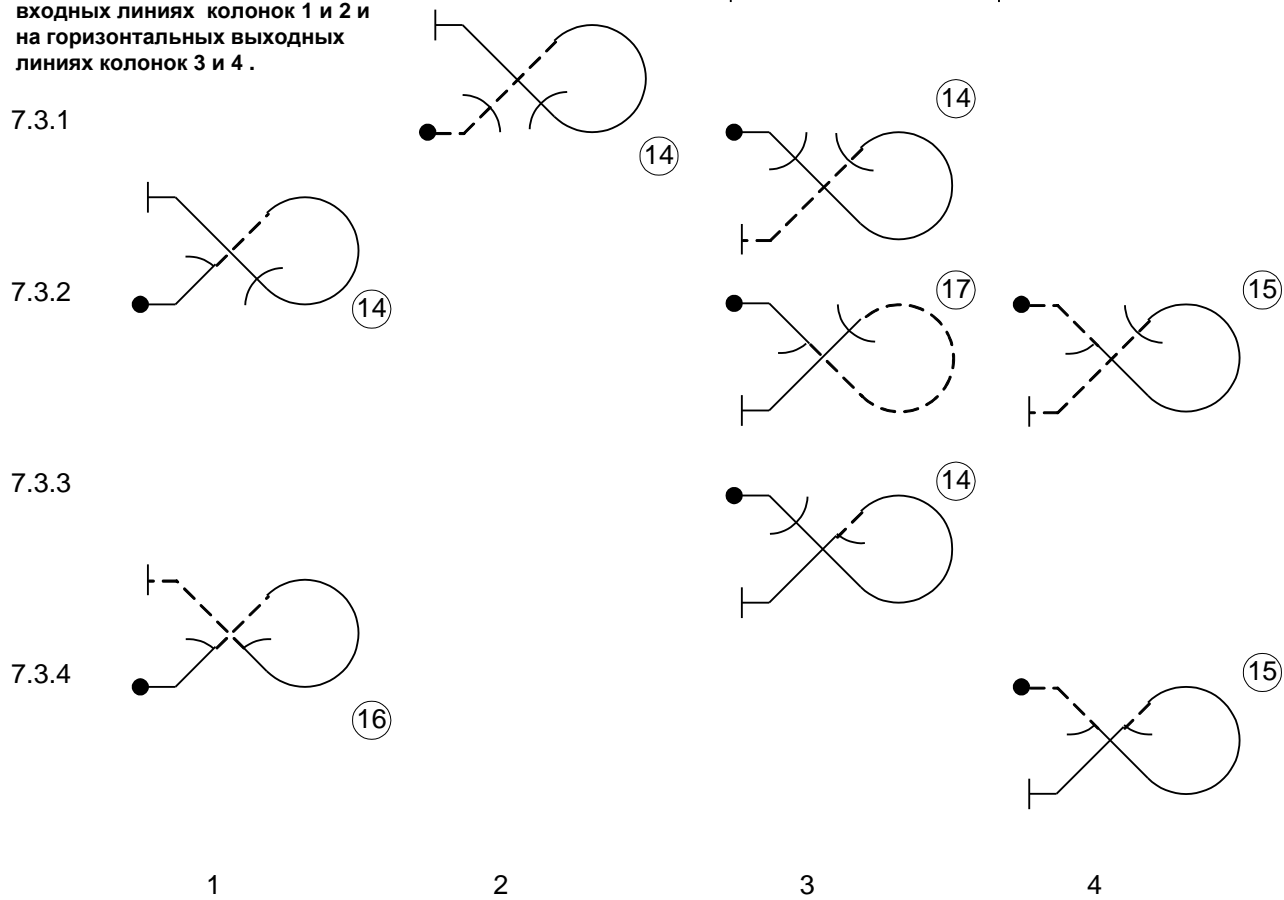


Не разрешены вращения на восходящих или нисходящих вертикальных линиях фигур 6.2.1. и 6.2.2.

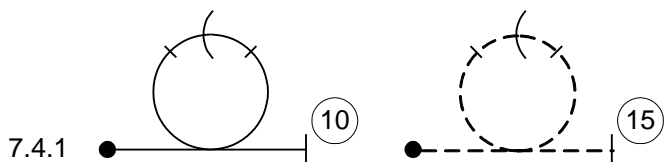
7. ПЕТЛИ И ВОСЬМЕРКИ



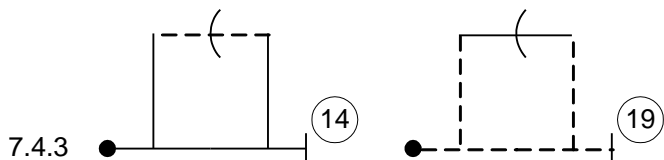
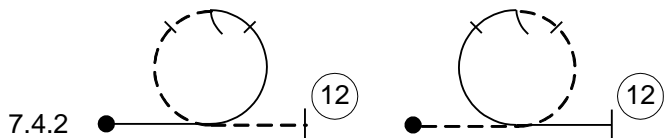
На фигурах рядов 7.2.1 – 7.2.4 штопорные вращения не разрешены на горизонтальных входных линиях колонок 1 и 2 и на горизонтальных выходных линиях колонок 3 и 4.



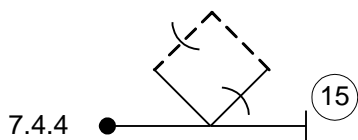
7.



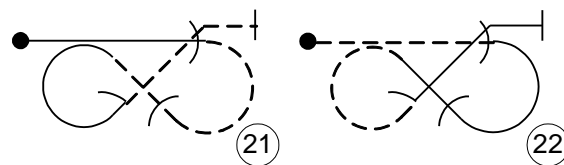
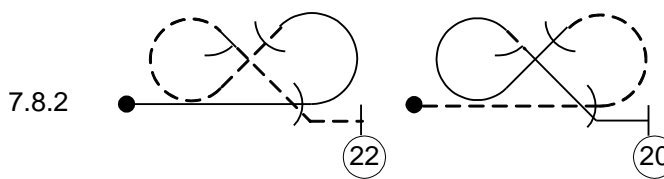
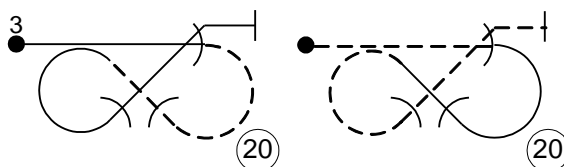
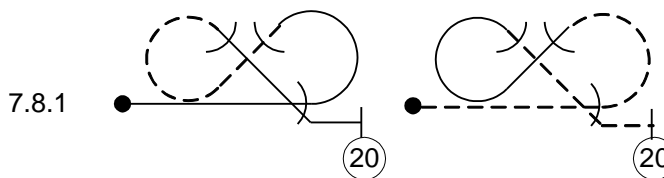
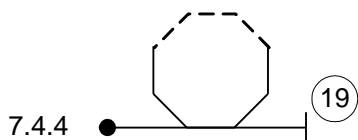
Фигура 7.4.1.2 разрешена без вращения или с вращением 9.1.3.4



Противоположные и несвязанные вращения не разрешены на фигурах 7.4.3.1 и 7.4.3.2



Штопорные вращения не разрешены на нижней линии фигуры 7.4.4.1



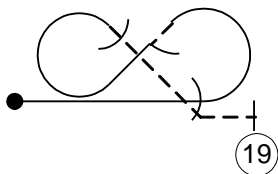
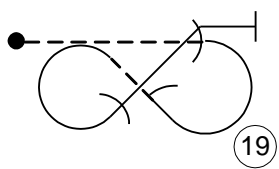
1

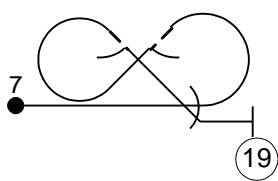
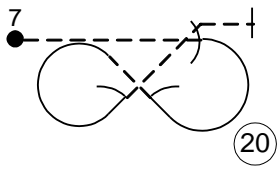
2

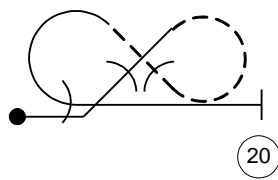
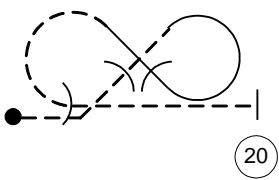
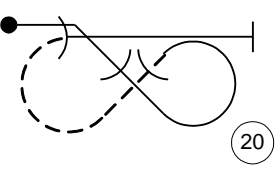
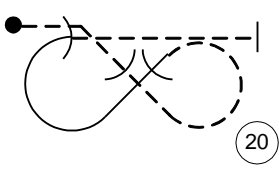
3

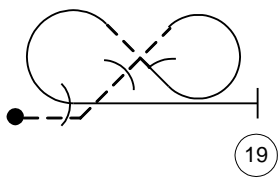
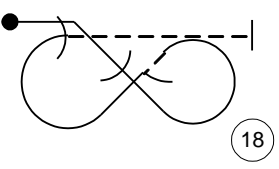
4

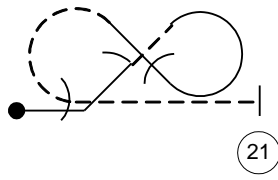
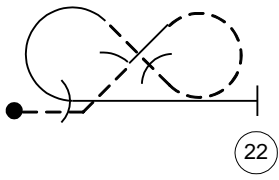
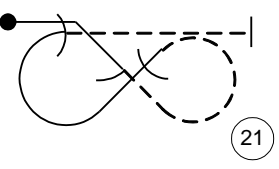
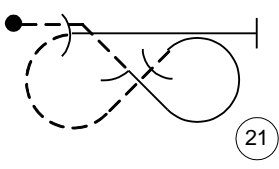
7.

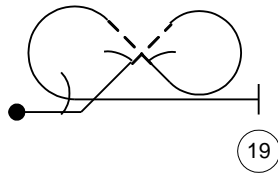
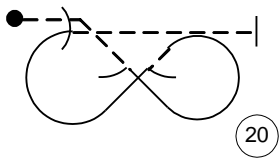
7.8.3  

7.8.4  

7.8.5    

7.8.6  

7.8.7    

7.8.8  

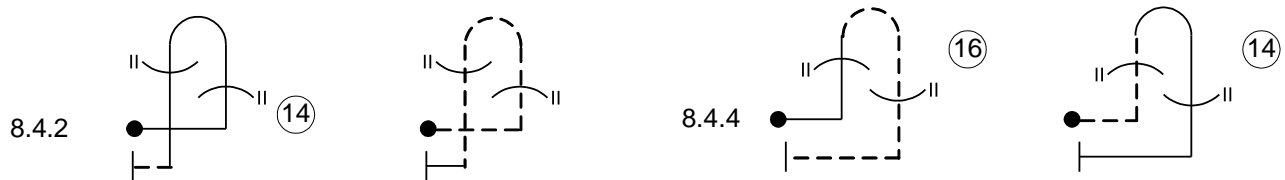
1

2

3

4

8. КОМБИНАЦИИ ЛИНИЙ, УГЛОВ И ПЕТЕЛЬ

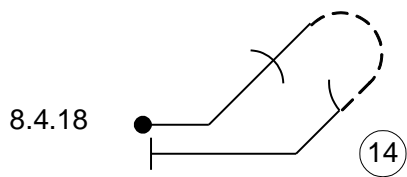
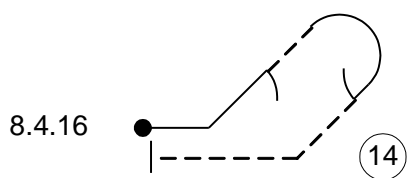
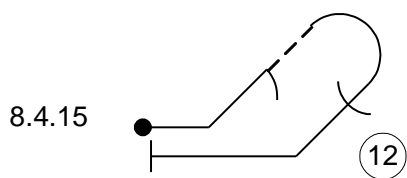
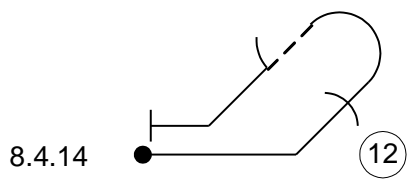
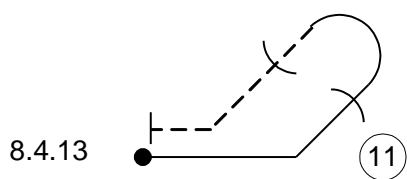


1

2

1

2



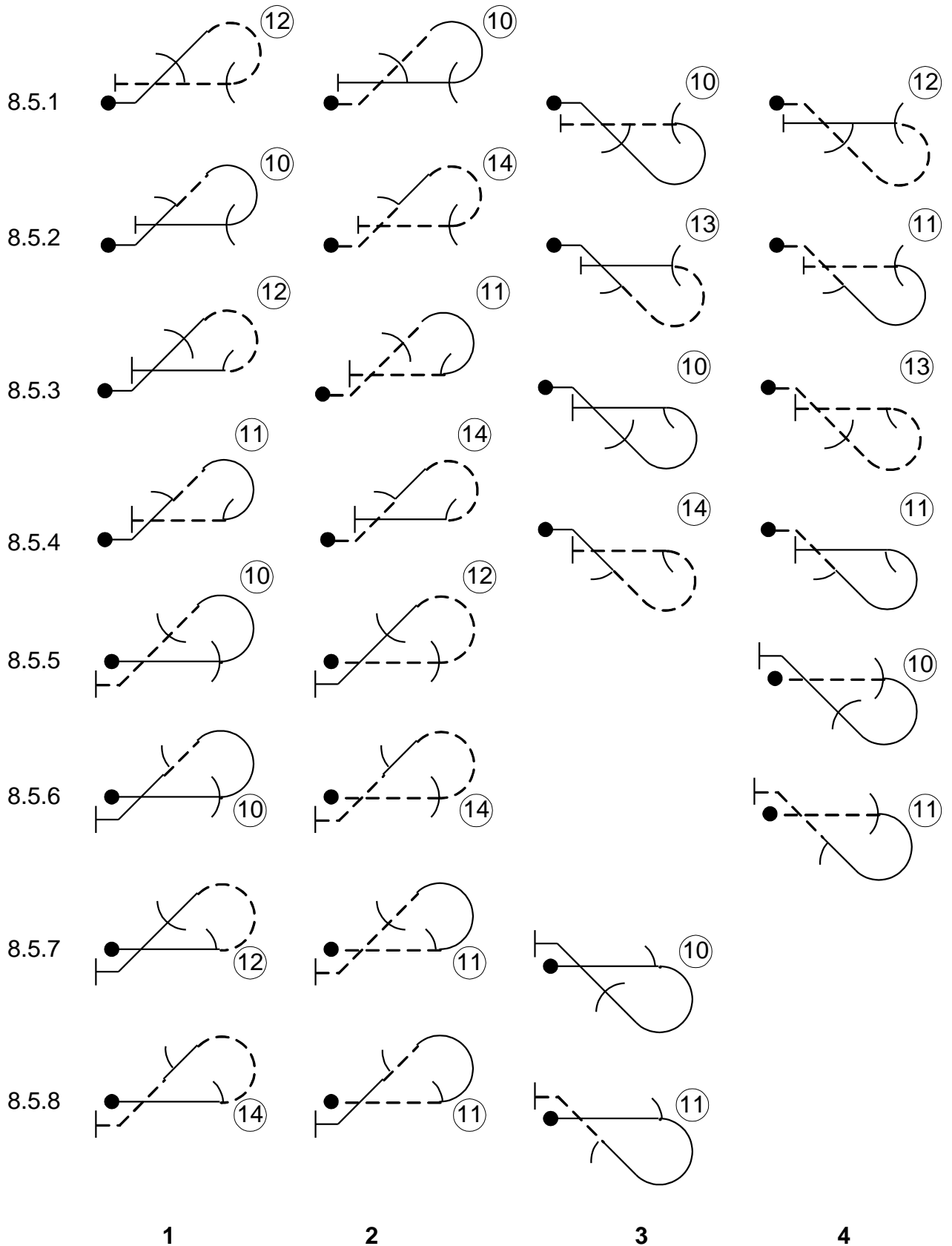
1

2

3

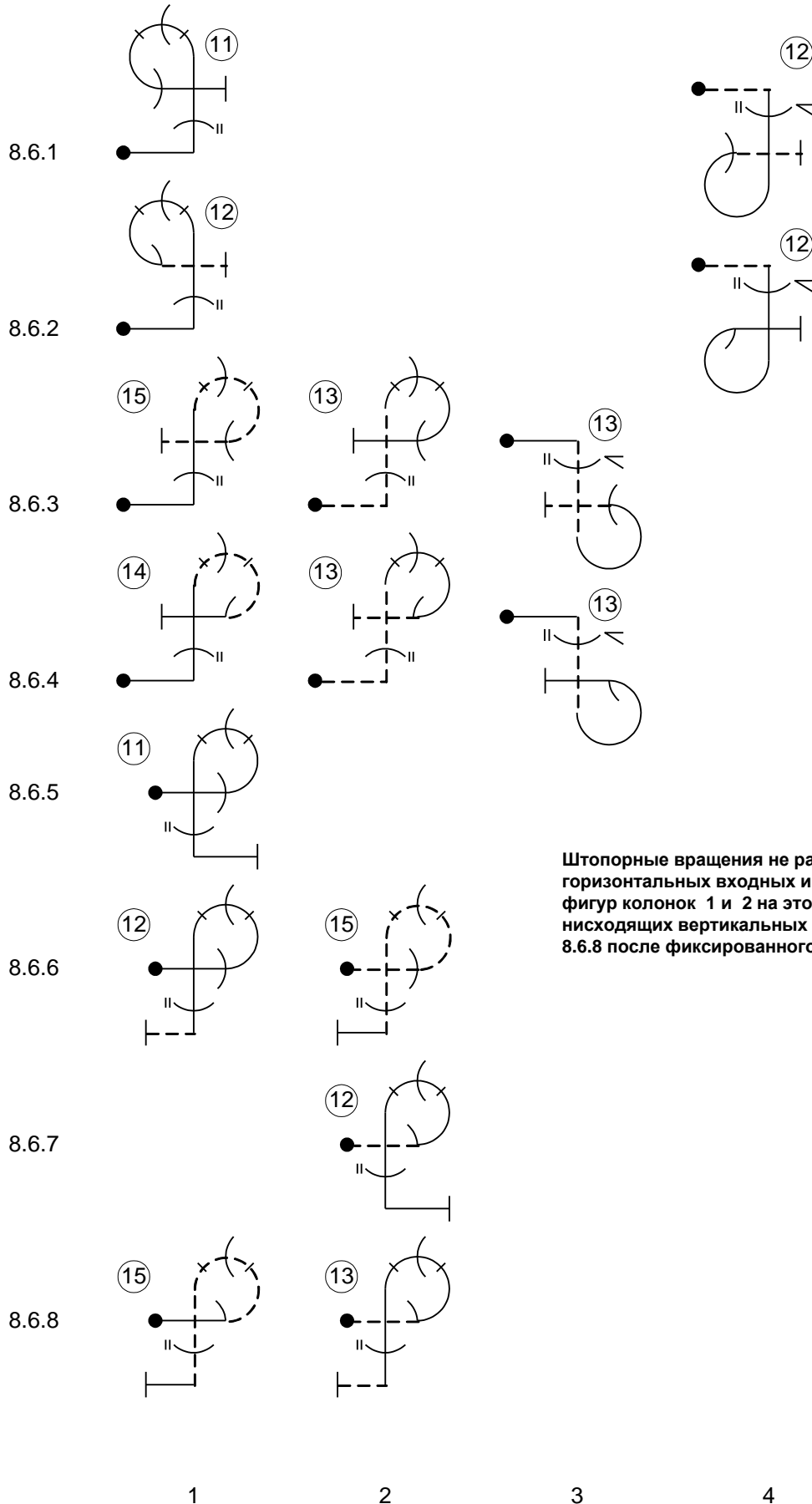
4

8.



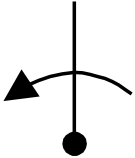
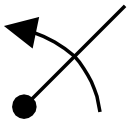
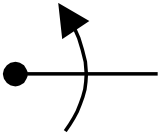

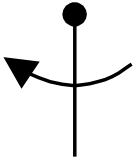
Штопорные вращения не разрешены на горизонтальных входных и выходных линиях фигур колонок 1 и 2 Рядов 8.5.1 – 8.5.8.

8.



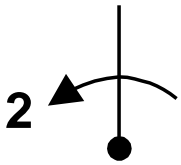
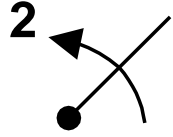
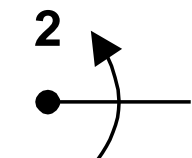
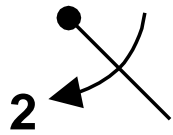
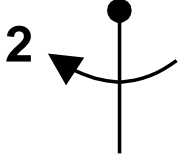
Штопорные вращения не разрешены на горизонтальных входных и выходных линиях фигур колонок 1 и 2 на этой странице и на нисходящих вертикальных линиях фигур 8.6.5 – 8.6.8 после фиксированного вращения на петле.

9.1 УПРАВЛЯЕМЫЕ ВРАЩЕНИЯ

9.1		1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
1		6	8	10					
2			6		10				
3		2	4	6	8		10		12
4			4		8				
5		2	4	6					
		1	2	3	4	5	6	7	8

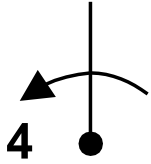
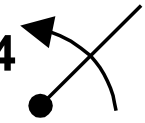
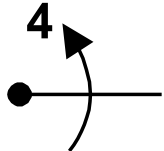
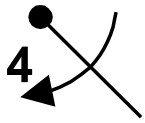
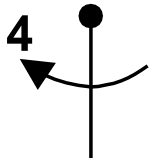
После 9.1.5.3, 9.1.5.4 вывод с вертикали только с положительной перегрузкой.

9.2 ВРАЩЕНИЯ, ФИКСИРОВАННЫЕ ЧЕРЕЗ 180°

9.2					1	1 1/2		2	
1									
2					11				
3					9	12		15	
4					9				
5									
		1	2	3	4	5	6	7	8

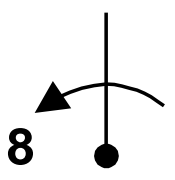
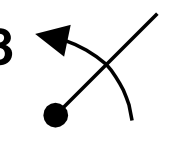
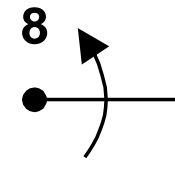
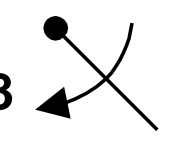
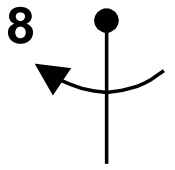
После 9.2.5.4 вывод с вертикали только с положительной перегрузкой.

9.4 ВРАЩЕНИЯ, ФИКСИРОВАННЫЕ ЧЕРЕЗ 90°

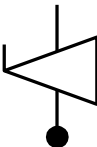
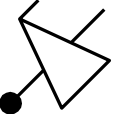


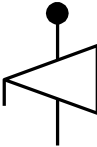
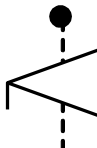
9.4			1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
1			9						
2			7		13				
3			5	8	11				
4			5						
5			5						
		1	2	3	4	5	6	7	8

После 9.4.5.2 вывод с вертикали только с положительной перегрузкой.

9.2 ВРАЩЕНИЯ, ФИКСИРОВАННЫЕ ЧЕРЕЗ 45°

9.8		1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
1		7							
2			9						
3		3	7		15				
4									
5		3							
		1	2	3	4	5	6	7	8

9.9 ПОЛОЖИТЕЛЬНЫЕ ШТОПОРНЫЕ ВРАЩЕНИЯ

9.9			1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
1									
2			13		13				
3			11		11		14		
4			11		11				
5			11	11					
10			13						
		1	2	3	4	5	6	7	8

9.11 ПРЯМЫЕ ШТОПОРА

<p>9.11</p>								
				1	1 1/4	1 1/2	1 3/4	2
1		Ввод с прямого полета		5	4	3		
				4	5	6	7	8

9.11 ОБРАТНЫЕ ШТОПОРА

<p>9.12</p>								
				1	1 1/4	1 1/2	1 3/4	2
1		Ввод с обратного полета		7	6	5		
				4	5	6	7	8