

FÉDÉRATION INTERNATIONALE
DE GYMNASTIQUE



TABLES OF DIFFICULTY
MEN'S GROUP
Dynamic Elements

Men's Group

	4	5	6	7	8	9	10	11	12	13	14	15	16	17
4	1	2	3	4	5	6	7							
5														
6	2	3	4	5	6	7	8							
7														
8	3	4	5	6	7	8	9							
9														
10	4	5	6	7	8	9	10							
11														
12	5	6	7	8	9	10	11							
13														
14	6	7	8	9	10	11	12							
15														
16	7	8	9	10	11	12	13							
17														
18	8	9	10	11	12	13	14							
19														
20	9	10	11	12	13	14	15							
21														
22	10	11	12	13	14	15	16							
23														

This Table is working from left to right:

Vertical column = first element

Horizontal row = second element

Dynamic Element

Back Salto
Finish Position

Start


		A	B	C	D									M	N	O	P												
1 / 4	1																	0/4	1		1	2	1	4	4	3			
	2	1	2	2	2	10	14	12	3	9	10			3	2	3	3		4	4	3	6	10	7	14	14	12		
	3	1	2	2	2	10	14	12	3	9	10			4	2	3	3		5	4	3	7	11	8	16	16	14		
	4	1	2	2	2	10	14	12	3	9	10			6	2	3	3		6	4	3	8	12	9	20	20	16		
5 / 4	5	2	5	5	6	20				12	20	24			7	8	12	12		7	10	8	16	20	18				
	6	3	6	6	7	22				14	22	26			8	12	16	16		8	14	12	20	24	22				
	7														9					9	14	12	20	24	22				
	8														10					10	16	14	22	26	24				
	9	4	7	7	8	26				18	26				11	16	20	20		11	18	16	28	32	26				
9 / 4	10	8	12	12						22	30			12	11				12	30	24	46	50						
	11	11	15	15						26	34			13	14				13	39	30	48							
	12	11	15	15										14	14				14	39	30	48							
	13	13	17	17										15	15				15	44	38	54							
	14	15	19	19						30	38			16	16				16	48	40	62							
13 / 4	15	20																											
	16	26																											
	17	26																											
	18	29																											
	19	32																											

		A	B	C	D	E	F	G	H
	Twist	180°	360°	540°	720°	900	1080	1260	1440
1	0/4	1	3	5	7	9	11	14	17
2	1/4	1	2	3	5	7	9	11	13
3	2/4	-1	4	3	8	7	12		
4	3/4	1	2	3	5	7	9	11	13
5	4/4	1	6	8	10	12	14	16	18
6	5/4	1	3	5	7	9	11	14	17
7	6/4	0	12	8	16	14	24		
8	7/4	2	4	6	8	10	12	16	20
9	8/4	3	8	10	12	14	16	18	20
10	9/4	2	4	6	8	10	12	16	20
11	10/4	-2	8	6	16	14	16	20	24
12	11/4	4	8	12	16	20	24	28	
13	12/4	4	10	14	18	22	26	30	

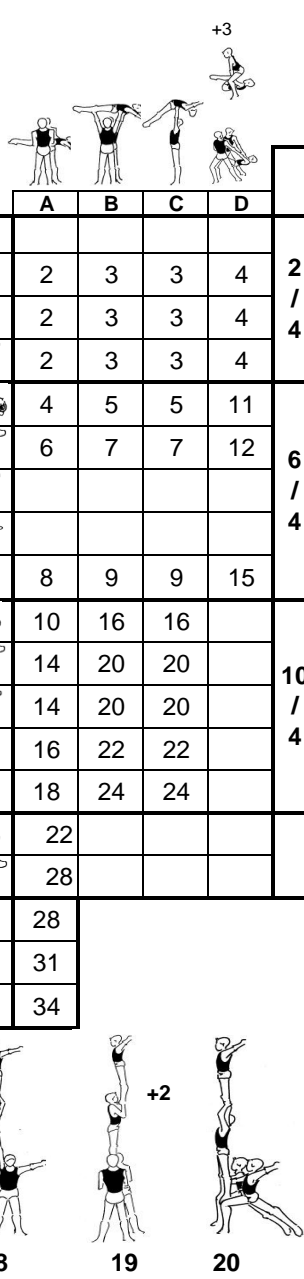
12a

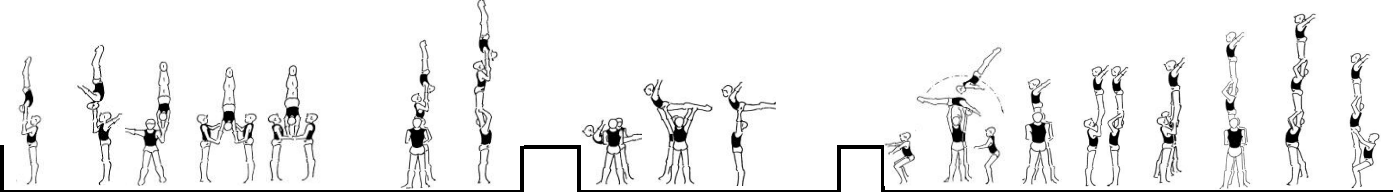
9 10 11 12

Dynamic Element



Back Salto
Finish Position

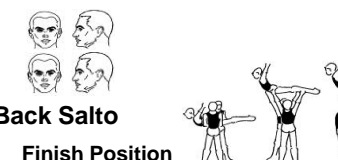




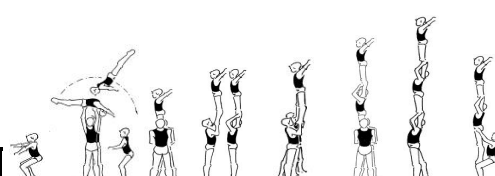
		A	B	C	D									E	F	G	H	I	J	K	L					M	N	O	P									Q	R	S	T	U	V	W	X		
1 / 4	1																																						0/4	1		2	3	3			
	2	2	3	3	4									20			13	18			16	16					4	5	5										4	6	6	8	10	8	12	10	9
	3	2	3	3	4									20			13	18			16	16					4	5	5										/	6	6	9	11	9	14	12	11
	4	2	3	3	4									20			13	18			16	16					4	5	5										4	6	6	10	12	10	16	14	13
5 / 4	5	4	5	5	11									22			14	22			30	28					8	10	10										8 / 4	12	10	22	22	20			
	6	6	7	7	12									24			16	24			34	32					10	12	12											16	14	24	26	24			
	7																																							16	14	24	26	24			
	8																																							18	16	26	28	26			
9 / 4	9	10	16	16										28			18	26			38	36					14	16	18										20	18	28	30	28				
	10	14	20	20													24	34									18	22											40	36	56						
	11	14	20	20													28	38									18	22											42	36	56						
	12	16	22	22																							20	24											42	38	58						
13 / 4	13	18	24	24													32	40									22	26											48	40	66						
	15	22																																													
	16	28																																													
	17	28																																													
13 / 4	18	31																																													
	19	34																																													

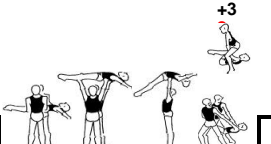
		A	B	C	D	E	F	G	H	
		Twist	180°	360°	540°	720°	900	1080	1260	1440
1	0/4	1	3	5	7	9	11	14	17	
2	1/4	1	2	3	5	7	9	11	13	
3	2/4	-1	4	3	8	7	12			
4	3/4	1	2	3	5	7	9	11	13	
5	4/4	1	6	8	10	12	14	16	18	
6	5/4	1	3	5	7	9	11	14	17	
7	6/4	0	12	8	16	14	24			
8	7/4	2	4	6	8	10	12	16	20	
9	8/4	3	8	10	12	14	16	18	20	
10	9/4	2	4	6	8	10	12	16	20	
11	10/4	-2	8	6	16	14	16	20	24	
12	11/4	4	8	12	16	20	24	28		
13	12/4	4	10	14	18	22	26	30		

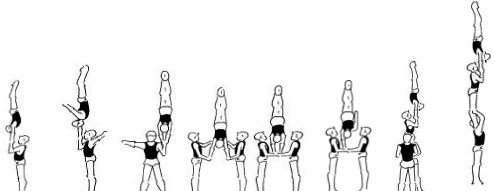
Dynamic Element






























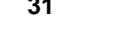









Back Salto
Finish Position









		A	B	C	D									M	N	O	P												
Start 	1																	0/4	2	5	3	1	3	5	8	9			
	2		1	2	2									3	2	3	3	4	4	14		16	8	14	16	20	20		
	3		1	2	2									4	2	3	3	4	/	16		18	8	16	18	24	24		
	4		1	2	2									4	2	4	4	4	4	18		20	8	18	20	28	28		
25 	5		4	9	9									7	6	9	9	8 / 4											
	6		5	10	10									7	7	10	10		8										
	7																												
	8																												
26 	9		6	12	12									9	9	12	12	12 / 4											
	10		9											11	16				12										
	11		10											11	18	18	26		30	30									
	12													11															
27 	13													11															
	14		12											11	20														
	15													11															
	16													11															
28 	17		20											15	24														
	18		24											15	28														
	19													15	34														
	20													15															
29 	21		28																										
	22																												
	23																												
	24																												
	25																												
	26																												
	27																												
	28																												
	29																												
	30																												
	31																												
	32																												
	33																												

	A	B	C	D	E	F	G	H	
1	0/4	2	4	6	8	10	12	14	16
2	1/4	1	2	3	4	5	6	7	8
3	2/4	2	4	6	8	10	12	14	16
4	3/4	1	2	3	4	6	8	10	12
5	4/4	-1	8	10	12	16	20		
6	5/4	2	4	6	8	12	16		
7	6/4	4	8	10	14	16	18		
8	7/4	2	4	6	8	12	16		
9	8/4	3	10	12	14				
10	9/4	4	8	12	16	20	24		
11	10/4	4	8	12	16	20	24		
12	11/4	4	8	12	16	20	24		
13	12/4	4	12	16	20	24	28		




+1

34




+2

35




+2

36

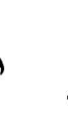


+3

37



38



39

Dynamic Element

Back Salto
Finish Position

Start

41

42

43


44

45

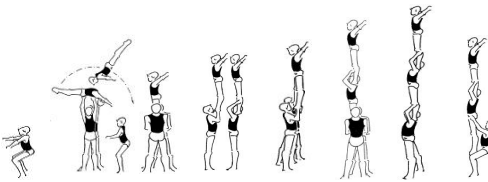
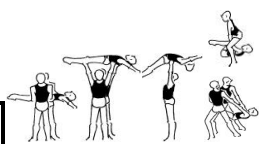
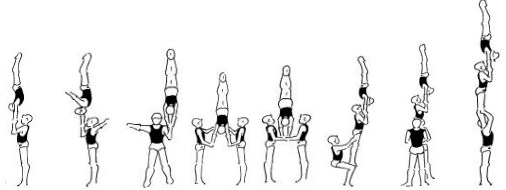
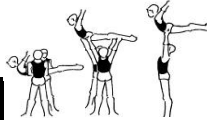
		A	B	C	D	E	F	G	H					I	J	K	L					M	N	O	P	Q	R	S	T					U	V	W	X			
1 / 4	1									2 / 4								3 / 4										0/4 4 / 4	1	1	1	2					1	1	1	2
	2	4	7	5	2	4					2	2	2	2					2		4	5	5						3	3	4	4	5							
	3	4	7	5	2	4					2	2	2	2					2		4	6	6						3	3	4	4	5							
	4	4	7	5	2	4					2	2	2	2					2		4	7	7						4	4	5	5	5							
5 / 4	5	9			6	10				6 / 4							7 / 4	9	8	13	14	14					8 / 4	10	12	12										
	6	10			7	11					5	7	7					11	10	15	16	16						12	12	14	14									
	7																																							
	8																																							
9 / 4	9	12			9	13				10 / 4							11 / 4	13	12	17	18	18					12 / 4	14	16	16										
	10				14	20					12							14	14	20						12		26												
	11				16	22					14							16	16	24						12		28												
	12																																							
15 16	13																																							
	14				20	26				16						20	20	28							12	32														


		A	B	C	D	E	F	G	H
	Twist	180°	360°	540°	720°	900	1080	1260	1440
1	0/4	1	2	3	4	5	6	7	8
2	1/4	2	4	6	8	10			
3	2/4	1	3	5	7	9	11		
4	3/4	2	4	6	8	10	14	18	
5	4/4	1	3	5	7	9	11		
6	5/4	2	4	6	8				
7	6/4	2	4	6	8	10	12	14	16
8	7/4	3	5	7	9	12	15		
9	8/4	4	8	12					
10	9/4	4	8	12					
11	10/4	4	8	12					
12	11/4	4	8	12					
13	12/4	4	12	12					


Dynamic Element




Back Salto
Finish Position


Start 




46



47



48




49

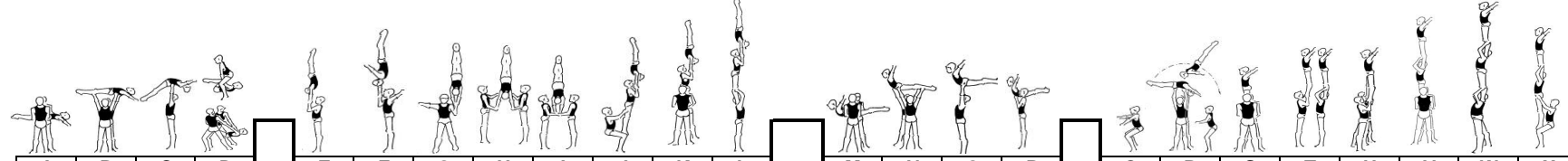
		A	B	C	D	E	F	G	H					I	J	K	L									M	N	O	P	Q	R	S	T					U	V	W	X
1 / 4	1													2													3									0/4	1	1	1		
	2	1		2	3	3								2	2	2	2	3									3	5	9	7	4	7				4	3	5	5		
	3	1		2	3	3								2	2	2	2	3									3	5	9	7	4	7				/	3	5	5		
	4	1		2	3	3								2	2	2	2	3									3	5	9	7	4	7				4	4	5	5		
5 / 4	5	5	5	10	11	11								6	6	8		8									6	20			14	18				8 / 4	10	16	16		
	6	6	6	12	13	13								7	10		9									6	22			16	20				12		18	18			
	7																																				12	18	18		
	8																																				12	18	18		
9 / 4	9	7	7	14	15	15								10	9	12		9									12	24			18	22				12 / 4	14	20	20		
	10	12	12	20										14	14	18																					12	22	22		
	11	14	14	22										10	18	22																					12	22	22		
	12																																				12	22	22		
13 / 4	13	16	16																																	14 / 4	26	26	26		
	14													14	20																						26	26	26		
	15													14	24																										
	16													14	24																										


		A	B	C	D	E	F	G	H
	Twist	180°	360°	540°	720°	900	1080	1260	1440
1	0/4	1	2	3	4	5	6	7	8
2	1/4	2	4	6	8	10	12	16	20
3	2/4	1	2	3	4	5	6	7	8
4	3/4	2	4	6	10	14			
5	4/4	2	4	6	8	10	12	16	20
6	5/4	3	5	7	9	11	13		
7	6/4	3	5	7	9	11	13		
8	7/4	4	8	12	14	16			
9	8/4	3	5	7	9	11	13		
10	9/4	4	8						
11	10/4	4	8						
12	11/4	4	8						
13	12/4	4	8						

Dynamic Element




Back Salto
Finish Position



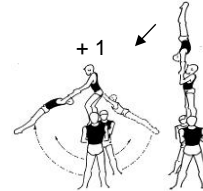


Start

		A	B	C	D									M	N	O	P								
1 / 4	1																								
	2	2	3	3	4									3	4	4									
	3	2	3	3	4									3	4	4									
	4	2	3	3	4									3	4	4									
5 / 4	5	4	5	5	7									8	10	10									
	6	5	6	6	7									9	11	11									
	7																								
	8																								
	9	6	7	7	7									10	12	12									
9 / 4	10	12												16											
	11	13												20											
	12																								
	13																								
	14	15																							
15 / 16	15																								
	16																								



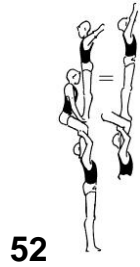
50



+1
51

	A	B	C	D	E	F	G	H
Twist	180°	360°	540°	720°	900	1080	1260	1440
1	0/4	1	2	3	4	5	6	
2	1/4	1	2	3	4	5	6	
3	2/4	2	4	6	8	10		
4	3/4	1	2	4	6	8	12	
5	4/4	2	8	10	12	14	18	
6	5/4	1	2	4	6	8	12	
7	6/4	2	4	6	8	10	12	
8	7/4	2	4	6	8	10	12	
9	8/4	2	10	12	14	16	20	
10	9/4	3	5	7	9	11	13	
11	10/4	4	8	12				
12	11/4	3	5	7	9	11	13	
13	12/4	4	12	16				

Dynamic Element Dismount of the middle



52



53



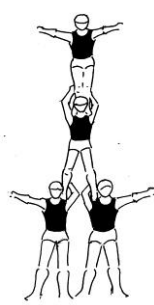
54



55



56



57



58



59



60



61



61a



62

Back



Gainer Salto

	4
	5
	6
	18

	4
	5
	6
	18

Front



Delfin

	5
	7
	9
	26

	4
	6
	8
	20

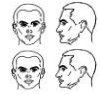
180° + 2
360° + 4
540° + 6
720° + 8

180° + 2
360° + 4
540° + 6
720° + 8

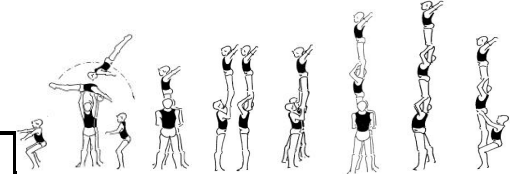
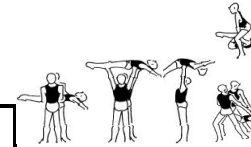
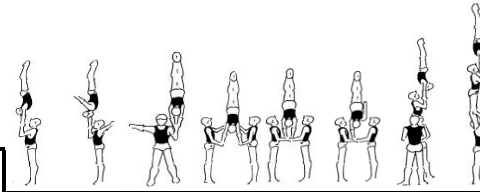
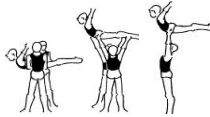
All of the start positions

In the following start positions 59,61,61a and 62 the direction of the base and/or top may be reversed, i.e. any direction is acceptable.

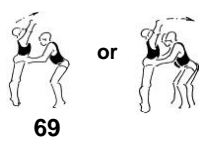
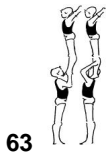
Dynamic Element



Front Salto
Finish Position



Start



		A	B	C	D									M	N	O	P														
1 / 4	1					2 / 4								3 / 4					0/4	1	1	1	1	1	4	4	2				
	2	1	2	2			5	8	6	2	5	8	10		12	4	1	2		2	5	4	4	3	6	7	6	16	13	14	
	3	1	2	2			5	8	6	2	5	8	10		12	4	1	2		2	5	4	5	4	7	8	7	18	15	16	
	4	1	2	2			5	8	6	2	5	8	10		12	4	1	2		2	5	4	6	5	8	9	8	20	17	18	
5 / 4	5	2	5	5		6 / 4	16			8	14	19	24	22	7 / 4	10	15		12	8 / 4	12	10	18	22	20	32	28	24			
	6	3	6	6			18			10	16	21	28	26		8	11	17				8	16	12	22	26	24	36	32	28	
	7																						8	16	12						
	8																						8	18	16						
9 / 4	9	4	7	7		10 / 4	20			12	20		32	30	11 / 4	12	19		14	12 / 4	20	18	30	30	30						
	10	8	12							18	24					11						12	30	28	42						
	11	11	15							22	28					11						12	40	36	48						
	12															14						12									
13 / 4	13	15	19			10 / 4				26	30				11 / 4	16				12 / 4											
	15	22														16						12	50	50	62						
	16	26																													

	A	B	C	D	E	F	G	H
Twist	180°	360°	540°	720°	900	1080	1260	1440
1	0/4	1	1	3	4	6	8	10
2	1/4	1	2	3	4	6	8	10
3	2/4	2	4	8	10	14	16	
4	3/4	2	2	8	10	14	16	
5	4/4	2	8	10	12	14	18	
6	5/4	2	4	6	8	10	14	
7	6/4	4	4	8	8			
8	7/4	2	4	6	10			
9	8/4	3	8	10	14			
10	9/4	3	4	9	12			
11	10/4	8	10	14	18			
12	11/4	3	6	9	12			
13	12/4	5	12					



70



71



71 a


Dynamic Element

Front Salto
Finish Position

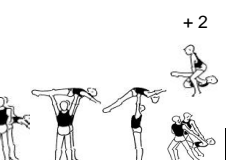
		A	B	C	D									M	N	O	P													
1 / 4	1					2 / 4	8			6	10	7	8	7	3 / 4	4	5	5	8	4 / 4	6	5	7	8	7	16	14	13		
	2	2	3	4			8			6	10	7	9	7		4	5	5	8		4	7	6	8	9	8	18	16	15	
	3	2	3	4			8			6	10	10	11	10		4	5	5	8		4	8	7	9	10	9	20	18	17	
	4	2	3	4			8			6	10	10	11	10		4	5	5	8		4	8	7	9	10	9	20	18	17	
5 / 4	5	4	5	5		6 / 4	18			10	18	20	26	24	7 / 4	8	10	10	14	8 / 4	14	12	20	22	22					
	6	6	7	7			20			12	20	24	30	28		10	12	12	16		8	16	14	24	28	28				
	7																													
	8																													
9 / 4	9	8	9	9		10 / 4	22			14	22	28	34	32	11 / 4	12	14	14	18	12 / 4	22	20	30	34	34					
	10	10								20	28					14					14									
	11	14								24	32					18														
	12																													
13 / 4	13	18				15 / 4				28	36				16 / 4	22				16 / 4	40	40	64							
	14	18								28	36					28														
	15	22														28														
	16	28														34														
17	34													40																

		A	B	C	D	E	F	G	H
Twist		180°	360°	540°	720°	900	1080	1260	1440
1	0/4	1	1	3	4	6	8	10	12
2	1/4	1	2	3	4	6	8	10	12
3	2/4	2	4	8	10	14	16		
4	3/4	2	2	8	10	14	16		
5	4/4	2	8	10	12	14	18		
6	5/4	2	4	6	8	10	14		
7	6/4	4	4	8	8				
8	7/4	2	4	6	10				
9	8/4	3	8	10	14				
10	9/4	3	4	9	12				
11	10/4	8	10	14	18				
12	11/4	3	6	9	12				
13	12/4	5	12						

Dynamic Element




Front Salto
Finish Position




+2


Start




79




80




81




		A	B	C	D									E	F	G	H	I	J	K	L					M	N	O	P									Q	E	S	T	U	V	W	X			
1 / 4	1					2 / 4														3 / 4													4 / 4	0/4	2			1	2									
	2	1	1	2	2		2	2		5	6	6	12	12	10	2	2	3	3												10	14		12	6	10	14	20	20									
	3	1	1	2	2		2	2		5	6	6	12	12	10	2	2	4	4												12	16		14	6	12	16	24	24									
	4	1	1	2	2		2	2		5	6	6	12	12	10	3	3	5	5												14	18		16	6	14	18	28	28									
5 / 4	5	4	7		9	6 / 4	6	6	10	12	12								7 / 4	6	9	9										8 / 4	26			18	24											
	6	5	8		10		8	8	8	14	16	16								7	7	10	10											30			20	26										
	7																																															
	8																																															
9 / 4	9	9	11	11		10 / 4	16	16	26									11 / 4	16												12 / 4																	
	11	10	12	12			20	20	20	30									20																													
	12																																															
	13																																															
13 / 4	15	20				10 / 4	24	24	34								11 / 4	24												12 / 4																		
	16	24																																														
	17	30																																														




82




83




84



85




86




87


	A	B	C	D	E	F	G	H	
1	0/4	2	4	6	8	10	12	14	16
2	1/4	1	2	3	4	5	6	7	8
3	2/4	2	4	6	8	10	12	14	16
4	3/4	1	2	3	4	6	8	10	12
5	4/4	-1	8	10	12	16	20		
6	5/4	2	4	6	8	12	16		
7	6/4	2	4	6	8	12	16		
8	7/4	2	4	6	8	12	16		
9	8/4	3	10	12	14				
10	9/4	4	8	12	16	20	24		
11	10/4	4	8	12	16	20	24		
12	11/4	4	8	12	16	20	24		
13	12/4	4	12	16	20	24	28		




88



89



90



91

Dynamic Element

Front Salto
Finish Position

		A	B	C	D	E	F	G	H		I	J	K	L		M	N	O	P	Q	R	S	T		U	V	W	X				
Start 1 / 4	1									2 / 4					3 / 4											0/4	1	1	1			
	2	2	6	4	2	3					2	2	2	3		3	3	5	6	6							4	4	5	5		
	3	3	6	4	2	3					2	2	2	3		3	3	5	7	7								/	4	5	5	
	4	3	6	4	2	3					2	2	2	3		3	3	5	8	8								4	5	6	6	
92 5 / 4	5	9			5	8				6 / 4	5	6	6	6	7 / 4	10		14	16	16						8 / 4	10	12	12			
	6	11			6	10			6		7	7	7	12			16	18	18						12		14	14				
	7																															
	8																															
93 9 / 4	9				12	15				10 / 4	12				11 / 4	14										12 / 4						
	11				14	17			14					16																		
	12																															
	13																															
94 13 / 4	14				16	19				18				20																		
	15																															
	16																															

	A	B	C	D	E	F	G	H	
	Twist	180°	360°	540°	720°	900	1080	1260	1440
1	0/4	1	1	3	4	5	6	7	8
2	1/4	2	4	6	8	10	14		
3	2/4	1	1	3	4	5	6	7	8
4	3/4	2	4	6	8	10	14		
5	4/4	1	2	4	6	9	12		
6	5/4	2	4	6	8				
7	6/4	1	2	4	6	8			
8	7/4	2	4	6	8	10	12		
9	8/4	2	4	6	8	10	12		
10	9/4	4	6	8	10				
11	10/4	2	4	6	8	10	12		
12	11/4	2	4	6	8	10	12		
13	12/4								

Dynamic Element

Front Salto
Finish Position

Start

95

96

97

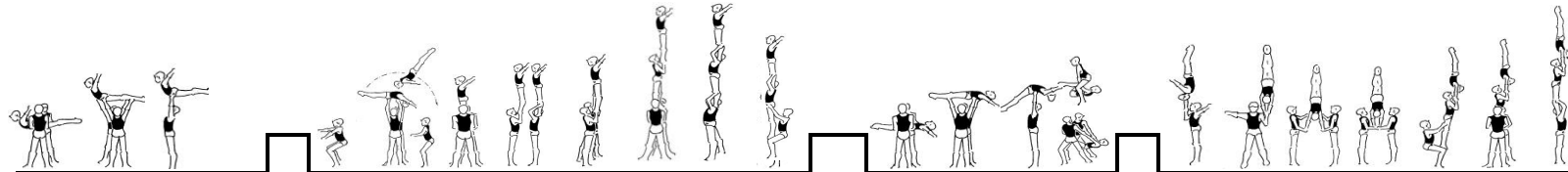
98

		A	B	C	D	E	F	G	H					I	J	K	L									M	N	O	P	Q	R	S	T					U	V	W	X
1 / 4	1									2 / 4							3 / 4													0/4 4 / 4	1	1	1	1							
	2	1		2	3	3					2	3	3						4	7	5	3	5								3	4	4	5							
	3	1		2	3	3					2	3	3						4	7	5	3	5						3		4	4	5								
	4	1		2	3	3					2	3	3						4	7	5	3	5						4		5	5	5								
5 / 4	5	4	4	6	7	7				6 / 4							7 / 4	12			10	12																			
	6	5	5	7	8	8					5	6	6					7	8	8																					
	7																																								
	8																																								
9 / 4	9	6	6	9	10	10				10 / 4							11 / 4	18			16	18																			
	10	11		17							12	14	14										14	20																	
	11	13		19							14	16	16										18	24																	
	12																																								
13 / 4	13	17		23						14 / 4																															
	14	24									30																														
	15																																								
	16	30																																							

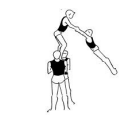
		A	B	C	D	E	F	G	H
Twist		180°	360°	540°	720°	900	1080	1260	1440
1	0/4	1	2	3	4	5	6		
2	1/4	2	4	6	8	10			
3	2/4	2	4	6	8	10			
4	3/4	2	4	6	8	10			
5	4/4	2	4	6	8	10			
6	5/4	2	4	6	8	10			
7	6/4	2	4	6	8	10			
8	7/4	4	6	8	10	12			
9	8/4	4	6	8	10	12			
10	9/4	4	8	12	16				
11	10/4	4	8	12	16				
12	11/4	6	10	14	18				
13	12/4	6	10	14	18				

Dynamic Element

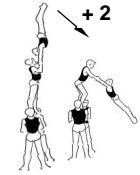
Front Salto
Finish Position



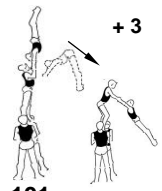
Start



99



100



101

		A	B	C	D			E	F	G	H	I	J	K	L					M	N	O	P			Q	R	S	T	U	V	W	X	
1 / 4	1					2 / 4	1		2	2			4				3 / 4					4 / 4	0/4											
	2	2	3	3			5		8	10			22					3	4				4	6		3	6							
	3	2	3	3			6		10	12			24					3	4				/	7		3	7							
	4	2	3	3			7		14	16			26					3	4				4	7		3	7							
5 / 4	5	4	6	6		6 / 4	12	10	20							7 / 4	7	9			8 / 4	16		8	14									
	6	5	7	7			14	12	24								8	10				8	18		10	16								
	7																																	
	8																																	
9 / 4	9	7	9	9		10 / 4	18	16	28							11 / 4	9	11			12 / 4	22		12	20									
	10	12	14	14			34								14								16	22										
	11	13	15	15			43								16								18	24										
	12						43								16																			
13 / 4	13																																	
	14	15	17	17										20																				
	15																																	
	16																																	

		A	B	C	D	E	F	G	H
	Twist	180°	360°	540°	720°	900	1080	1260	1440
1	0/4								
2	1/4	1	2	3	4	5	6	7	8
3	2/4	2	4	8	10	14	16		
4	3/4	1	2	3	4	5	6	7	8
5	4/4	2	8	10	12	14	16	20	24
6	5/4	1	2	3	4	5	7	9	12
7	6/4	4	6	10	12	16	18		
8	7/4	2	4	6	8	12	16	20	24
9	8/4	3	9	12	15	18	21		
10	9/4								
11	10/4	8	10	14	18	22	26		
12	11/4								
13	12/4	10							

Dynamic Element



+2

102

Finish Position

Back Salto	0/4	4/4	8/4	
	1	12	24	180° 0
	1	14	28	540° + 6
	1	16	32	720° + 12

+2

Start

105

Finish Position

Front Salto	0/4	4/4	8/4	
	1	10	22	
	1	12	26	360° + 8
	1	14	30	720° + 10

Start

	A	B	C	
2/4	2	3	3	180° + 1
4/4	4	5	5	360° + 1
6/4	8	9	9	540° + 3
				720° + 4

103

A	B	C	
1	2	3	180° + 1
			360° + 2
			540° + 3
			720° + 4
			900° + 5
			1080° + 6
			1260° + 8
			1440° + 10

104

Start

106

	Back Salto	Front Salto	
0/4		3	1
4		10	7
/		10	9
4		10	10
8		20	
		24	
4			

180° + 2
360° + 4