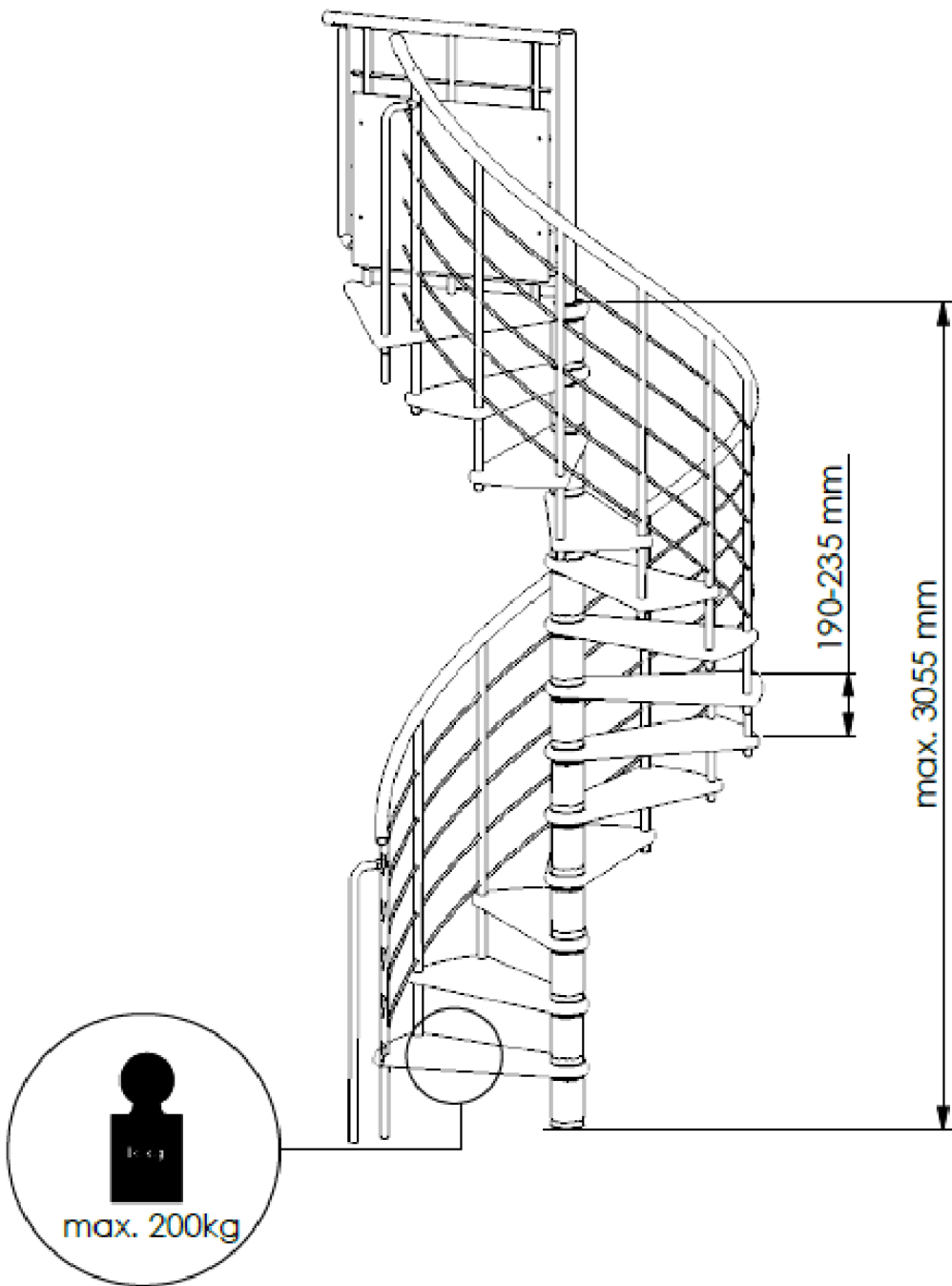


	9	10	11	12	13	*14	*15
H min	1755mm	1950mm	2145mm	2340mm	2535mm	2725mm	2915mm
H max	2115mm	2350mm	2585mm	2820mm	3055mm	3290mm	3525mm





Information sur le stockage et la mise en œuvre des escaliers

Escalier à usage intérieur, pour maison individuelle à trafic faible.

1. Influence de l'environnement, mesures de protection

- Les escaliers préfabriqués seront entreposés dans un endroit protégé et aéré, maintenant une température et une hygrométrie constantes.
- Les escaliers sont prévus pour un milieu sec, c'est-à-dire une température de 20°C et une humidité relative ambiante ne dépassant pas 65%.
- L'escalier doit être protégé avant la pose, dans les 15 jours suivants la date d'achat, et entretenu avec un vernis vitrificateur.

2. Mise en œuvre

- Les escaliers doivent être mis en œuvre dans une pièce saine, sèche (plâtre et dalle secs), ventilée, sur sol sec et fini, ainsi que d'éviter les contacts avec des matériaux humides.
- Les escaliers ne peuvent en aucun cas être placés lorsque les conditions sont de nature à risquer le voilement ou le retrait des parties en bois de l'escalier.
- La mise en œuvre des escaliers doit suivre les normes et réglementations applicables, et en particulier le DTU en vigueur NF DTU 36-3 Travaux de bâtiment — Escaliers en bois et garde-corps associés.
- Le respect de ces normes implique que la pose d'un escalier n'est pas un acte anodin, par conséquent le poseur doit être de préférence un professionnel ou bien un bricoleur averti, rompu à la mise en œuvre des menuiseries.
- La personne ayant la charge de la pose veillera à ce que, après leur mise en œuvre, les escaliers soient dûment protégés contre les dégradations et l'encrassement pendant la durée des travaux de construction.

3. Utilisation

- L'escalier doit être utilisé normalement et sans avoir subi de modifications.
- Toute conséquence d'une mise en œuvre de nos produits sur un chantier qui ne respecte pas ces spécifications ne saurait nous être imputée.

2



Montage

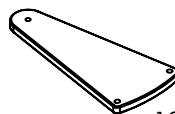
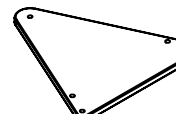
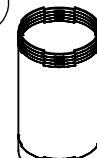
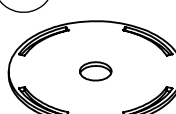
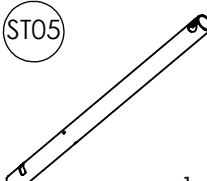
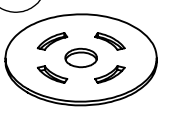
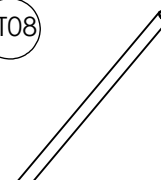
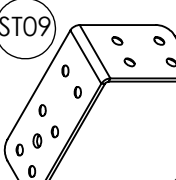
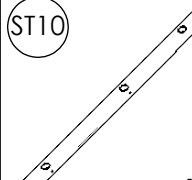
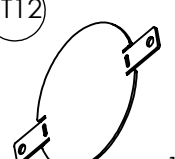
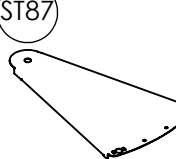
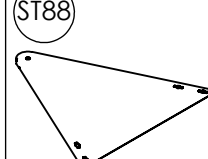
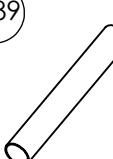
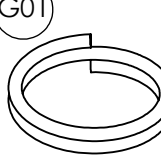
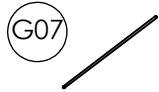
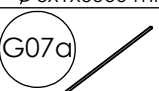
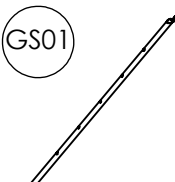
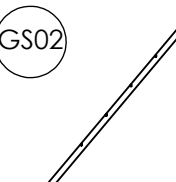
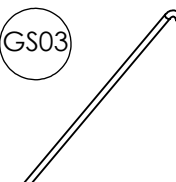
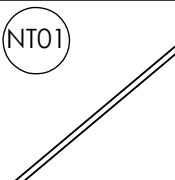
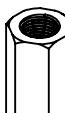
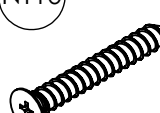
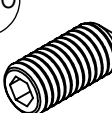
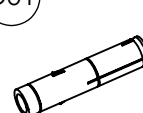
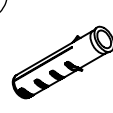
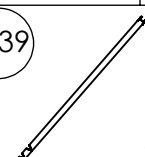
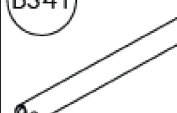
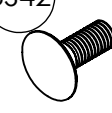
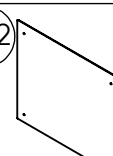
- Porter des gants.
- Les fixations pour sol et dalle fournies sont à adapter en fonction du type de support



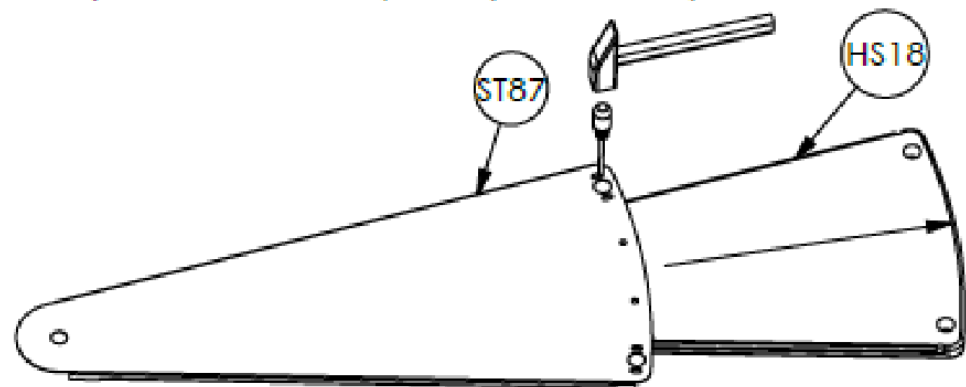
TRIEZ
RÉEMPLOIEZ
RECYCLEZ



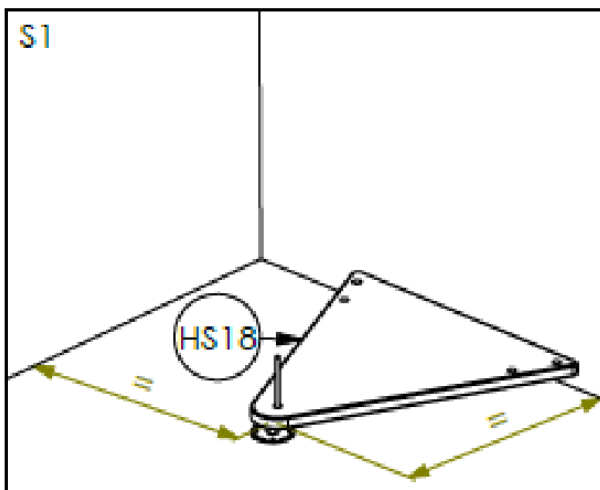
Adresses sur quefairemesdechets.fr

 HS18 12x	 HS19 1x	 ST01 13x Ø 108x200 mm	 ST02 26x Ø 115 x 3 mm	 ST03 1x	 ST05 1x Ø 60 x 1000x4 mm
 ST06 1x Ø 100 x 3 mm	 ST07 4x Ø 28x2x50 mm	 ST08 1x Ø 40x2x950 mm	 ST09 2x	 ST10 1x	 ST11 28x
 ST12 1x Ø 60 mm	 ST87 12x	 ST88 1x	 ST89 1x Ø 22x2x150 mm	 G01 1x Ø 40x3x6000 mm	 G07 5x Ø 6x1x6000 mm  G07a 5x Ø 6x1x1000 mm
 GS01 13x Ø 22x2x1275 mm	 GS02 3x Ø 22x2x1030 mm	 GS03 2x Ø 22x1x913+170mm	 KS01 16x Ø 22 mm	 KS02 3x Ø 40 mm	 KS05 20x Ø 6 x 12 mm
 NT01 4x M20 x 1000 mm	 NT02 13x M20 DIN-EN 24035	 NT04 4x M20 DIN 6334	 NT05 4x M8x50 mm	 NT06 58x Ø 4,8 x 22 mm	 NT07 54x Ø 4,2 x 19 mm
 NT09 8x Ø 5,5x22mm	 NT10 14x Ø 6x50mm	 NT11 26x Ø 4x25mm	 NT40 3x M8x25mm	 NT48 2x M6	 NT49 2x M6
 D01 4x Ø 12 mm	 D02 16x Ø 8 mm	 BS39 1x	 BS40 1x	 BS41 1x	 BS42 1x M8 x 35 mm
 ST50 5x	 BS43 1x M8	 V60 4x M6 x 14 mm	 V61 4x	 V62 1x	 kit de retouche

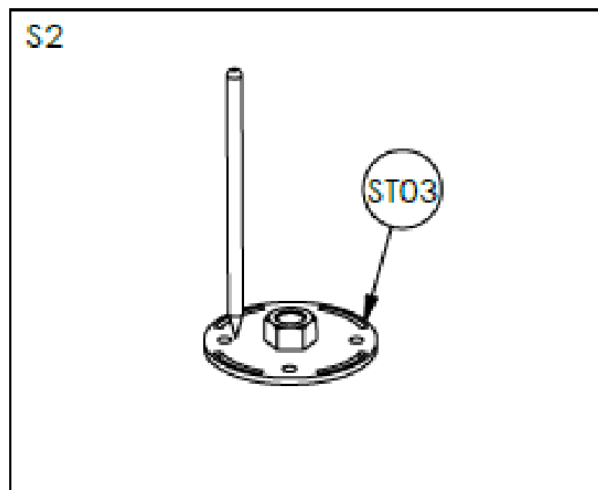
Réaliser la même opération avec le palier (ST88 + HS19)



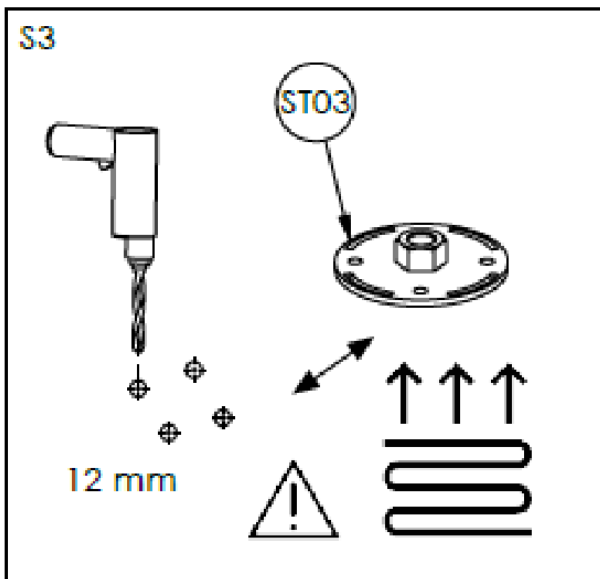
S1



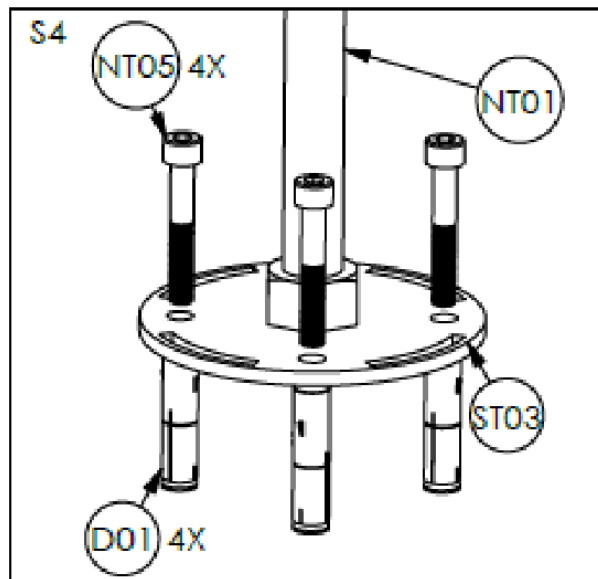
S2



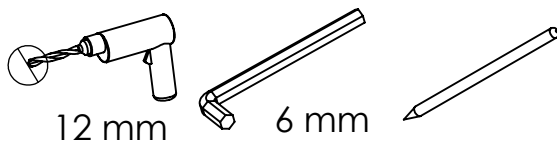
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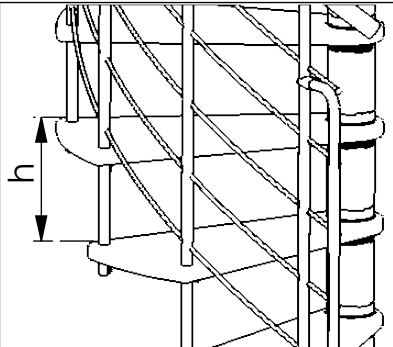
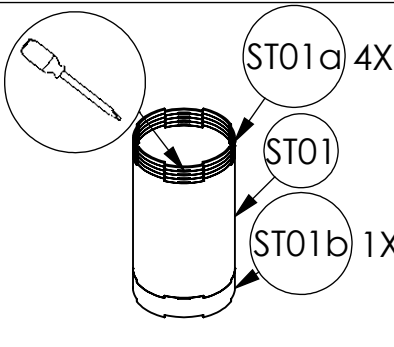
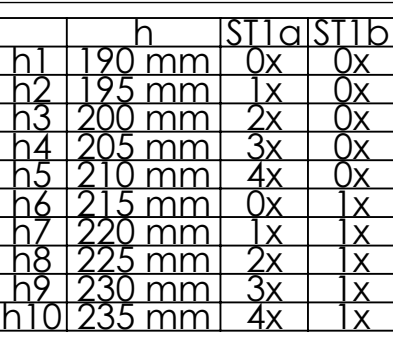
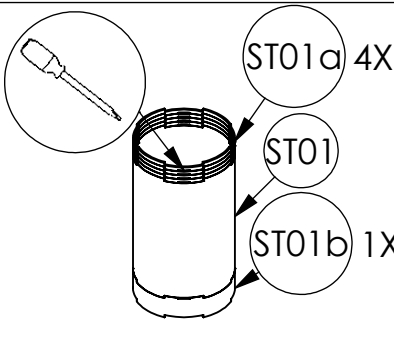
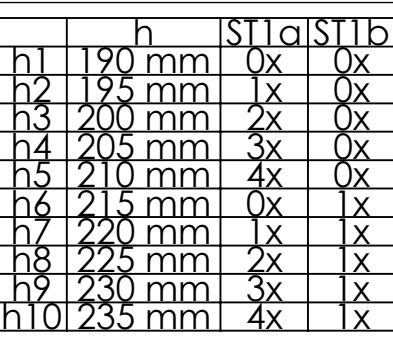
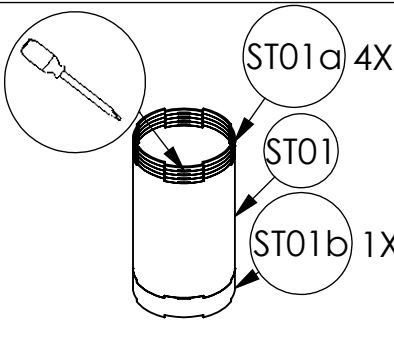
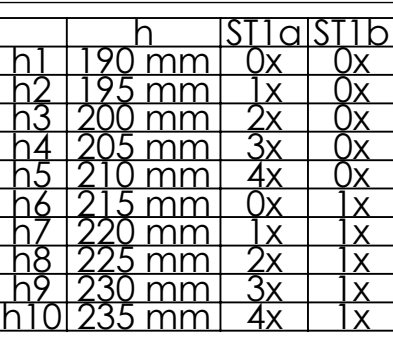
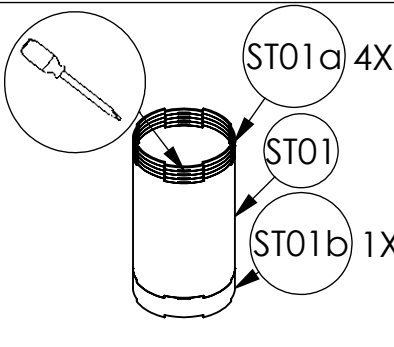
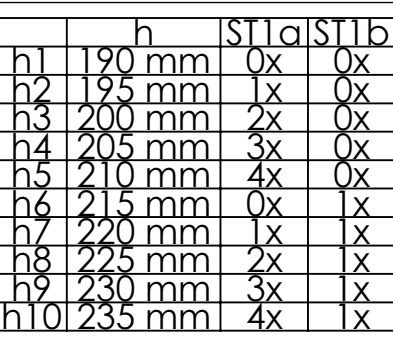
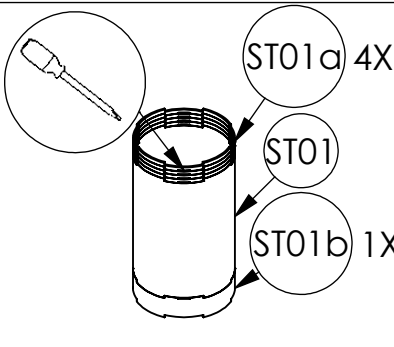
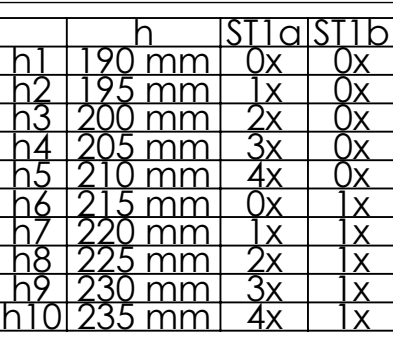
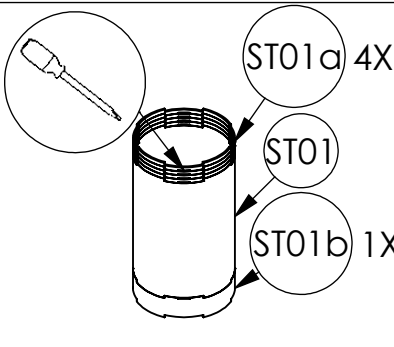
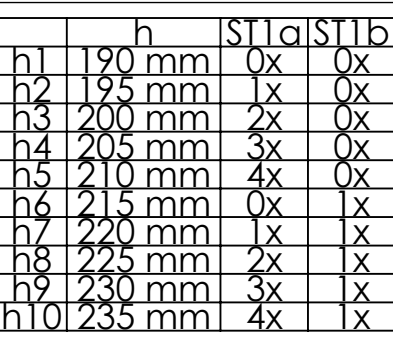
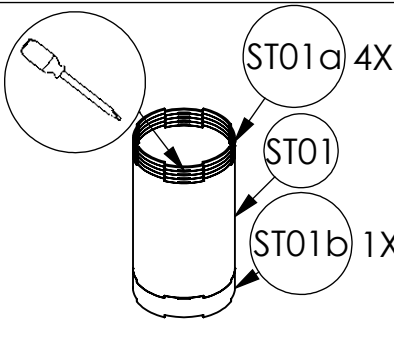
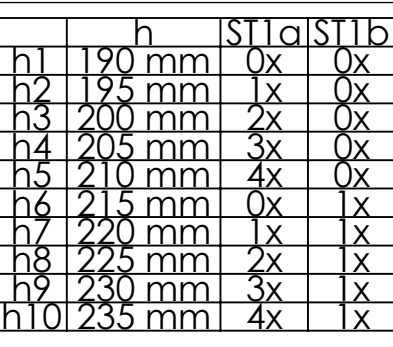
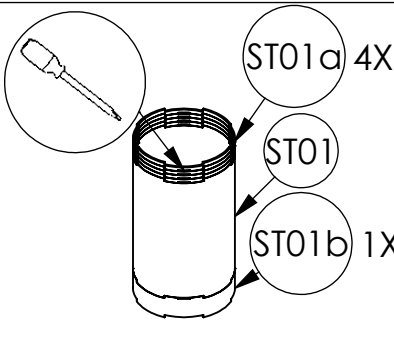
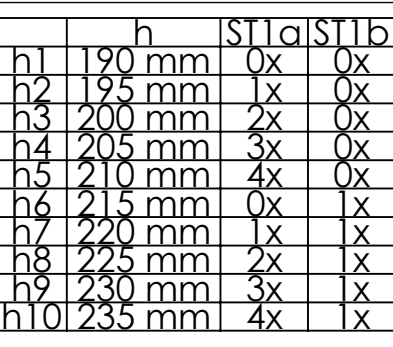
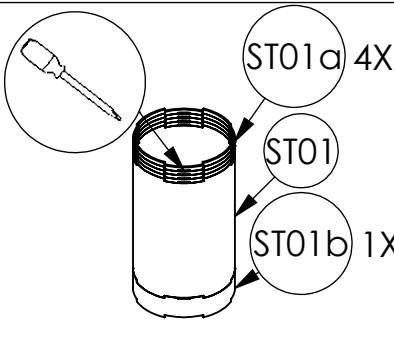
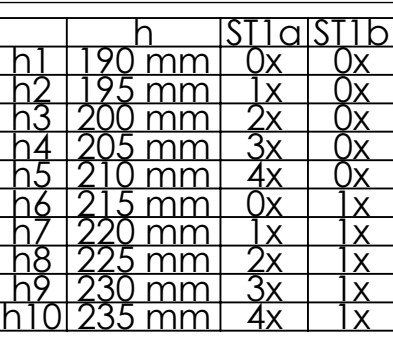
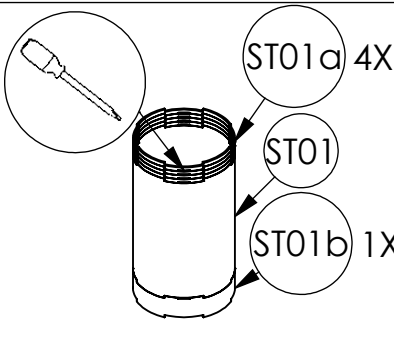
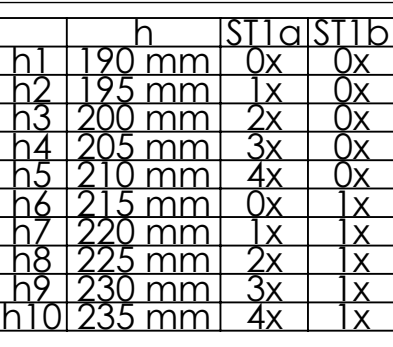
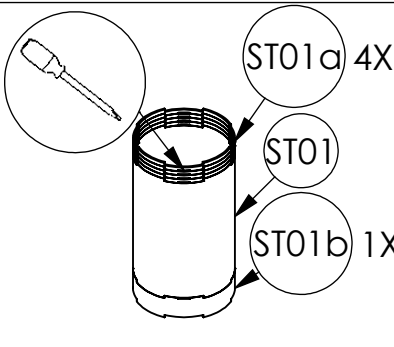
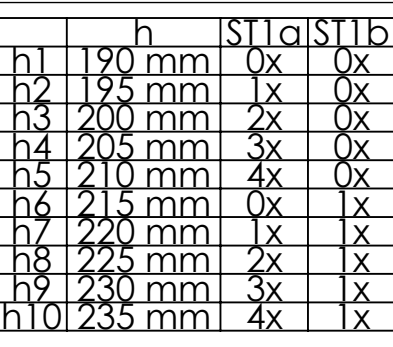
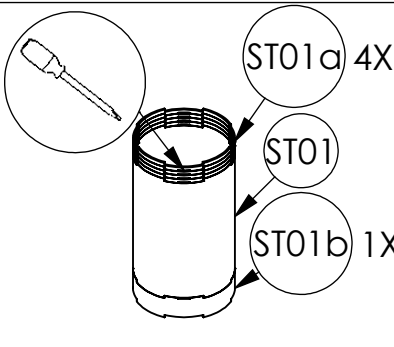
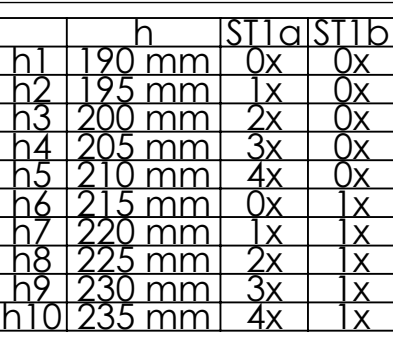


S4



4

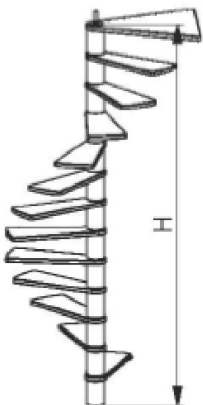


12 marches et 1 plateforme

H [mm]	h1	h2	H [mm]	h2	h3	H [mm]	h3	h4	H [mm]	h4	h5	H [mm]	h5	h6
2470	13x		2535	13x		2600	13x		2665	13x		2730	13x	
2475	12x	1x	2540	12x	1x	2605	12x	1x	2670	12x	1x	2735	12x	1x
2480	11x	2x	2545	11x	2x	2610	11x	2x	2675	11x	2x	2740	11x	2x
2485	10x	3x	2550	10x	3x	2615	10x	3x	2680	10x	3x	2745	10x	3x
2490	9x	4x	2555	9x	4x	2620	9x	4x	2685	9x	4x	2750	9x	4x
2495	8x	5x	2560	8x	5x	2625	8x	5x	2690	8x	5x	2755	8x	5x
2500	7x	6x	2565	7x	6x	2630	7x	6x	2695	7x	6x	2760	7x	6x
2505	6x	7x	2570	6x	7x	2635	6x	7x	2700	6x	7x	2765	6x	7x
2510	5x	8x	2575	5x	8x	2640	5x	8x	2705	5x	8x	2770	5x	8x
2515	4x	9x	2580	4x	9x	2645	4x	9x	2710	4x	9x	2775	4x	9x
2520	3x	10x	2585	3x	10x	2650	3x	10x	2715	3x	10x	2780	3x	10x
2525	2x	11x	2590	2x	11x	2655	2x	11x	2720	2x	11x	2785	2x	11x
2530	1x	12x	2595	1x	12x	2660	1x	12x	2725	1x	12x	2790	1x	12x

H [mm]	h6	h7	H [mm]	h7	h8	H [mm]	h8	h9	H [mm]	h9	h10
2795	13x		2860	13x		2925	13x		2990	13x	
2800	12x	1x	2865	12x	1x	2930	12x	1x	2995	12x	1x
2805	11x	2x	2870	11x	2x	2935	11x	2x	3000	11x	2x
2810	10x	3x	2875	10x	3x	2940	10x	3x	3005	10x	3x
2815	9x	4x	2880	9x	4x	2945	9x	4x	3010	9x	4x
2820	8x	5x	2885	8x	5x	2950	8x	5x	3015	8x	5x
2825	7x	6x	2890	7x	6x	2955	7x	6x	3020	7x	6x
2830	6x	7x	2895	6x	7x	2960	6x	7x	3025	6x	7x
2835	5x	8x	2900	5x	8x	2965	5x	8x	3030	5x	8x
2840	4x	9x	2905	4x	9x	2970	4x	9x	3035	4x	9x
2845	3x	10x	2910	3x	10x	2975	3x	10x	3040	3x	10x
2850	2x	11x	2915	2x	11x	2980	2x	11x	3045	2x	11x
2855	1x	12x	2920	1x	12x	2985	1x	12x	3050	1x	12x
									3055		13x



Technical drawing of a staircase showing the height 'h' of the steps.

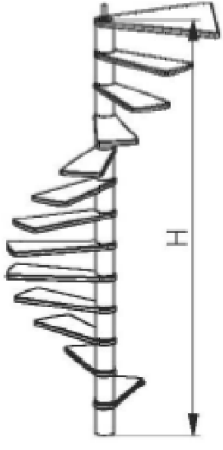
Technical drawing of a cylindrical component with a screwdriver. Labels indicate 'ST01a 4X', 'ST01', and 'ST01b 1X'.

	h	ST1a	ST1b
h1	190 mm	0x	0x
h2	195 mm	1x	0x
h3	200 mm	2x	0x
h4	205 mm	3x	0x
h5	210 mm	4x	0x
h6	215 mm	0x	1x
h7	220 mm	1x	1x
h8	225 mm	2x	1x
h9	230 mm	3x	1x
h10	235 mm	4x	1x

11 marches et 1 plateforme

H [mm]	h1	h2	H [mm]	h2	h3	H [mm]	h3	h4	H [mm]	h4	h5	H [mm]	h5	h6
2280	12x		2340	12x		2400	12x		2460	12x		2520	12x	
2285	11x	1x	2345	11x	1x	2405	11x	1x	2465	11x	1x	2525	11x	1x
2290	10x	2x	2350	10x	2x	2410	10x	2x	2470	10x	2x	2530	10x	2x
2295	9x	3x	2355	9x	3x	2415	9x	3x	2475	9x	3x	2535	9x	3x
2300	8x	4x	2360	8x	4x	2420	8x	4x	2480	8x	4x	2540	8x	4x
2305	7x	5x	2365	7x	5x	2425	7x	5x	2485	7x	5x	2545	7x	5x
2310	6x	6x	2370	6x	6x	2430	6x	6x	2490	6x	6x	2550	6x	6x
2315	5x	7x	2375	5x	7x	2435	5x	7x	2495	5x	7x	2555	5x	7x
2320	4x	8x	2380	4x	8x	2440	4x	8x	2500	4x	8x	2560	4x	8x
2325	3x	9x	2385	3x	9x	2445	3x	9x	2505	3x	9x	2565	3x	9x
2330	2x	10x	2390	2x	10x	2450	2x	10x	2510	2x	10x	2570	2x	10x
2335	1x	11x	2395	1x	11x	2455	1x	11x	2515	1x	11x	2575	1x	11x

H [mm]	h6	h7	H [mm]	h7	h8	H [mm]	h8	h9	H [mm]	h9	h10
2580	h6	h7	2640	h7	h8	2700	h8	h9	2760	h9	h10
2585	11x	1x	2645	11x	1x	2705	11x	1x	2765	11x	1x
2590	10x	2x	2650	10x	2x	2710	10x	2x	2770	10x	2x
2595	9x	3x	2655	9x	3x	2715	9x	3x	2775	9x	3x
2600	8x	4x	2660	8x	4x	2720	8x	4x	2780	8x	4x
2605	7x	5x	2665	7x	5x	2725	7x	5x	2785	7x	5x
2610	6x	6x	2670	6x	6x	2730	6x	6x	2790	6x	6x
2615	5x	7x	2675	5x	7x	2735	5x	7x	2795	5x	7x
2620	4x	8x	2680	4x	8x	2740	4x	8x	2800	4x	8x
2625	3x	9x	2685	3x	9x	2745	3x	9x	2805	3x	9x
2630	2x	10x	2690	2x	10x	2750	2x	10x	2810	2x	10x
2635	1x	11x	2695	1x	11x	2755	1x	11x	2815	1x	11x
									2820		12x



Technical drawing of a staircase section. It shows a series of steps with a vertical height 'H' indicated by a dimension line on the left. The first step's height is labeled 'h1'.

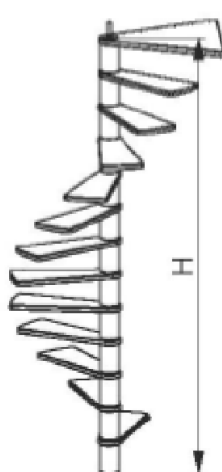
Technical drawing of a cylindrical component. A circular inset shows a screwdriver. The component has three labels: 'ST01a 4X' pointing to the top edge, 'ST01' pointing to the side, and 'ST01b 1X' pointing to the bottom edge.

	h	ST1a	ST1b
h1	190 mm	0x	0x
h2	195 mm	1x	0x
h3	200 mm	2x	0x
h4	205 mm	3x	0x
h5	210 mm	4x	0x
h6	215 mm	0x	1x
h7	220 mm	1x	1x
h8	225 mm	2x	1x
h9	230 mm	3x	1x
h10	235 mm	4x	1x

10 marches et 1 plateforme

H [mm]	h1	h2	H [mm]	h2	h3	H [mm]	h3	h4	H [mm]	h4	h5	H [mm]	h5	h6
2090	11x		2145	11x		2200	11x		2255	11x		2310	11x	
2095	10x	1x	2150	10x	1x	2205	10x	1x	2260	10x	1x	2315	10x	1x
2100	9x	2x	2155	9x	2x	2210	9x	2x	2265	9x	2x	2320	9x	2x
2105	8x	3x	2160	8x	3x	2215	8x	3x	2270	8x	3x	2325	8x	3x
2110	7x	4x	2165	7x	4x	2220	7x	4x	2275	7x	4x	2330	7x	4x
2115	6x	5x	2170	6x	5x	2225	6x	5x	2280	6x	5x	2335	6x	5x
2120	5x	6x	2175	5x	6x	2230	5x	6x	2285	5x	6x	2340	5x	6x
2125	4x	7x	2180	4x	7x	2235	4x	7x	2290	4x	7x	2345	4x	7x
2130	3x	8x	2185	3x	8x	2240	3x	8x	2295	3x	8x	2350	3x	8x
2135	2x	9x	2190	2x	9x	2245	2x	9x	2300	2x	9x	2355	2x	9x
2140	1x	10x	2195	1x	10x	2250	1x	10x	2305	1x	10x	2360	1x	10x

H [mm]	h6	h7	H [mm]	h7	h8	H [mm]	h8	h9	H [mm]	h9	h10
2365	11x		2420	11x		2475	11x		2530	11x	
2370	h6	h7	2425	h7	h8	2480	h8	h9	2535	h9	h10
2375	9x	2x	2430	9x	2x	2485	9x	2x	2540	9x	2x
2380	8x	3x	2435	8x	3x	2490	8x	3x	2545	8x	3x
2385	7x	4x	2440	7x	4x	2495	7x	4x	2550	7x	4x
2390	6x	5x	2445	6x	5x	2500	6x	5x	2555	6x	5x
2395	5x	6x	2450	5x	6x	2505	5x	6x	2560	5x	6x
2400	4x	7x	2455	4x	7x	2510	4x	7x	2565	4x	7x
2405	3x	8x	2460	3x	8x	2515	3x	8x	2570	3x	8x
2410	2x	9x	2465	2x	9x	2520	2x	9x	2575	2x	9x
2415	1x	10x	2470	1x	10x	2525	1x	10x	2580	1x	10x
									2585		11x



Technical drawing of a staircase showing the height h of the steps.

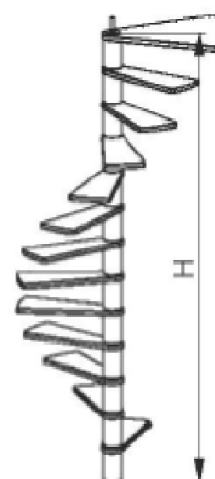
Technical drawing of a staircase showing the height h of the steps and the height of the steps h .

	h	ST1a	ST1b
h1	190 mm	0x	0x
h2	195 mm	1x	0x
h3	200 mm	2x	0x
h4	205 mm	3x	0x
h5	210 mm	4x	0x
h6	215 mm	0x	1x
h7	220 mm	1x	1x
h8	225 mm	2x	1x
h9	230 mm	3x	1x
h10	235 mm	4x	1x

9 marches et 1 plateforme

H [mm]	h1	h2	H [mm]	h2	h3	H [mm]	h3	h4	H [mm]	h4	h5	H [mm]	h5	h6
1900	10x		1950	10x		2000	10x		2050	10x		2100	10x	
1905	9x	1x	1955	9x	1x	2005	9x	1x	2055	9x	1x	2105	9x	1x
1910	8x	2x	1960	8x	2x	2010	8x	2x	2060	8x	2x	2110	8x	2x
1915	7x	3x	1965	7x	3x	2015	7x	3x	2065	7x	3x	2115	7x	3x
1920	6x	4x	1970	6x	4x	2020	6x	4x	2070	6x	4x	2120	6x	4x
1925	5x	5x	1975	5x	5x	2025	5x	5x	2075	5x	5x	2125	5x	5x
1930	4x	6x	1980	4x	6x	2030	4x	6x	2080	4x	6x	2130	4x	6x
1935	3x	7x	1985	3x	7x	2035	3x	7x	2085	3x	7x	2135	3x	7x
1940	2x	8x	1990	2x	8x	2040	2x	8x	2090	2x	8x	2140	2x	8x
1945	1x	9x	1995	1x	9x	2045	1x	9x	2095	1x	9x	2145	1x	9x

H [mm]	h6	h7	H [mm]	h7	h8	H [mm]	h8	h9	H [mm]	h9	h10
2150	10x		2200	10x		2250	10x		2300	10x	
2155	h6	h7	2205	h7	h8	2255	h8	h9	2305	h9	h10
2160	8x	2x	2210	8x	2x	2260	8x	2x	2310	8x	2x
2165	7x	3x	2215	7x	3x	2265	7x	3x	2315	7x	3x
2170	6x	4x	2220	6x	4x	2270	6x	4x	2320	6x	4x
2175	5x	5x	2225	5x	5x	2275	5x	5x	2325	5x	5x
2180	4x	6x	2230	4x	6x	2280	4x	6x	2330	4x	6x
2185	3x	7x	2235	3x	7x	2285	3x	7x	2335	3x	7x
2190	2x	8x	2240	2x	8x	2290	2x	8x	2340	2x	8x
2195	1x	9x	2245	1x	9x	2295	1x	9x	2345	1x	9x
									2350		10x



	h	ST1a	ST1b
h1	190 mm	0x	0x
h2	195 mm	1x	0x
h3	200 mm	2x	0x
h4	205 mm	3x	0x
h5	210 mm	4x	0x
h6	215 mm	0x	1x
h7	220 mm	1x	1x
h8	225 mm	2x	1x
h9	230 mm	3x	1x
h10	235 mm	4x	1x

8 marches et 1 plateforme

H [mm]	h1	h2
1710	9x	
1715	8x	1x
1720	7x	2x
1725	6x	3x
1730	5x	4x
1735	4x	5x
1740	3x	6x
1745	2x	7x
1750	1x	8x

H [mm]	h2	h3
1755	9x	
1760	8x	1x
1765	7x	2x
1770	6x	3x
1775	5x	4x
1780	4x	5x
1785	3x	6x
1790	2x	7x
1795	1x	8x

H [mm]	h3	h4
1800	9x	
1805	8x	1x
1810	7x	2x
1815	6x	3x
1820	5x	4x
1825	4x	5x
1830	3x	6x
1835	2x	7x
1840	1x	8x

H [mm]	h4	h5
1845	9x	
1850	8x	1x
1855	7x	2x
1860	6x	3x
1865	5x	4x
1870	4x	5x
1875	3x	6x
1880	2x	7x
1885	1x	8x

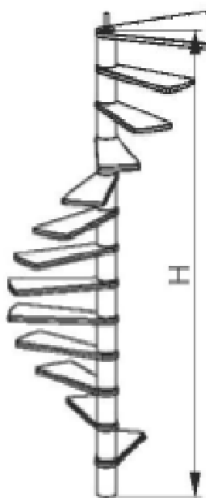
H [mm]	h5	h6
1890	9x	
1895	8x	1x
1900	7x	2x
1905	6x	3x
1910	5x	4x
1915	4x	5x
1920	3x	6x
1925	2x	7x
1930	1x	8x

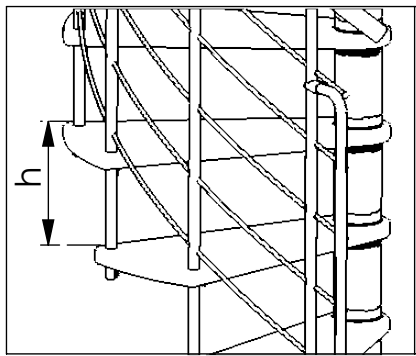
H [mm]	h6	h7
1935	9x	
1940	8x	1x
1945	7x	2x
1950	6x	3x
1955	5x	4x
1960	4x	5x
1965	3x	6x
1970	2x	7x
1975	1x	8x

H [mm]	h7	h8
1980	9x	
1985	8x	1x
1990	7x	2x
1995	6x	3x
2000	5x	4x
2005	4x	5x
2010	3x	6x
2015	2x	7x
2020	1x	8x

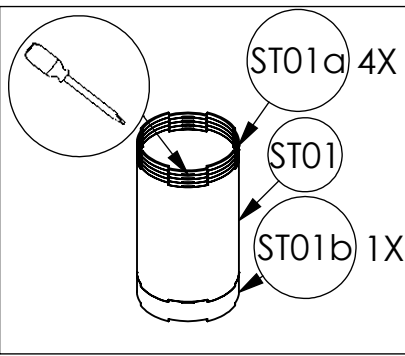
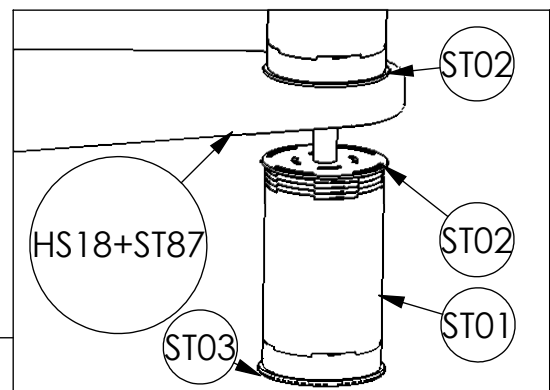
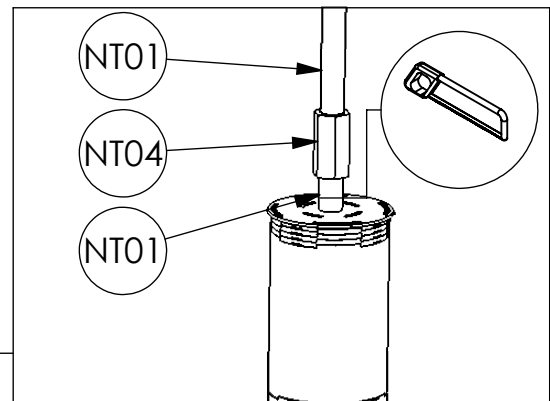
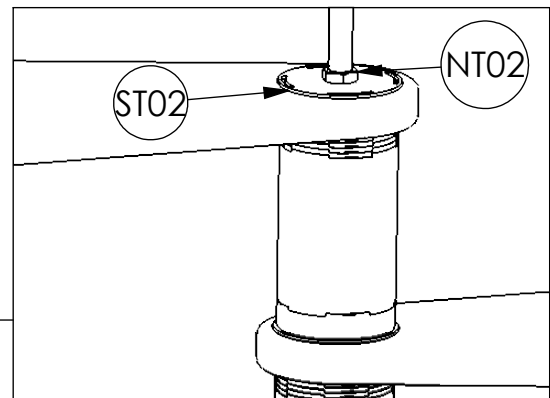
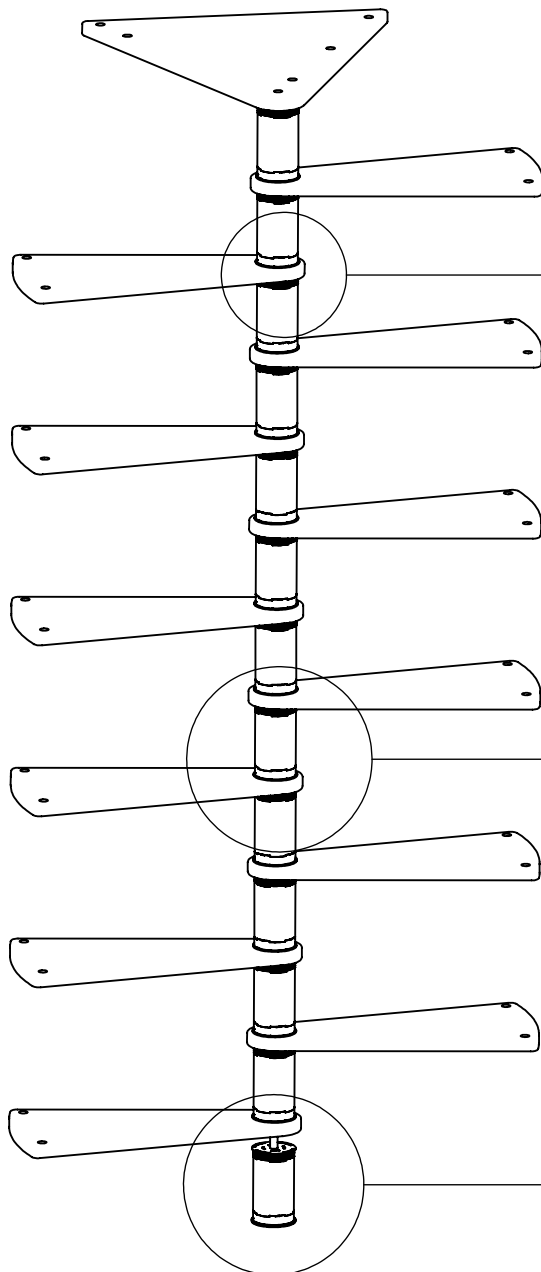
H [mm]	h8	h9
2025	9x	
2030	8x	1x
2035	7x	2x
2040	6x	3x
2045	5x	4x
2050	4x	5x
2055	3x	6x
2060	2x	7x
2065	1x	8x

H [mm]	h9	h10
2070	9x	
2075	8x	1x
2080	7x	2x
2085	6x	3x
2090	5x	4x
2095	4x	5x
2100	3x	6x
2105	2x	7x
2110	1x	8x
2115		9x

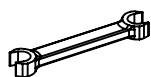




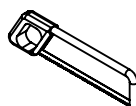
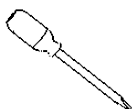
	h	ST1a	ST1b
h1	190 mm	0x	0x
h2	195 mm	1x	0x
h3	200 mm	2x	0x
h4	205 mm	3x	0x
h5	210 mm	4x	0x
h6	215 mm	0x	1x
h7	220 mm	1x	1x
h8	225 mm	2x	1x
h9	230 mm	3x	1x
h10	235 mm	4x	1x

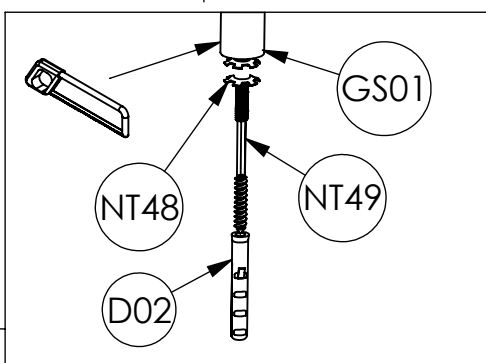
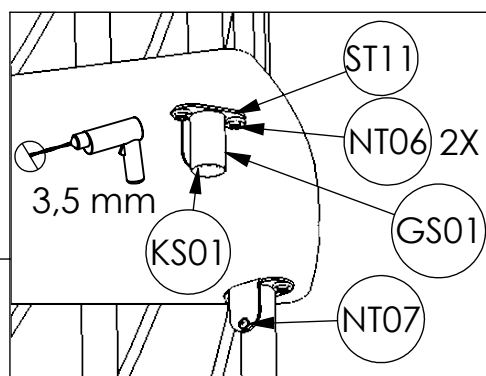
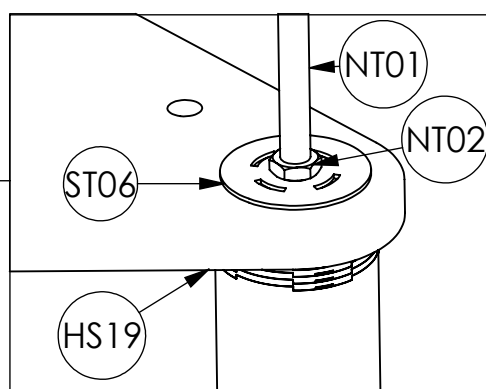
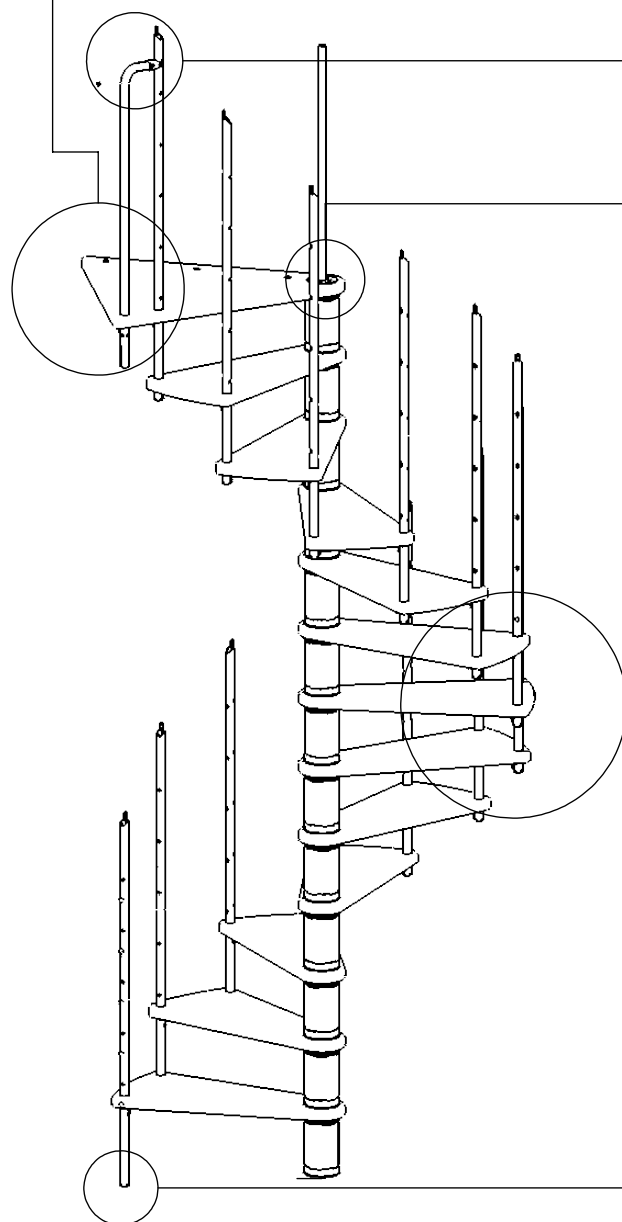
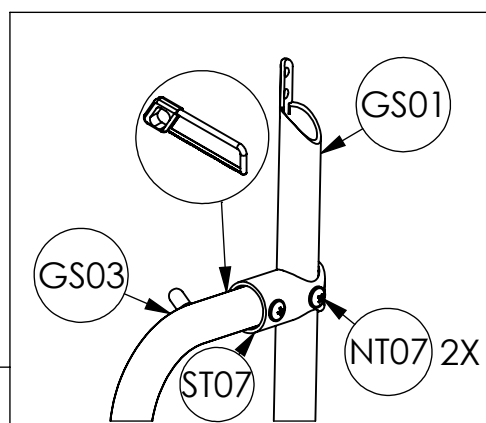
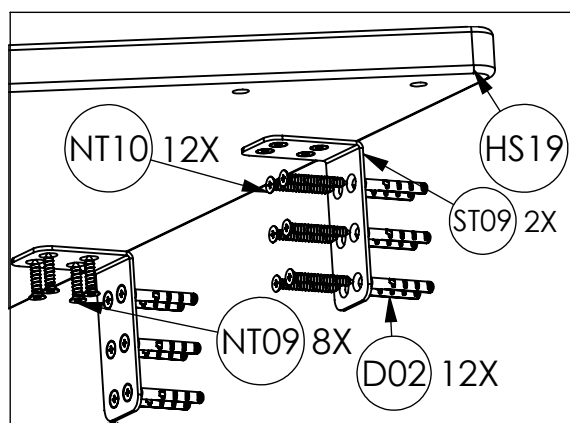



10

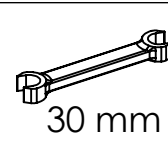
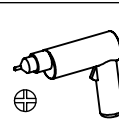
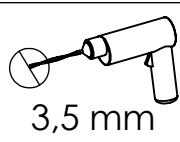
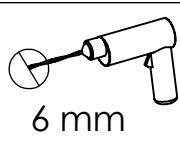
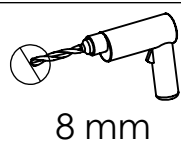


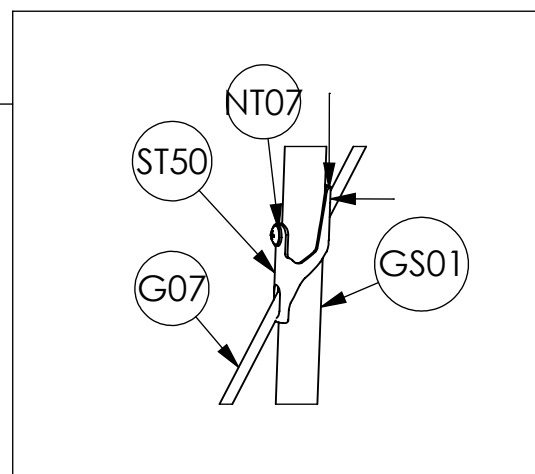
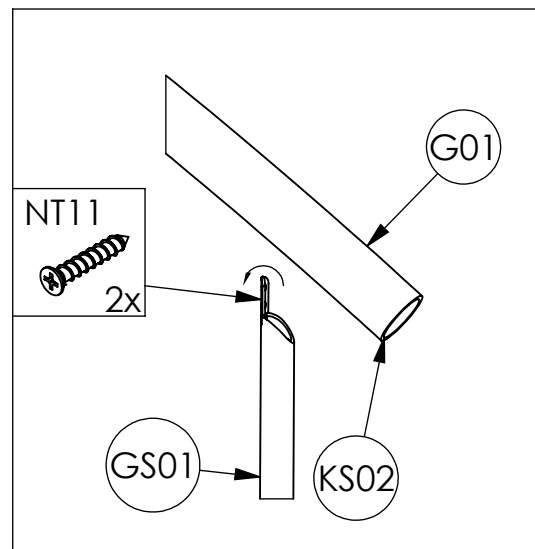
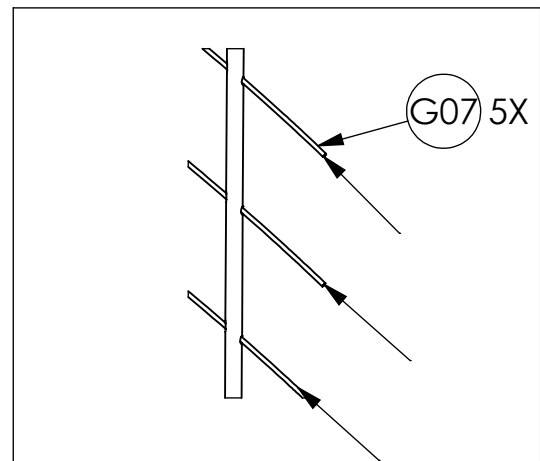
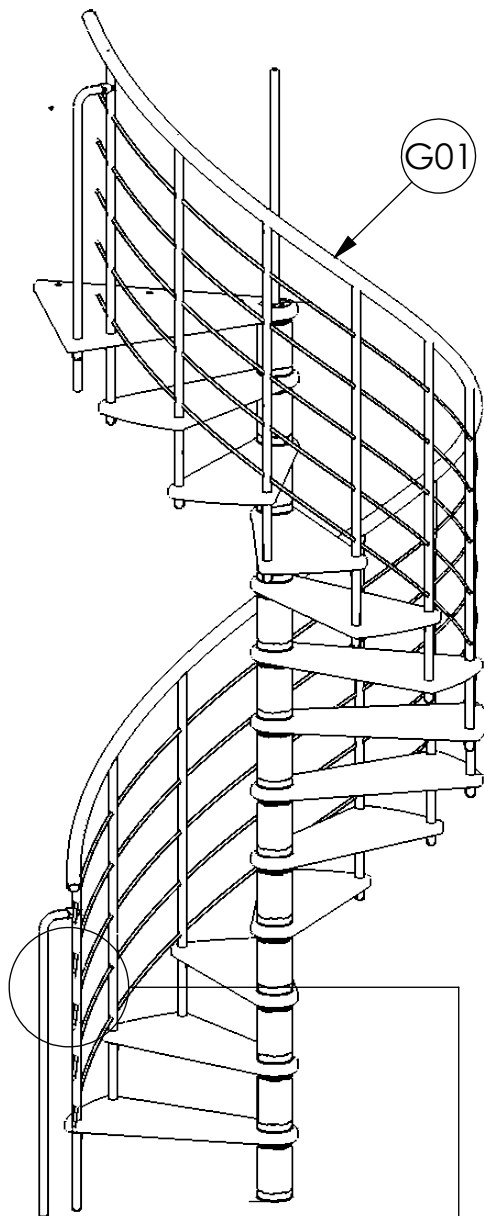
30 mm



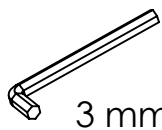


11

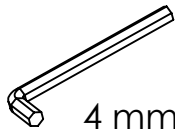




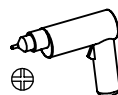
12

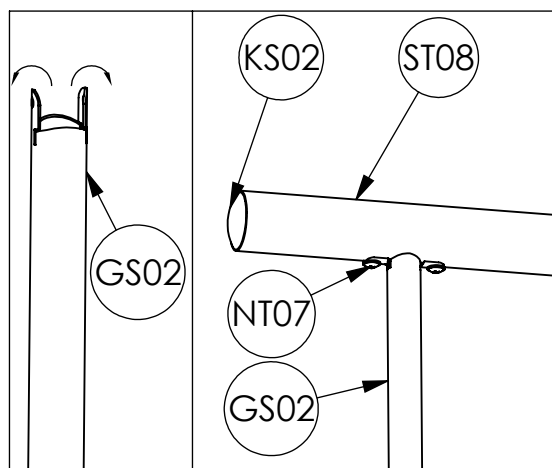


3 mm

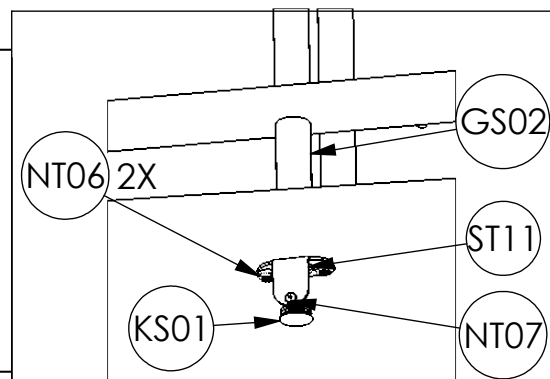
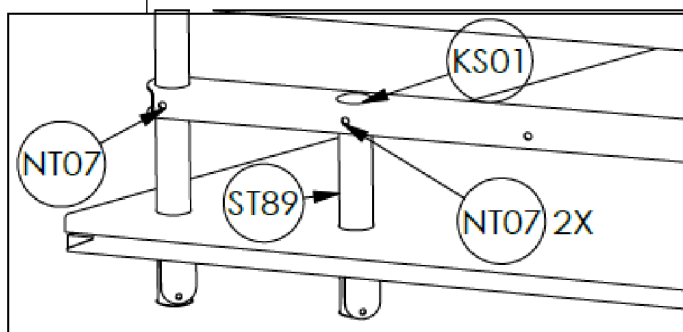
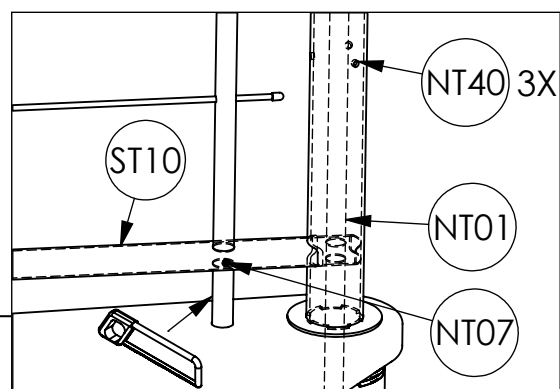
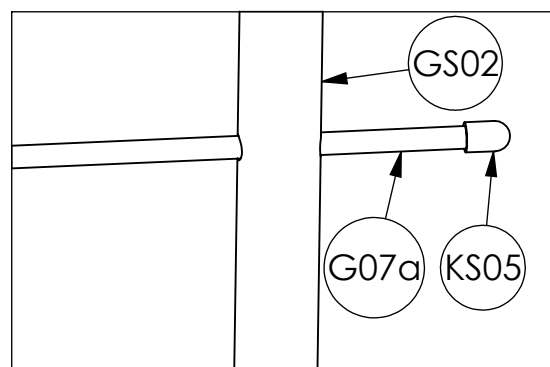
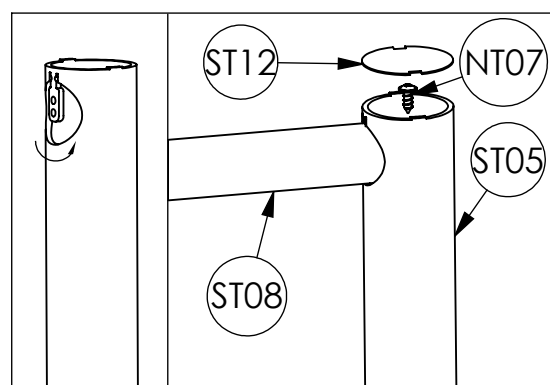


4 mm

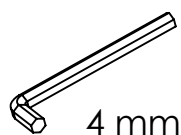




Ne montez pas la main courante avant d'avoir terminé les pages 14 et 15 des instructions de montage.



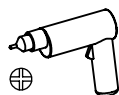
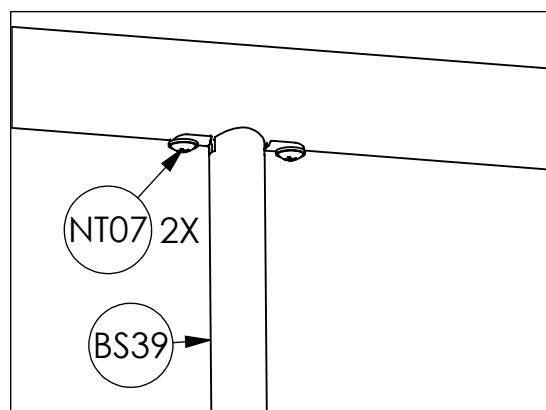
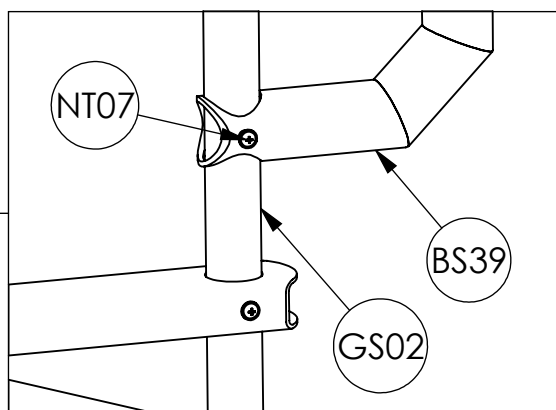
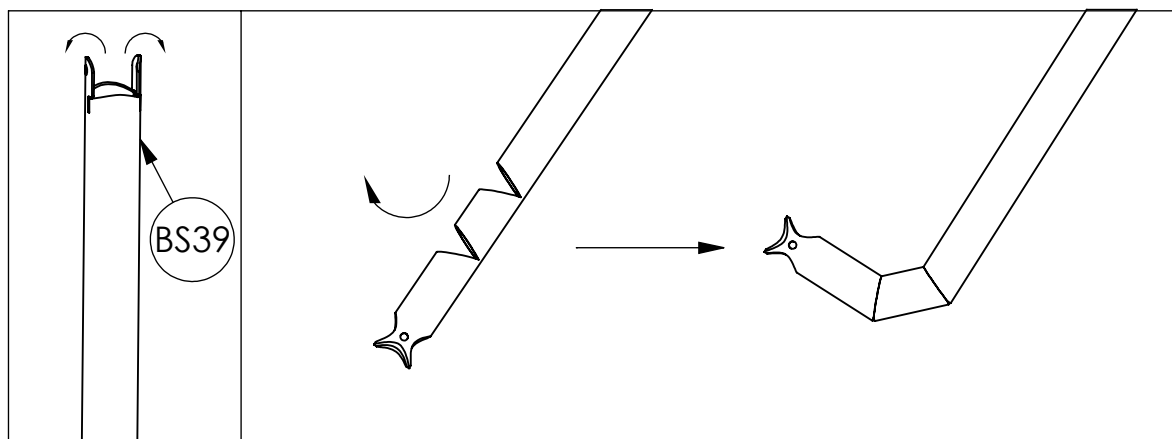
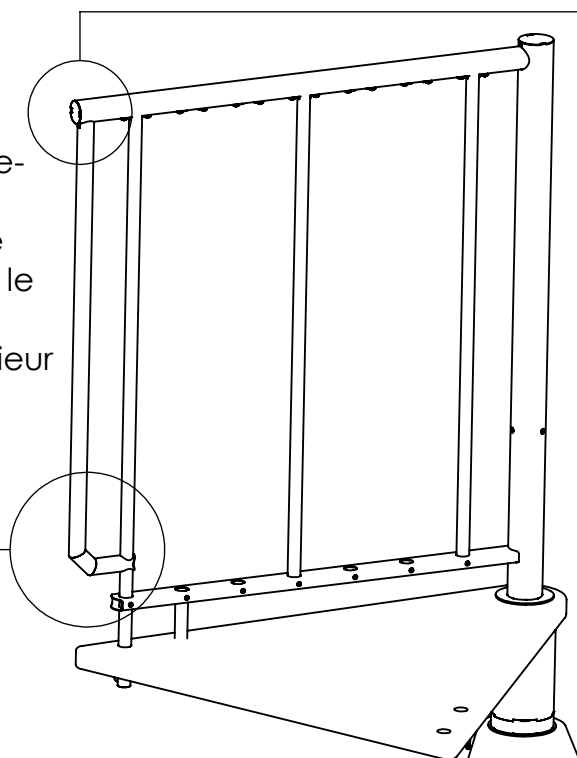
13



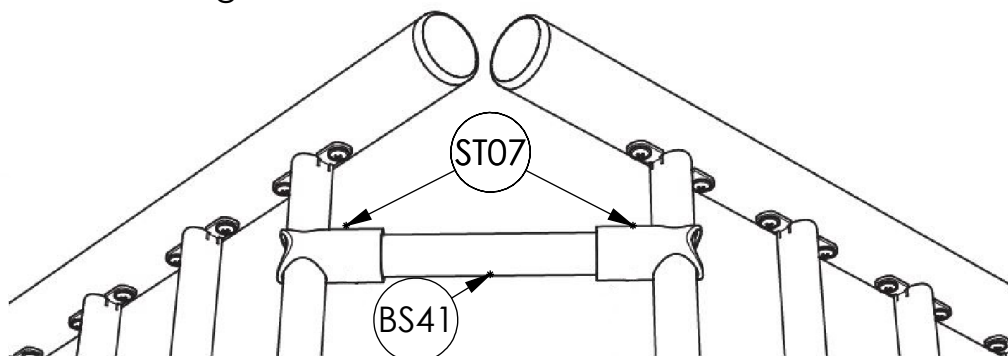
4 mm

OPTION

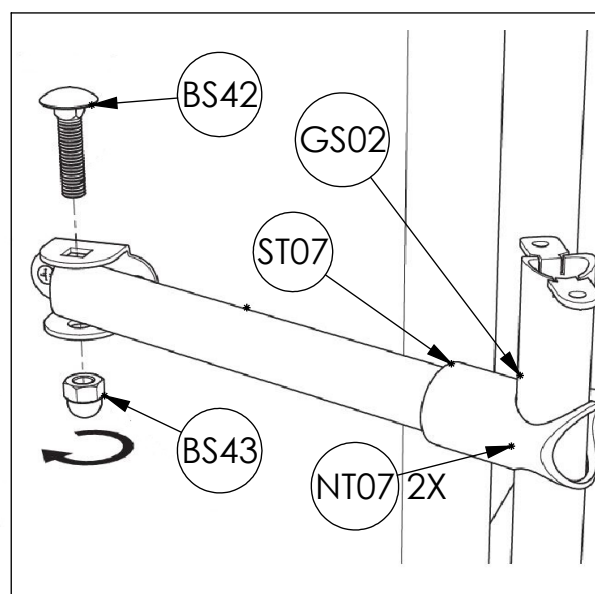
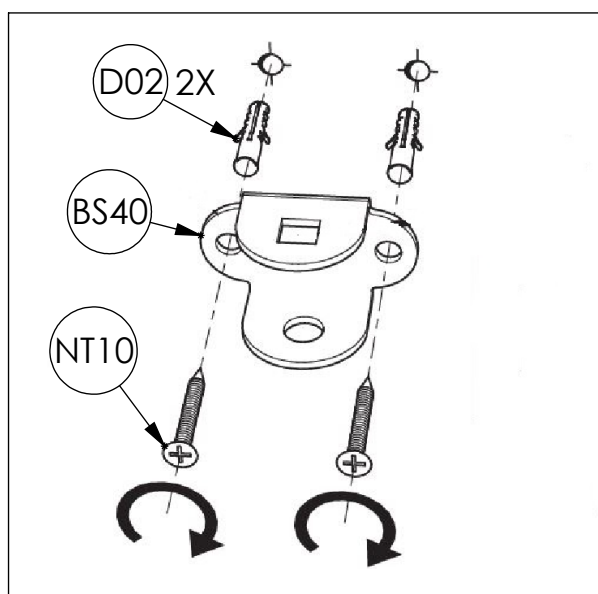
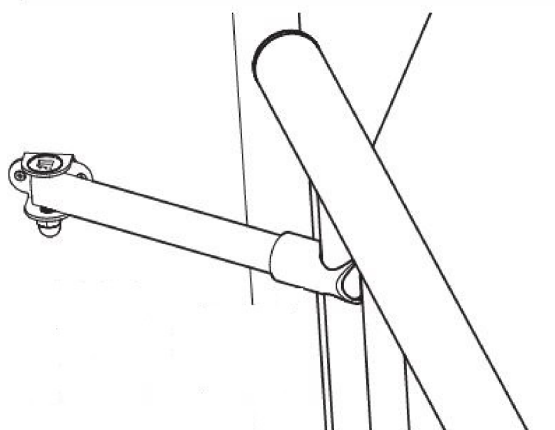
Extension de garde-corps requise si l'écartement entre dernier barreau et le mur ou balustrade attenante est supérieur à 110mm



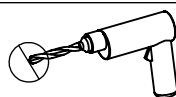
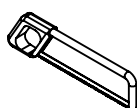
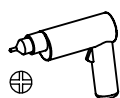
Montage en renforcement de deux balustrades



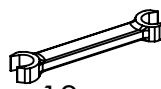
Montage standard:



15

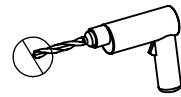


8 mm

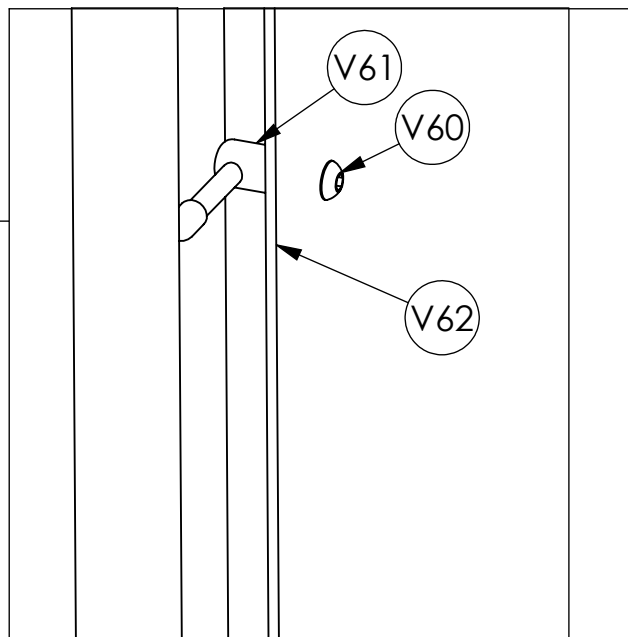
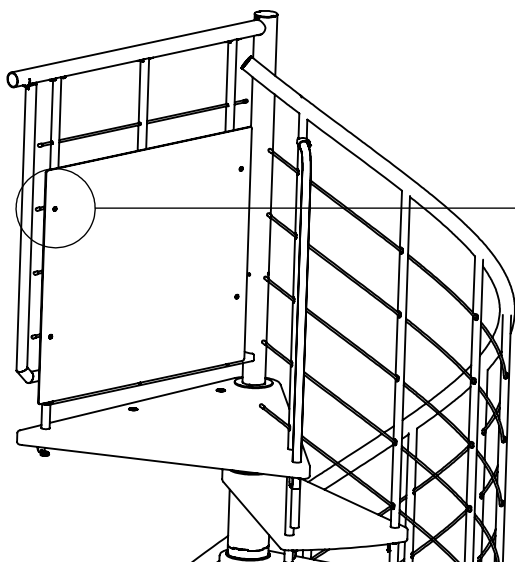
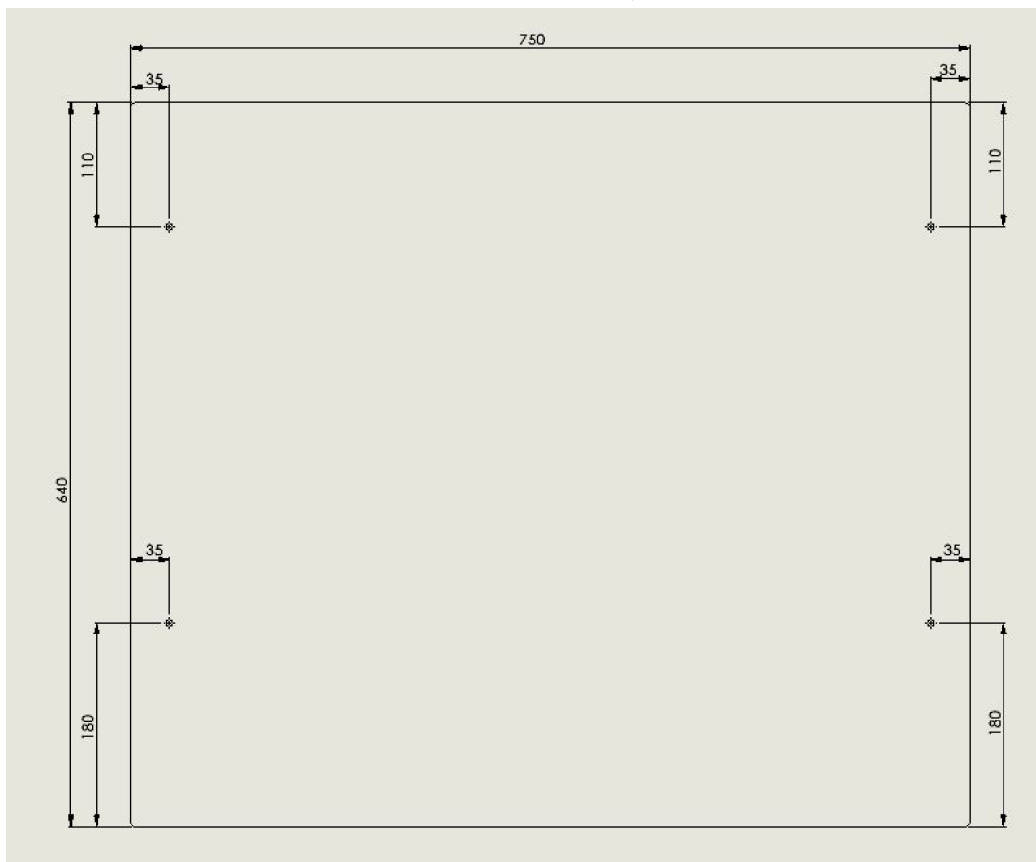


13 mm

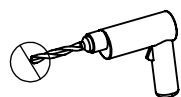
V62



Ø6,5 mm



16



Ø6,5 mm