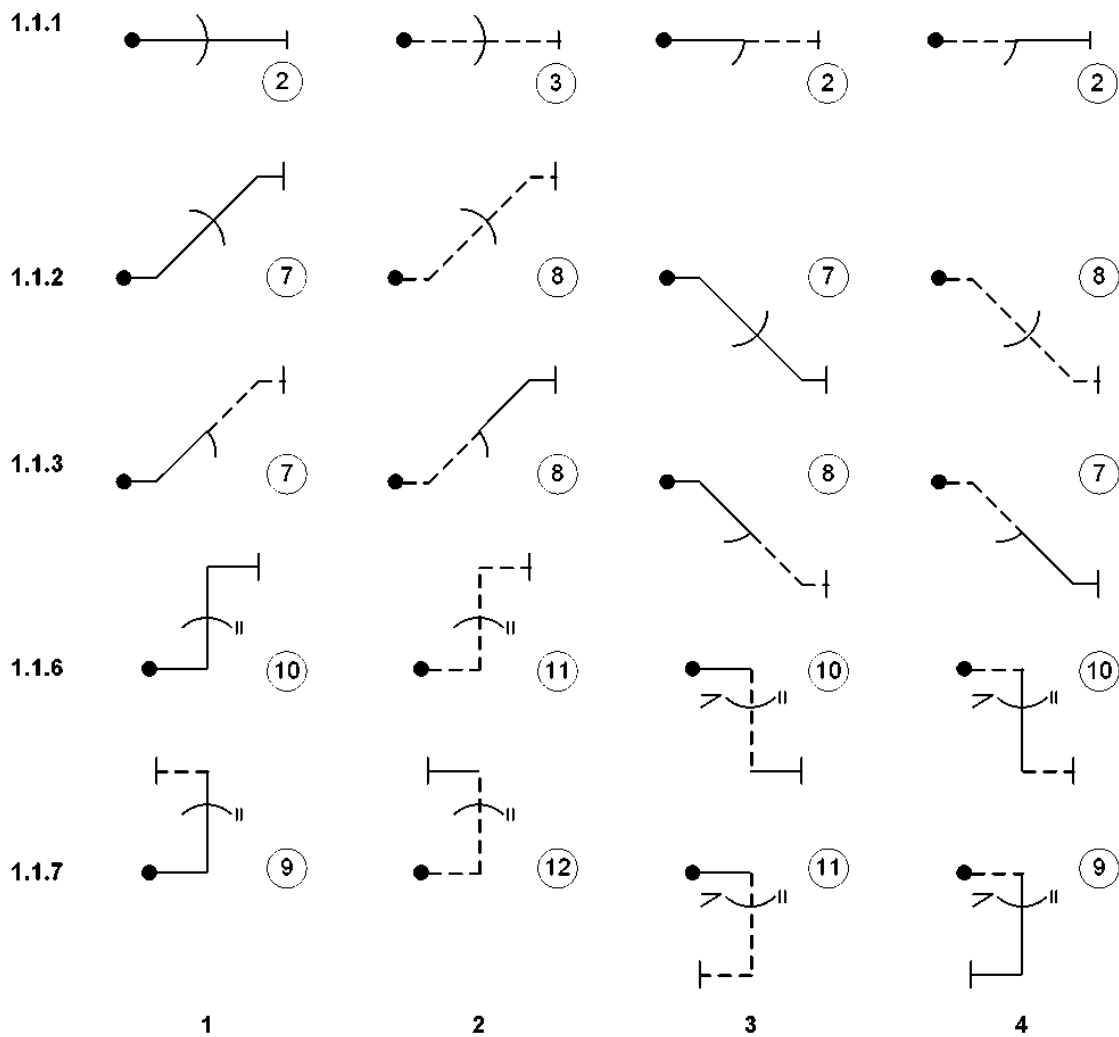
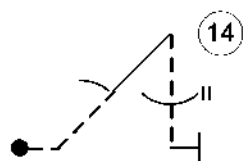
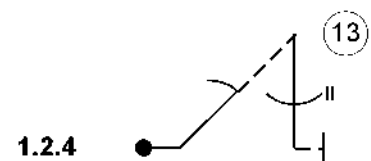
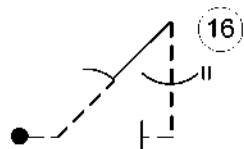
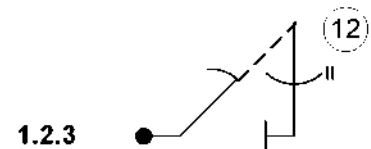
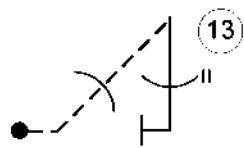
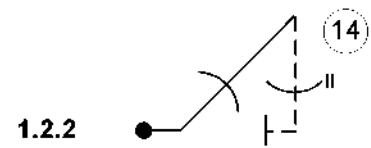
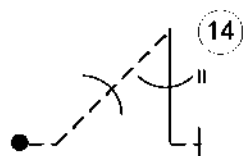
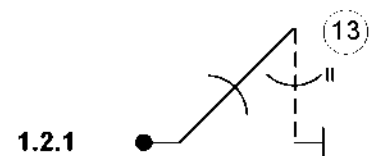
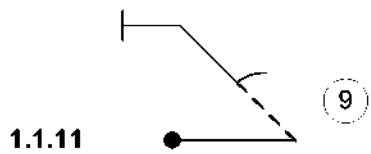
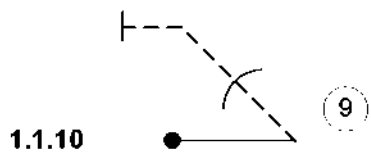


СПИСОК ФІГУР ДЛЯ СКЛАДАННЯ НЕВІДОМИХ КОМПЛЕКСІВ «КЛАС НЕОБМЕЖЕНИЙ - UNLIMITED»

1. ЛІНІІ ТА КУТИ



1.

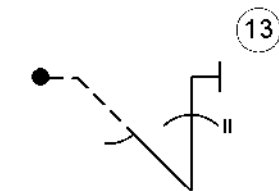
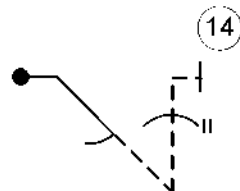
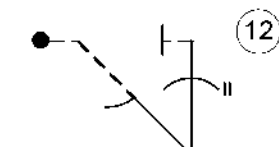
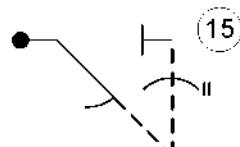
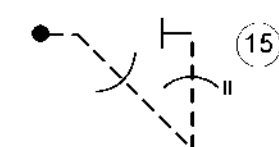
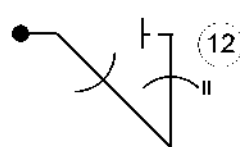
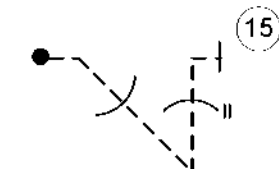
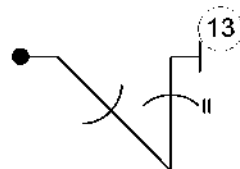
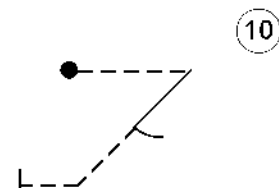
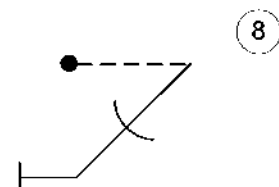


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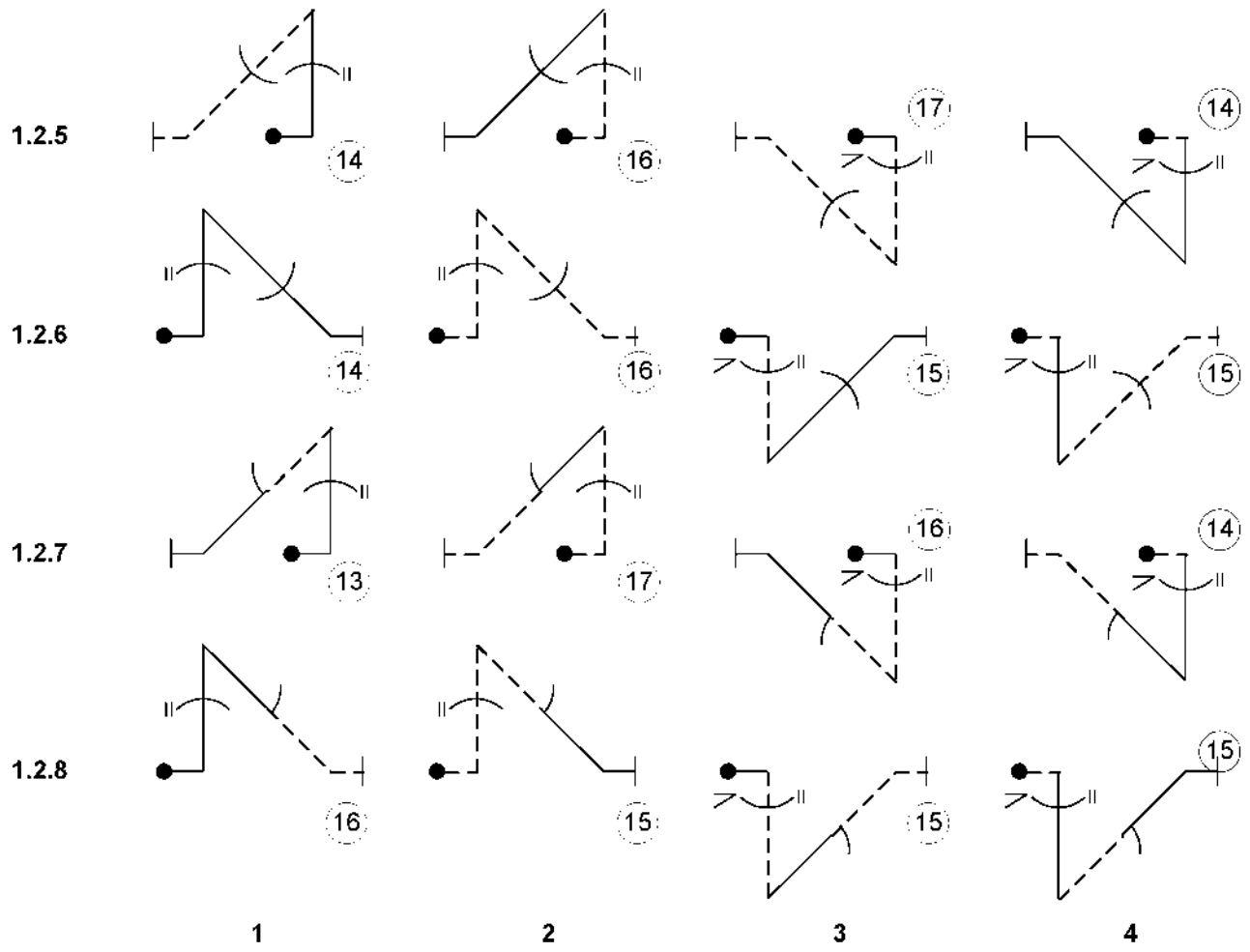
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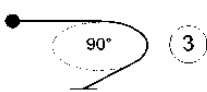
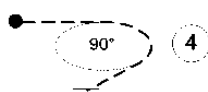

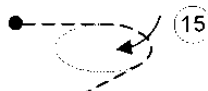


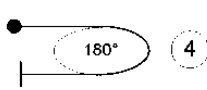
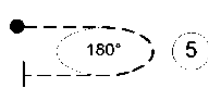






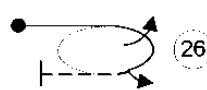

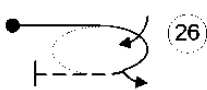

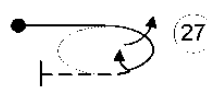
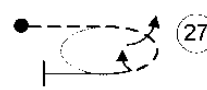
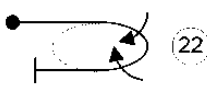

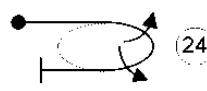

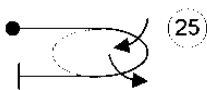
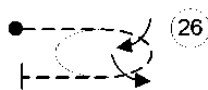
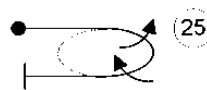
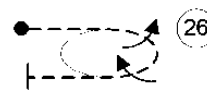
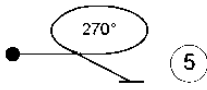
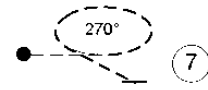








4



1.

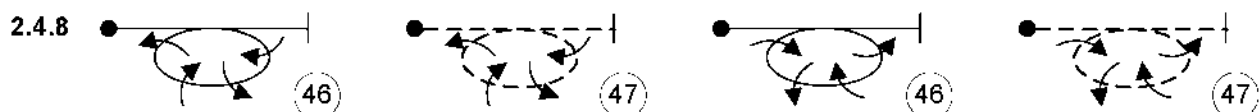
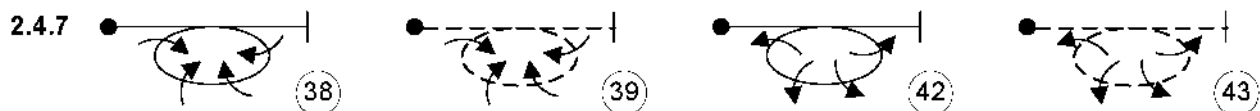
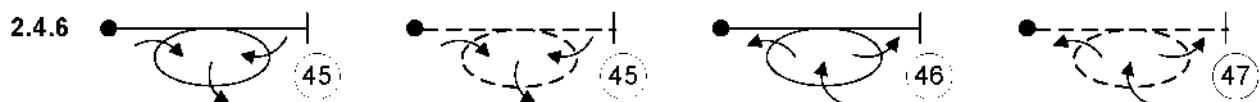
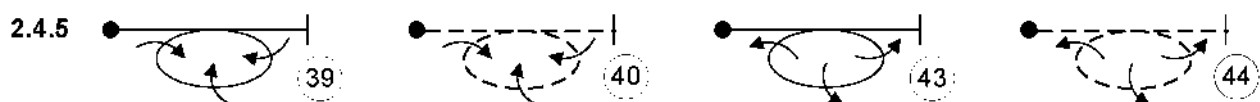
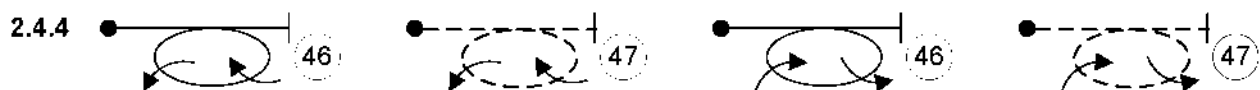
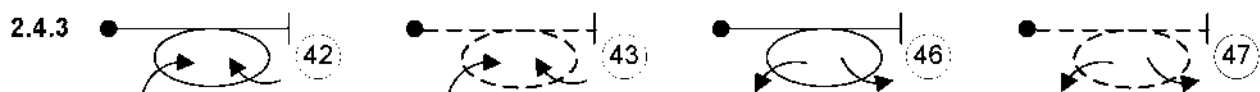
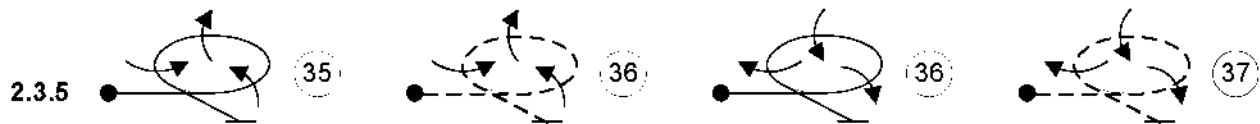
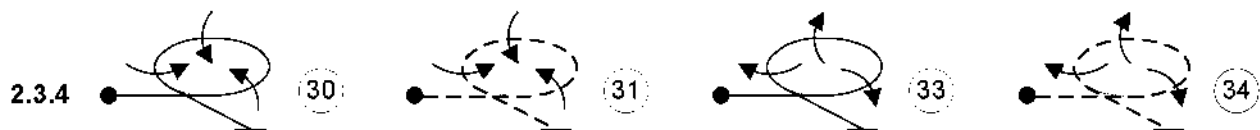
*Клас необмежений*

2. ВІРАЖІ ТА ВІРАЖІ З БОЧКАМИ

2.1.1				
2.1.3				
2.2.1				
2.2.2				
2.2.3				
2.2.4				
2.2.5				
2.2.6				
2.3.1				
2.3.2				
2.3.3				
	1	2	3	4

Клас необмежений

2.



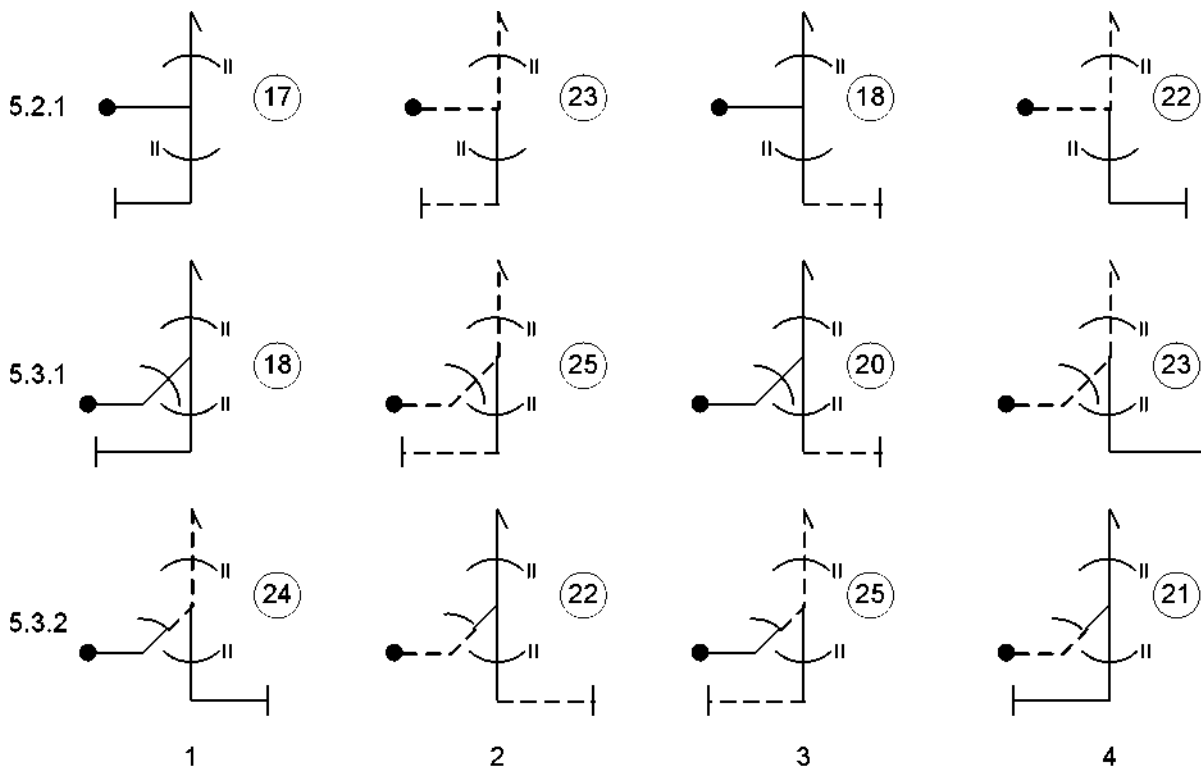
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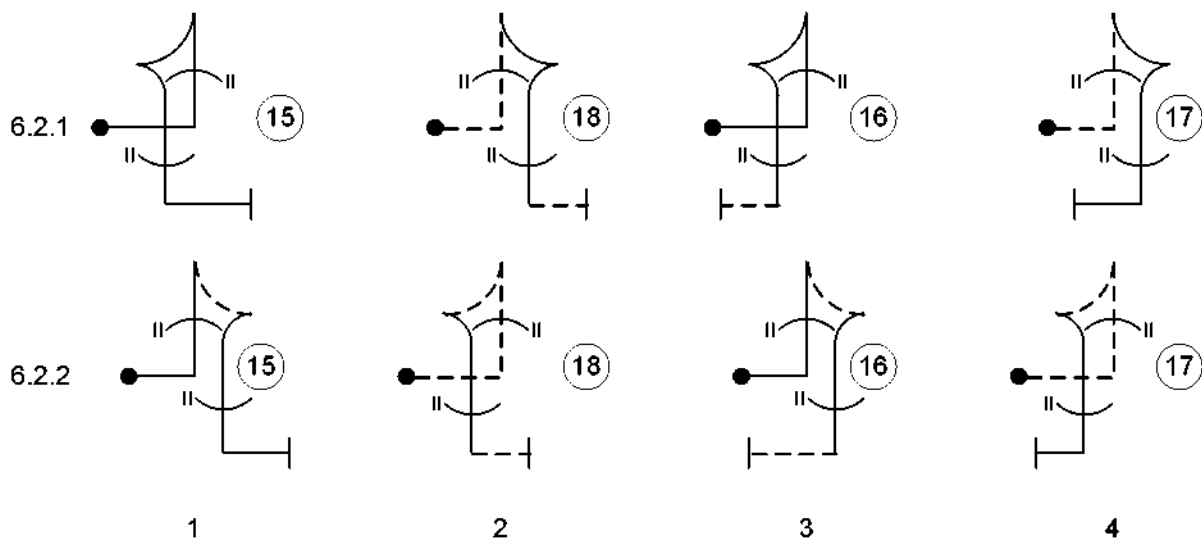
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4

5. ПОВОРОТИ НА ВЕРТИКАЛІ

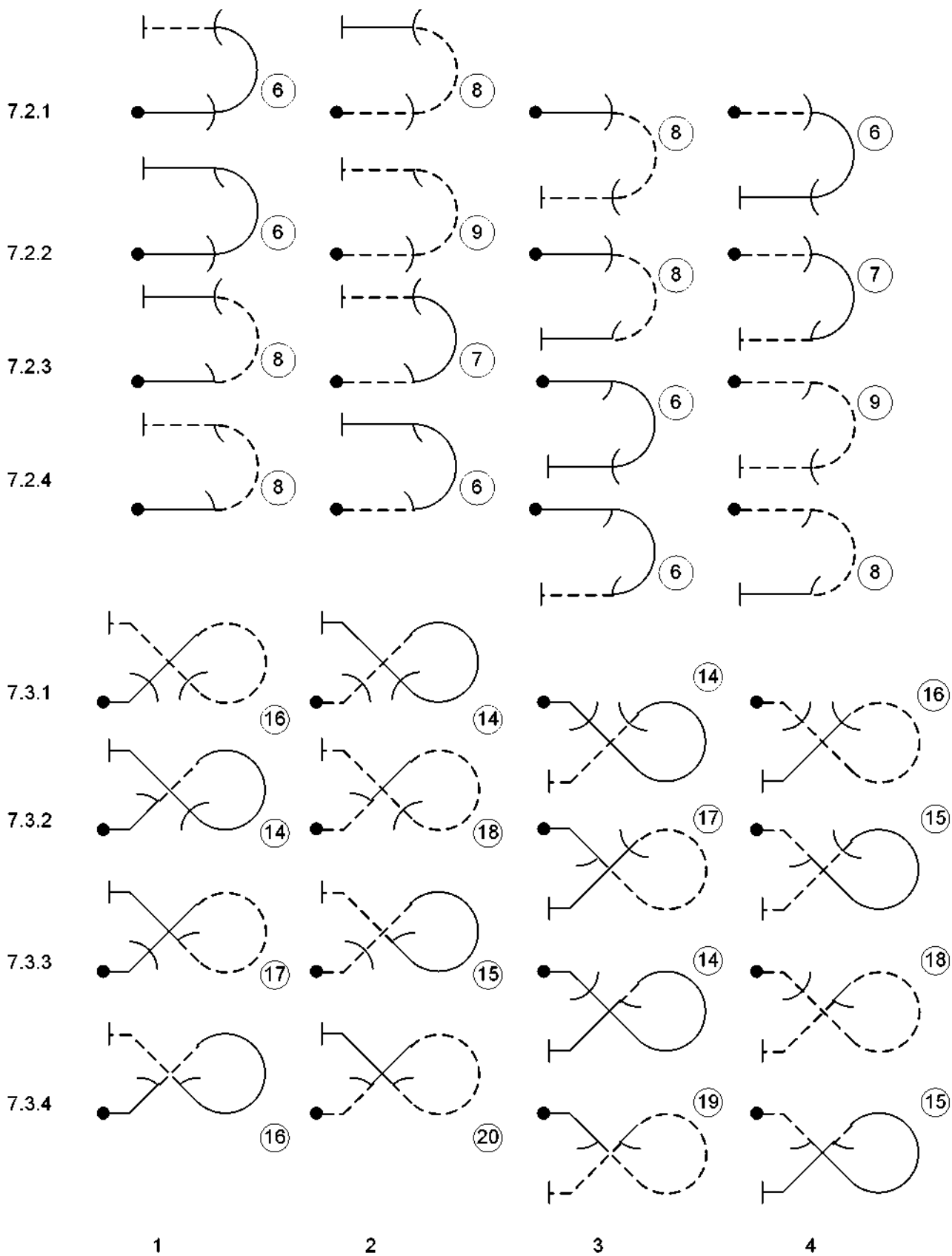


6. КОЛОКОЛА



Клас необмежений

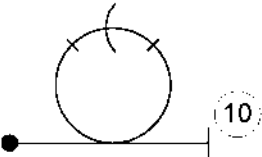
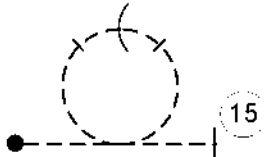
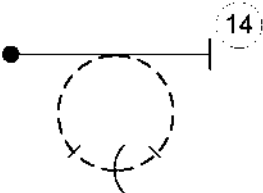
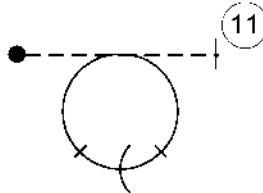
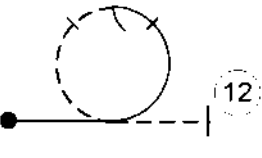
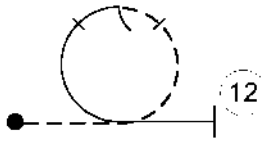
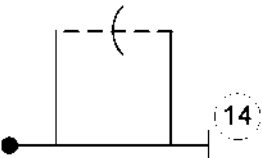
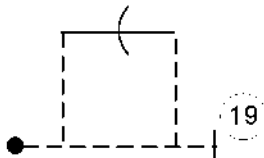
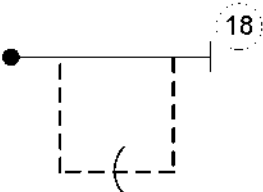
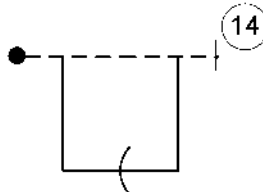
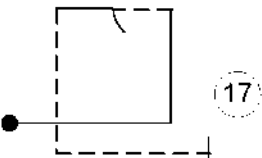
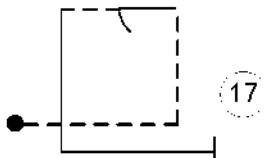
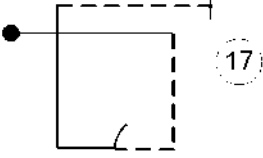
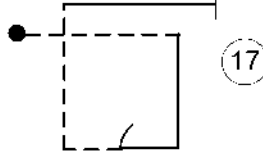
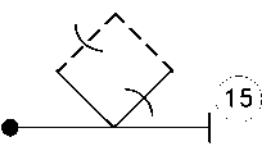

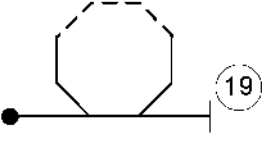
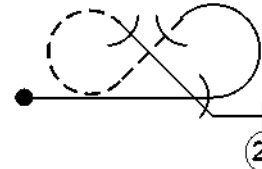
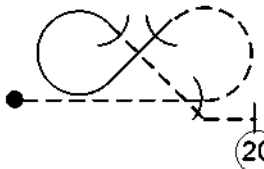
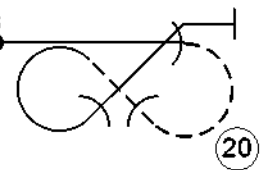
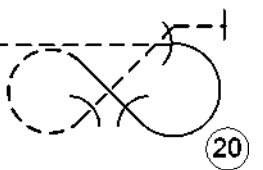
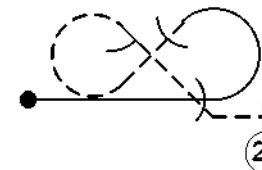
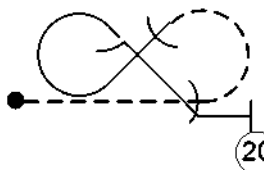
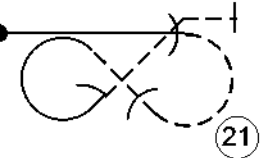
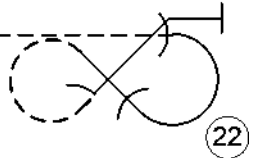
7. ПЕТЛІ ТА ВІСІМКИ



На фігурах рядів 7.2.1 - 7.2.4 шторпні обертання Дозволені на горизонтальних вхідних лініях колонок 1 і 2 та на горизонтальних вихідних лініях колонок 3 і 4.

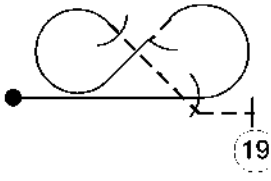
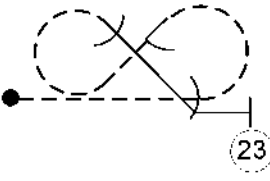
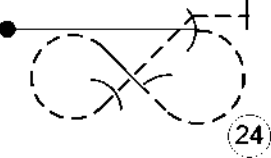
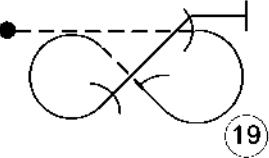
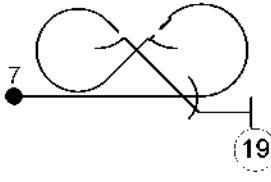
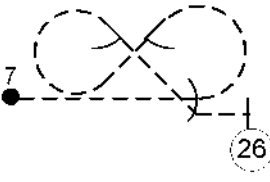
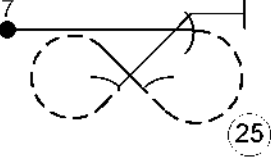
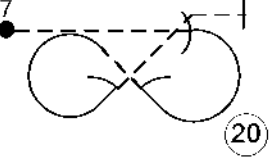
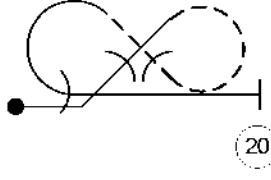
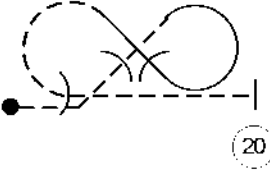
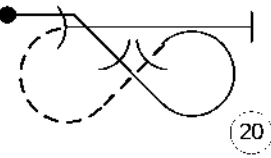
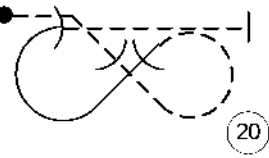
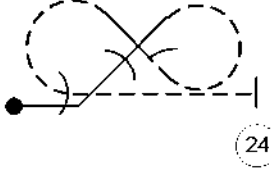
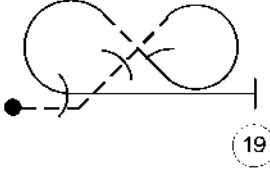
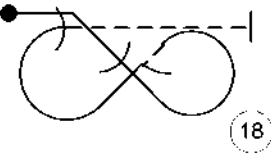
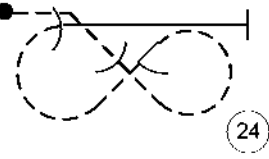
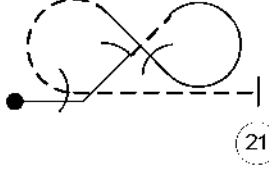
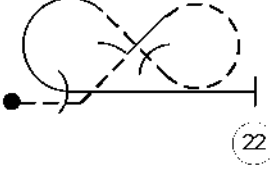
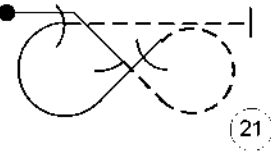
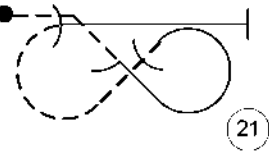
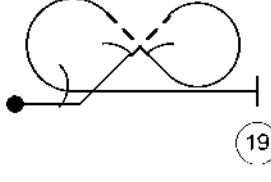
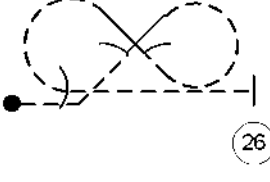
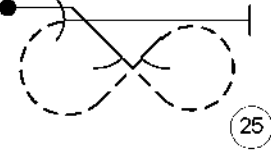
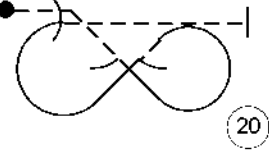
Клас необмежений

7.

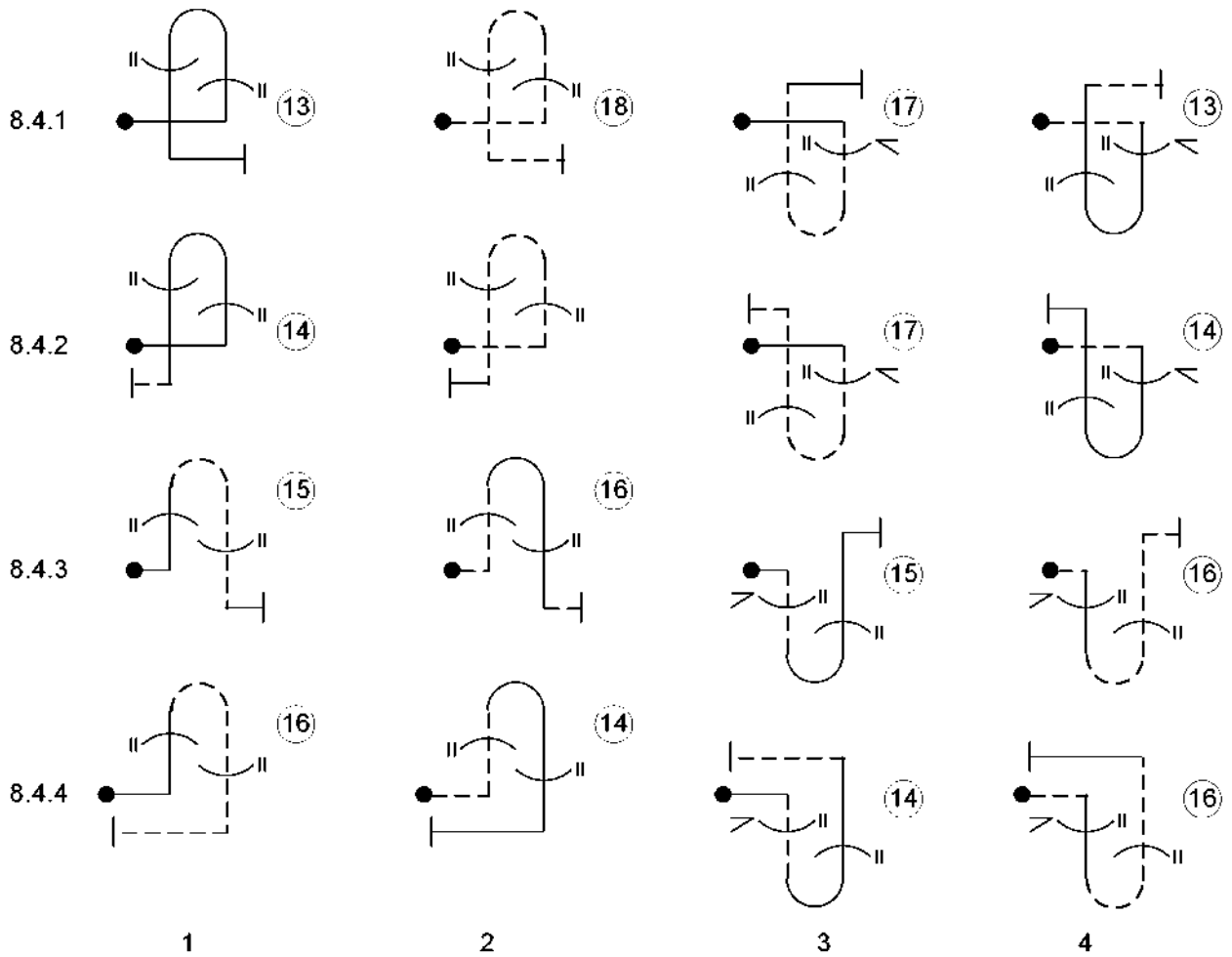
7.4.1				
7.4.2				
7.4.3				
7.4.4				
7.4.4				
7.4.4				
7.8.1				
7.8.2				

Штопорні обертання Дозволені на фігурах рядів 7.4.1 - 7.4.4 в колонках 3 і 4 і на нижніх лініях фігур ряду 7.4.5.

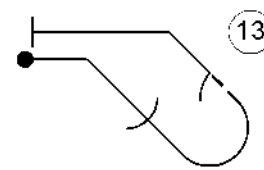
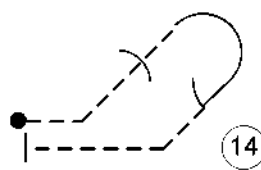
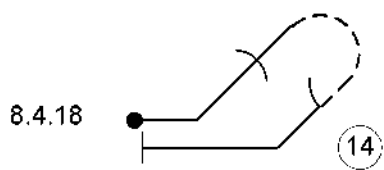
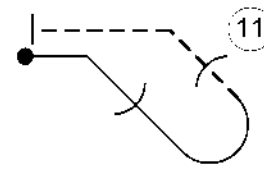
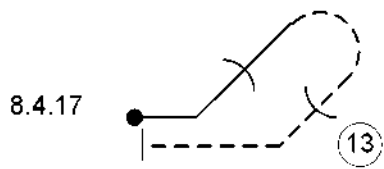
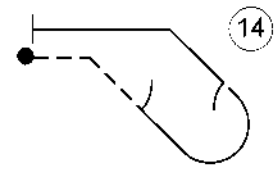
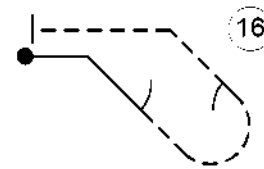
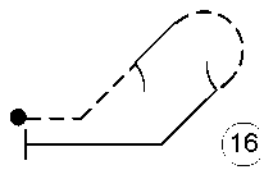
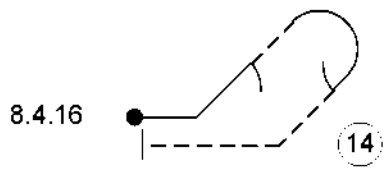
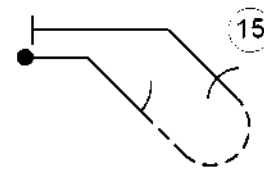
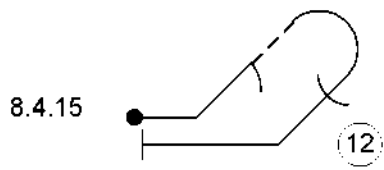
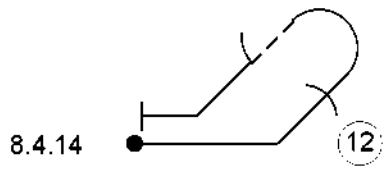
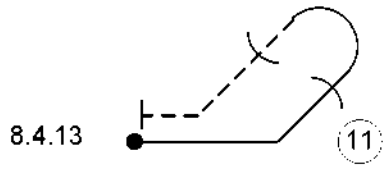
7.

7.8.3				
	(19)	(23)	(24)	(19)
7.8.4				
	(19)	(26)	(25)	(20)
7.8.5				
	(20)	(20)	(20)	(20)
7.8.6				
	(24)	(19)	(18)	(24)
7.8.7				
	(21)	(22)	(21)	(21)
7.8.8				
	(19)	(26)	(25)	(20)
	1	2	3	4

8. КОМБІНАЦІЇ ЛІНІЙ, КУТІВ І ПЕТЕЛЬ



8.



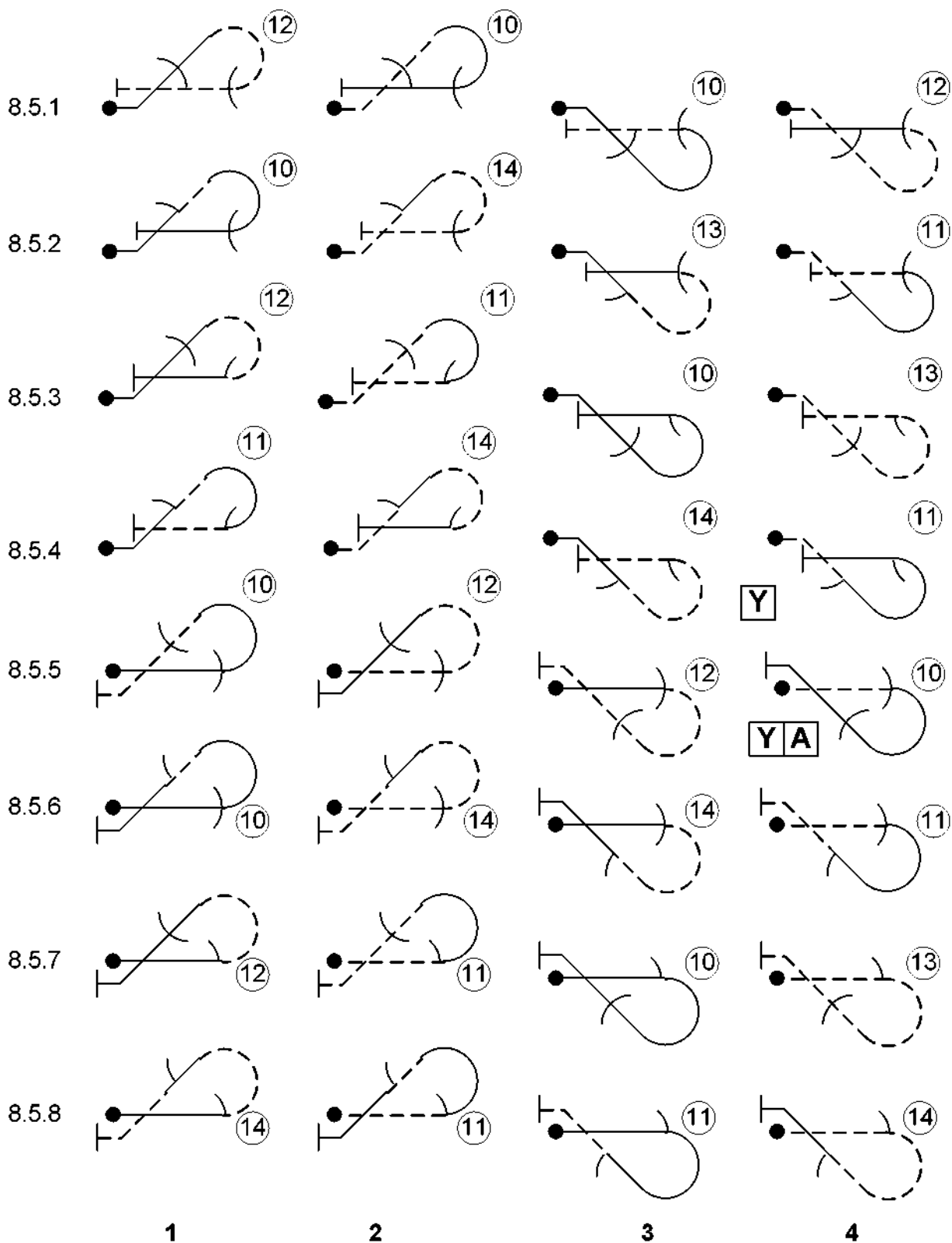
1

2

3

4

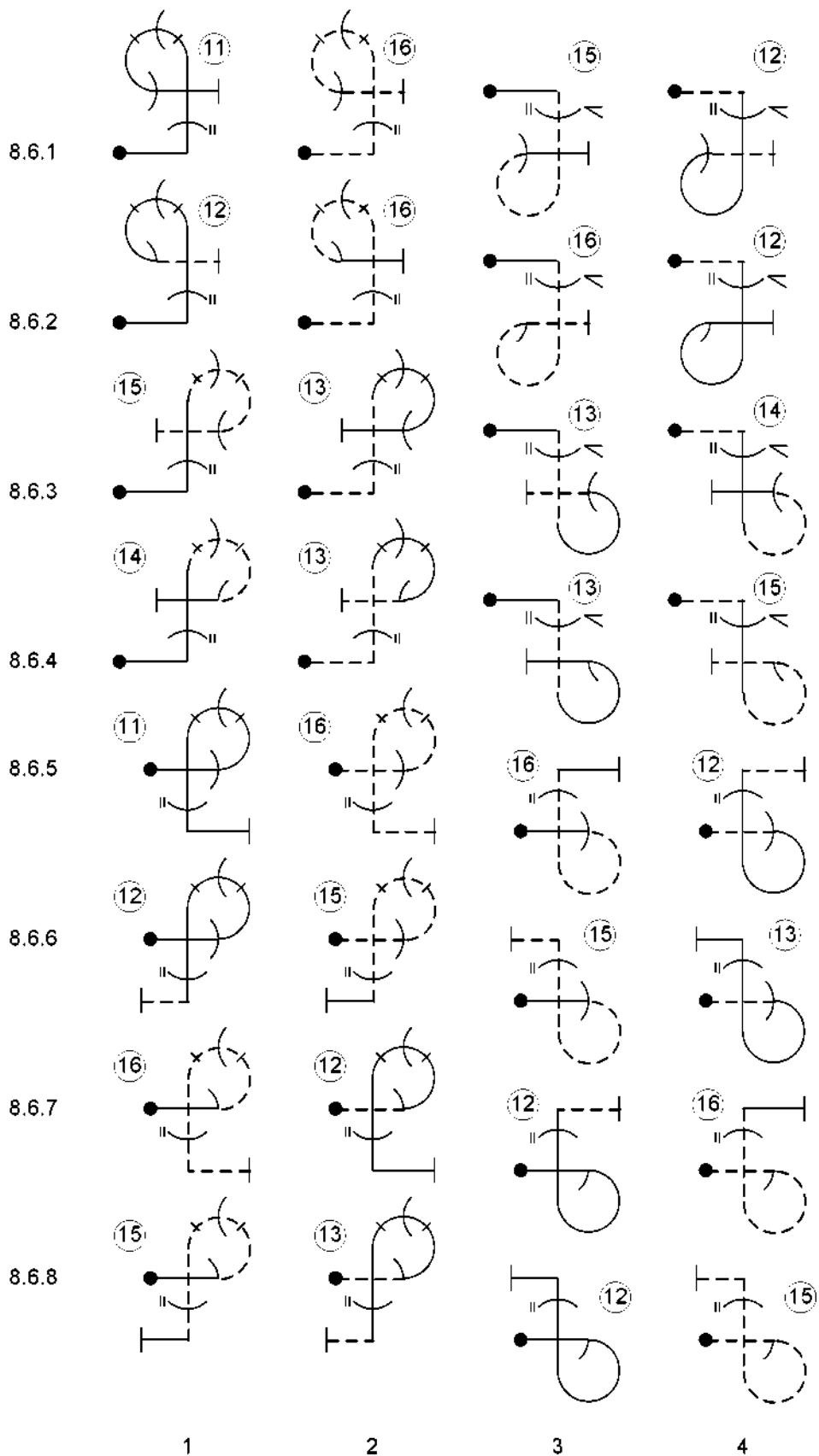
8.



Штопорні обертання не дозволені на горизонтальних вхідних і вихідних лініях фігур колонок 1 і 2 на цій сторінці.

Клас необмежений



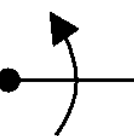


8.



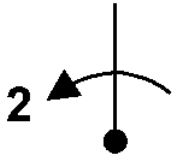
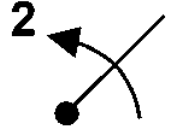
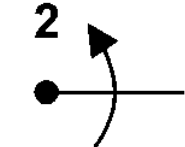
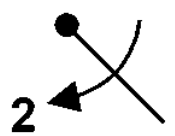
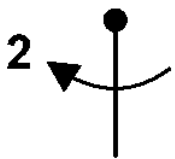
Штопорні обертання не дозволені на горизонтальних вхідних і вихідних лініях фігур колонок 1 і 2 на цій сторінці і на низхідних вертикальних лініях фігур 8.6.5 - 8.6.8 після фіксованого обертання на петлі.

Клас необмежений



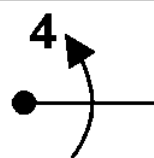


9.1 КЕРОВАНІ ОБЕРТАННЯ

9.1		1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
1		6	8	10	12	14			
2		4	6	8	10	11	12		
3		2	4	6	8	9	10	11	12
4			4		8		10		
5		2	4	6	8				
		1	2	3	4	5	6	7	8

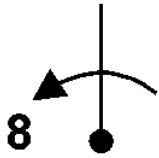

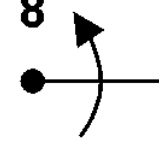

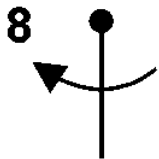
9.2 ОБЕРТАННЯ, ФІКСОВАНІ ЧЕРЕЗ 180°

9.2					1	1 1/2		2	
1					13				
2					11	14			
3					9	12		15	
4					9				
5					9				
		1	2	3	4	5	6	7	8

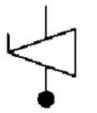

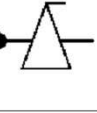

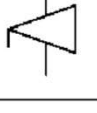
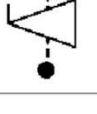


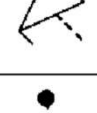
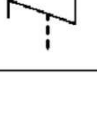
9.4 ОБЕРТАННЯ, ФІКСОВАНІ ЧЕРЕЗ 90°

9.4			$1/2$	$3/4$	1	$1\ 1/4$	$1\ 1/2$	$1\ 3/4$	2
1			9	12	15				
2			7	10	13				
3			5	8	11				
4			5		11				
5			5	8					
		1	2	3	4	5	6	7	8

9.8 ОБЕРТАННЯ, ФІКСОВАНІ ЧЕРЕЗ 45°











9.8		1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
1		7	11						
2		5	9						
3		3	7		15				
4			7						
5		3	7						
		1	2	3	4	5	6	7	8

9.9 ПОЗИТИВНІ ШТОПОРНІ ОБЕРТАННЯ

9.9			1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
1			15	15	15				
2			13		13				
3			11		11		14		
4			11		11		14		
5			11	11	11				
6			17	17	17				
7			15		15				
8			13		13				
9			13		13				
10			13	13	13				
		1	2	3	4	5	6	7	8

Клас необмежений

9.10 НЕГАТИВНІ ШТОПОРНІ ОБЕРТАННЯ

9.10			1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
1			17	17	17				
2			15		15				
3			13		13		16		
4			13		13				
5			13	13	13				
6			19	19	19				
7			17		17				
8			15		15				
9			15		15				
10			15	15	15				
		1	2	3	4	5	6	7	8

Клас необмежений

9.11 ПРЯМІ ШТОПОРИ

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

9.12 ЗВОРОТНІ ШТОПОРИ

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