

> LTH30 RF

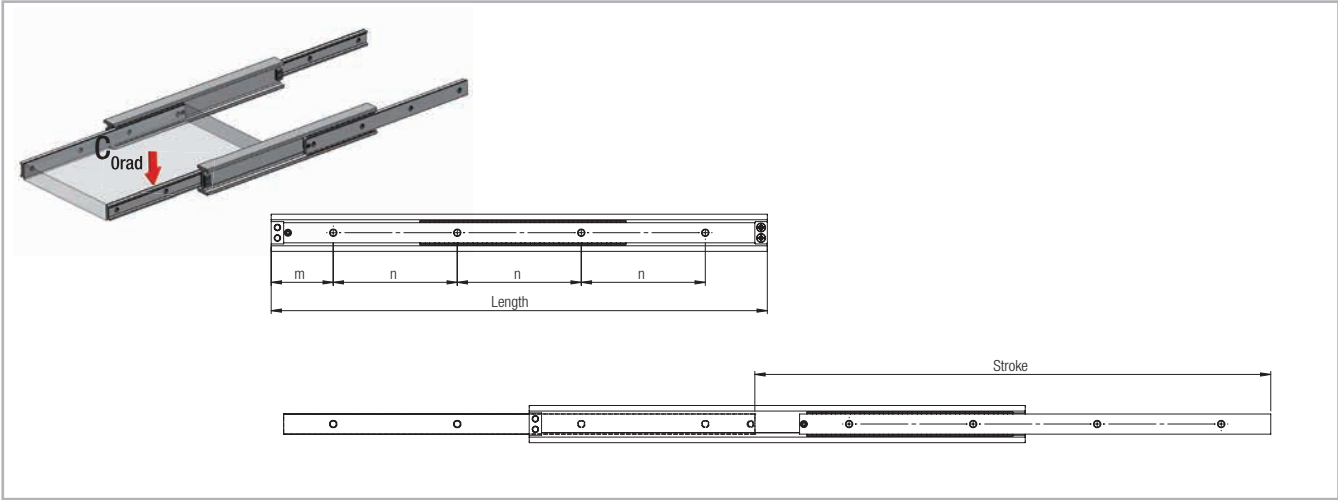


Fig. 42

Type	Size	Length	Stroke	Load capacity per pair		m	n	Number of holes
		L [mm]	H [mm]	C _{0rad} [N]	C _{0ax} [N]	[mm]	[mm]	
LTH	30	250	285	404	on request	25	100	3
		300	323	1008		50		
		350	377	1042		25		4
		400	416	1136		50		
		450	485	1164		25		5
		500	523	1470		50		
		550	577	1464		25		6
		600	615	1402		50		
		650	685	1230		25		7
		700	723	1186		50		
		750	777	1100		25		8
		800	815	1066		50		
		850	884	962		25		9
		900	923	936		50		
		950	977	882		25		10
		1000	1015	858		50		
		1050	1084	792		25		11
		1100	1123	772		50		
		1150	1176	736		25		12
		1200	1215	720		50		

Tab. 19

LTH30 KF

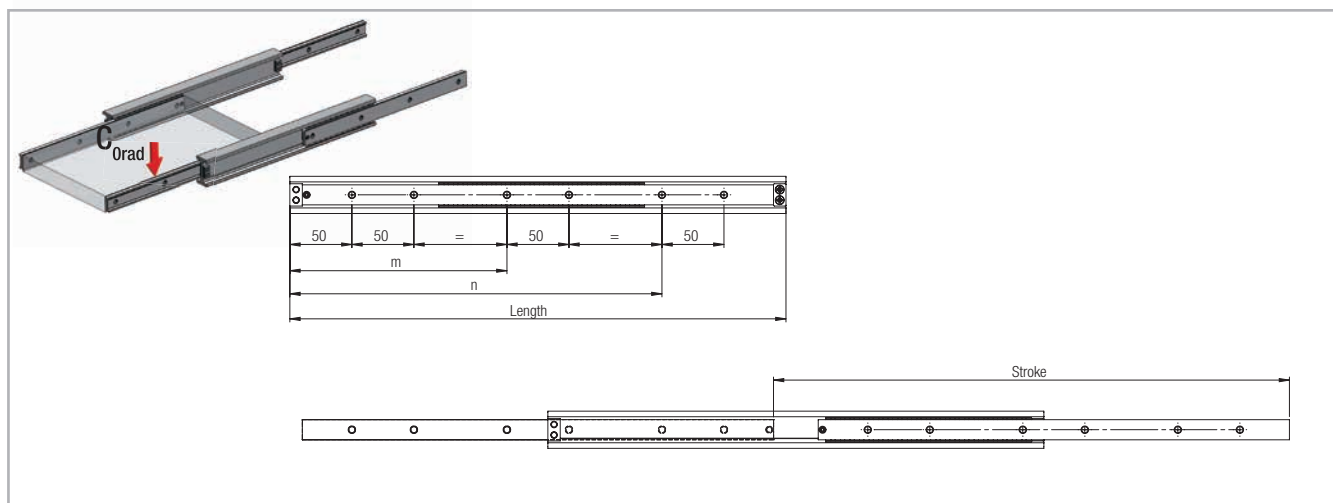


Fig. 43

Type	Size	Length	Stroke	Load capacity per pair		m	n	Number of holes
		L [mm]	H [mm]	C _{0rad} [N]	C _{0ax} [N]	[mm]	[mm]	
LTH	30	250	285	404	on request	-	150	4
		300	323	1008			200	
		350	377	1042			250	
		400	416	1136		175	300	6
		450	485	1164		200	350	
		500	523	1470		225	400	
		550	577	1464		250	450	
		600	615	1402		275	500	
		650	685	1230		300	550	
		700	723	1186		325	600	
		750	777	1100		350	650	
		800	815	1066		375	700	
		850	884	962		400	750	
		900	923	936		425	800	
		950	977	882		450	850	
		1000	1015	858		475	900	
		1050	1084	792		500	950	
		1100	1123	772		525	1000	
		1150	1176	736		550	1050	
		1200	1215	720		575	1100	

Tab. 20

> LTH30 S

... S version with reinforced and dampened end stops made of stainless steel

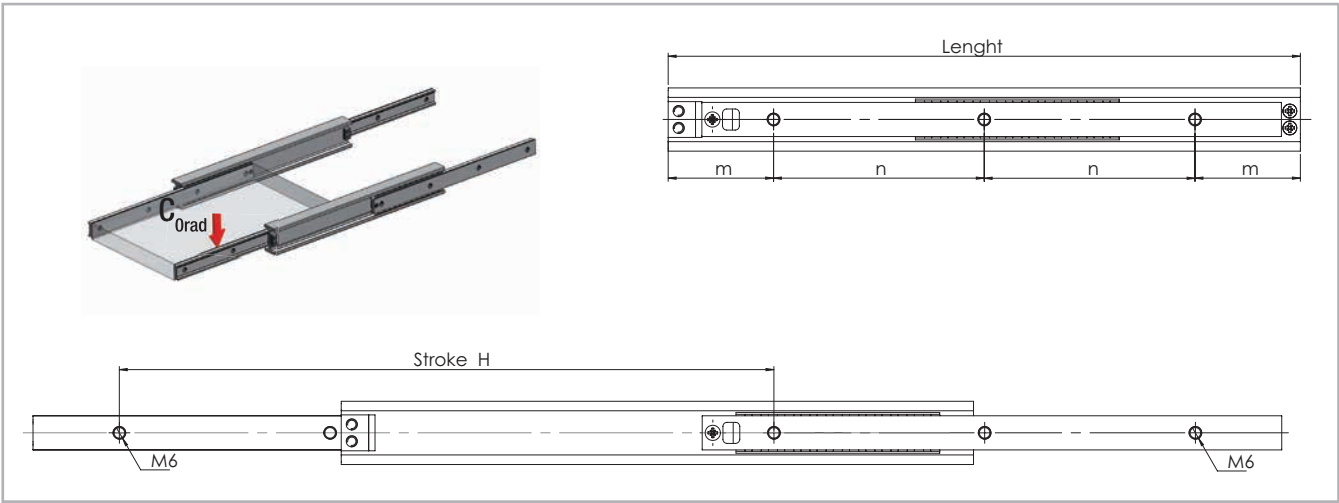


Fig. 44

Type	Size	Length L [mm]	Stroke H [mm]	Load capacity per pair		m [mm]	n [mm]	Number of holes
				C _{0rad} [N]	C _{0ax} [N]			
LTH...S	30	300	310	816	on request	50	100	3
		350	364	880		75		4
		400	402	994		50		5
		450	472	1032		75		6
		500	510	1330		50		7
		550	564	1498		75		8
		600	618	1392		50		9
		650	671	1276		75		10
		700	725	1178		50		11
		750	764	1138		75		12
		800	817	1060		50		
		850	871	992		75		
		900	925	932		50		
		950	979	878		75		
		1000	1017	856		50		
		1050	1071	810		75		
		1100	1109	790		50		
		1150	1179	732		75		
		1200	1217	718		50		

Tab. 21

> LTH45 RF

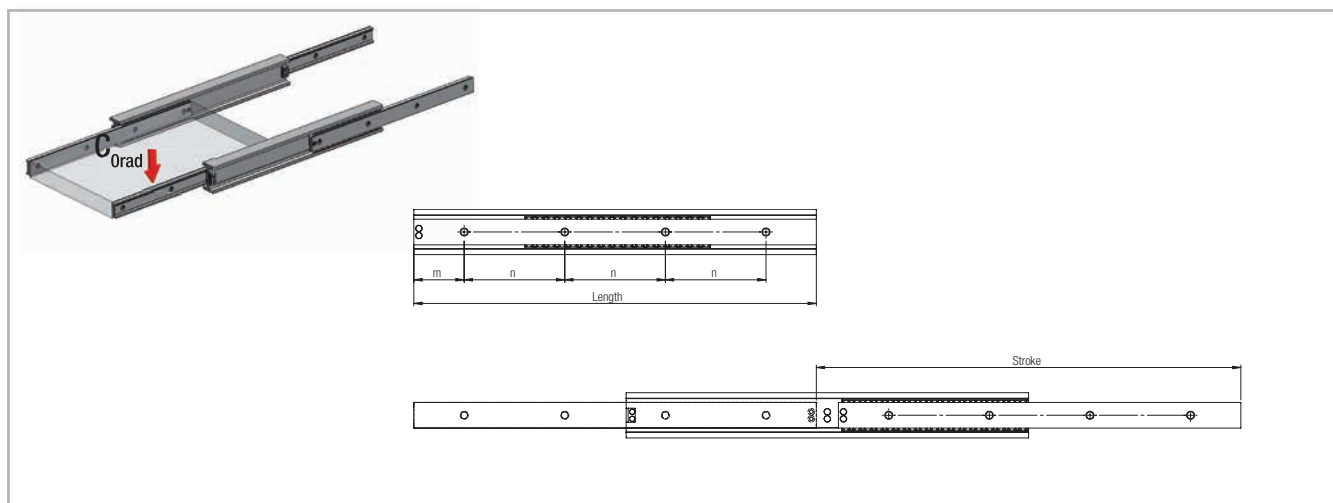


Fig. 45

Type	Size	Length L [mm]	Stroke H [mm]	Load capacity per pair		m [mm]	n [mm]	Number of holes
				C_{Orad} [N]	C_{Oax} [N]			
LTH	45	250	276	2610	on request	25	100	3
		300	310	2824		50		3
		350	388	2820		25		4
		400	422	2842		50		4
		450	478	2864		25		5
		500	512	2900		50		5
		550	590	2764		25		6
		600	624	3032		50		6
		650	680	3252		25		7
		700	714	3346		50		7
		750	770	3084		25		8
		800	826	2860		50		8
		850	882	2666		25		9
		900	916	2614		50		9
		950	972	2450		25		10
		1000	1028	2306		50		10
		1050	1084	2178		25		11
		1100	1118	2144		50		11
		1150	1174	2034		25		12
		1200	1230	1934		50		12
		1250	1286	1842		25		13
		1300	1320	1818		50		13
		1350	1376	1738		25		14
		1400	1410	1716		50		14
		1450	1488	1596		25		15
		1500	1522	1578		50		15

Tab. 22

> LTH45 KF

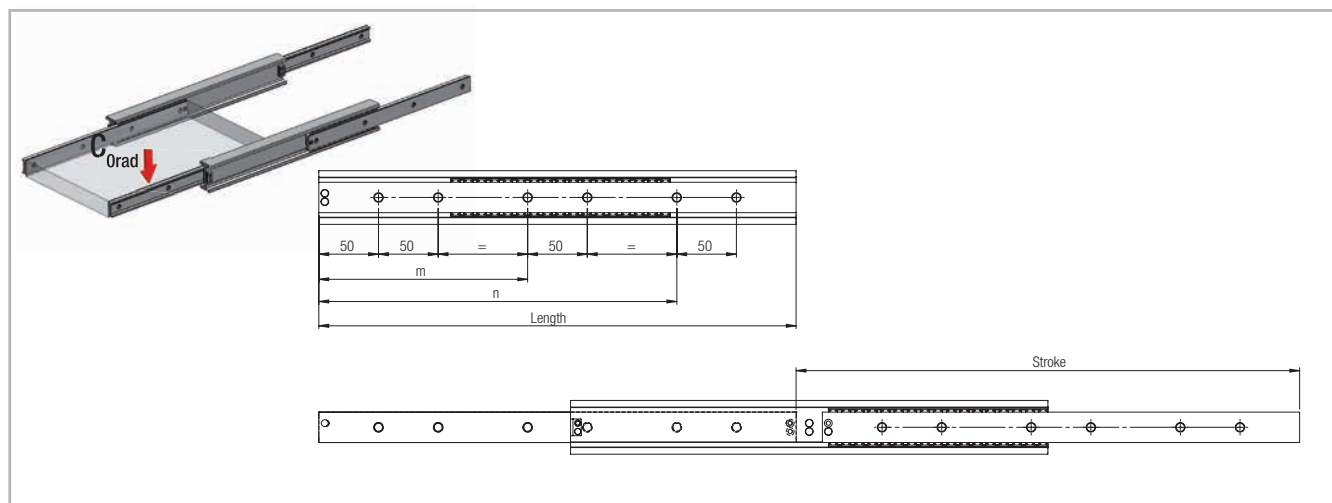


Fig. 46

Type	Size	Length L [mm]	Stroke H [mm]	Load capacity per pair		m [mm]	n [mm]	Number of holes
				C_{0rad} [N]	C_{0ax} [N]			
LTH	45	250	276	2610	on request	-	150	4
		300	310	2824			200	
		350	388	2820			250	
		400	422	2842		175	300	6
		450	478	2864		200	350	
		500	512	2900		225	400	
		550	590	2764		250	450	
		600	624	3032		275	500	
		650	680	3252		300	550	
		700	714	3346		325	600	
		750	770	3084		350	650	
		800	826	2860		375	700	
		850	882	2666		400	750	
		900	916	2614		425	800	
		950	972	2450		450	850	
		1000	1028	2306		475	900	
		1050	1084	2178		500	950	
		1100	1118	2144		525	1000	
		1150	1174	2034		550	1050	
		1200	1230	1934		575	1100	
		1250	1286	1842		600	1150	
		1300	1320	1818		625	1200	
		1350	1376	1738		650	1250	
		1400	1410	1716		675	1300	
		1450	1488	1596		700	1350	
		1500	1522	1578		725	1400	

> LTH45 S

... S version with reinforced and dampened end stops made of stainless steel

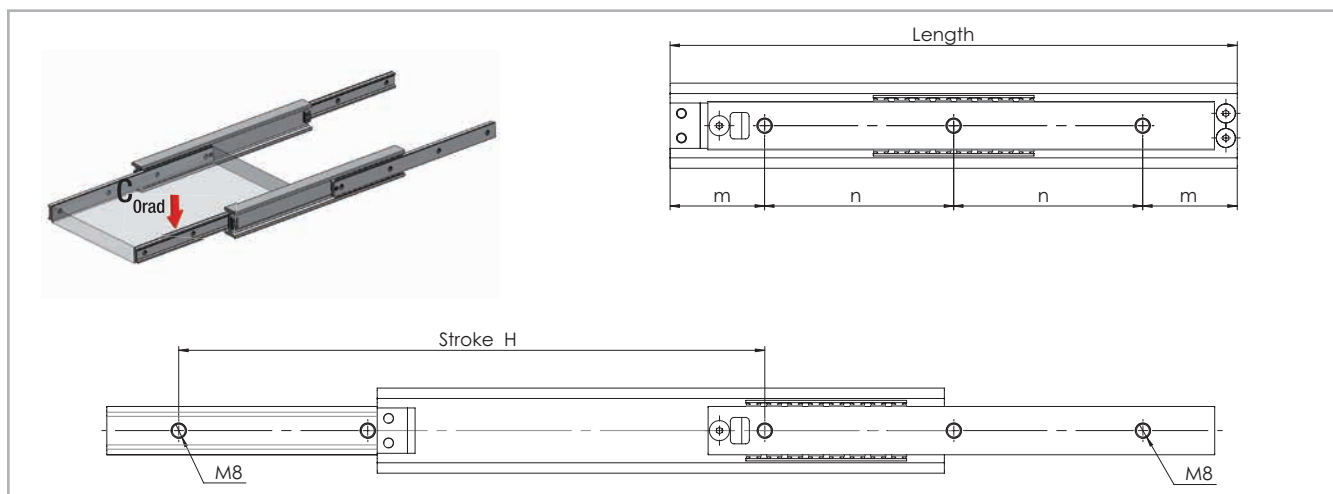
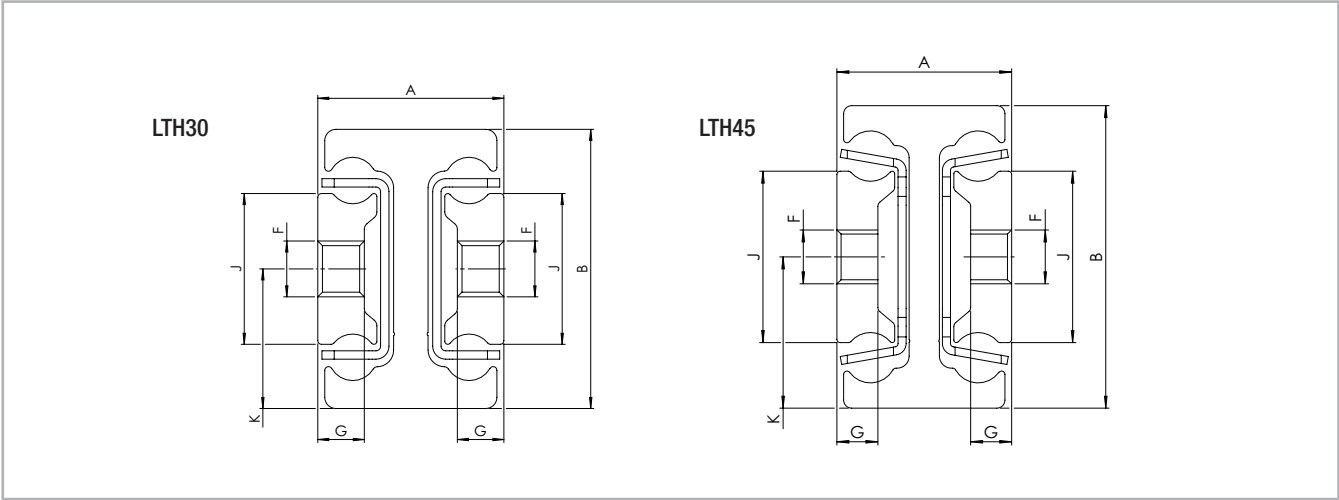


Fig. 47

Type	Size	Length L [mm]	Stroke H [mm]	Load capacity per pair		m [mm]	n [mm]	Number of holes
				C_{0rad} [N]	C_{0ax} [N]			
LTH...S	45	300	310	1316	on request	50	100	3
		350	366	1832		75		
		400	422	1666		50		4
		450	456	2154		75		
		500	512	1972		50		5
		550	568	2200		75		
		600	624	2204		50		6
		650	680	2426		75		
		700	714	2942		50		7
		750	770	3084		75		
		800	826	2860		50		8
		850	882	2666		75		
		900	916	2614		50		9
		950	972	2450		75		
		1000	1028	2306		50		10
		1050	1084	2178		75		
		1100	1118	2144		50		11
		1150	1174	2034		75		
		1200	1230	1934		50		12
		1250	1286	1842		75		
		1300	1320	1818		50		13
		1350	1376	1738		75		
		1400	1410	1716		50		14
		1450	1488	1596		75		
		1500	1522	1578		50		15

Tab. 24

> LTH



All dimensions are indicated in mm

Fig. 48

Type	Size	A	B	J	G	K	F	Weight per single guide [kg/m]
LTH	30	20	30	16.2	5.0	15.0	M6	3.5
	45	26	45	25.5	6.1	22.5	M8	6.0

Tab. 25

> LTH Special strokes

Special strokes are defined as deviations from standard stroke.
They are each available as multiples of the values in tab. 26.
These values are dependent on the spacing of the ballcage.

Type	Size	Stroke modification [mm]
LTH	30	15,4
	45	22

Tab. 26

Each stroke modification influences the load capacities stated in the catalogue. For more information please contact Rollon technical support.