

# TELESCOPIC RAIL LIGHT



**ROLLCO**

SPECIALIZED  
ON LINEAR MOTION

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**CLIMATE  
COMPENSATED  
PAPER**



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## Product Overview

In this catalogue, we present our range of standard telescopic rails. They are intended for small and medium loads. The extension is 100% of the closed length and some have up to 140% extension. Please note that the values given in this catalogue are valid for evenly distributed loads.

The telescopic rails are available in different materials. We recommend rolled steel for smaller loads and cold drawn steel or aluminium for medium loads. Zinc-plated version is available for special applications. Lithium based grease is used for lubrication.

All slides in this catalogue are “off-the-shelf” products for quick delivery. In case of large quantities, you can take advantage of a cost saving production method that makes it possible to assemble an economical customised solution. Please contact us for a proposal.

## Performance Characteristics

- Loads from 26 kg/pair to 340 kg/pair.
- Extensions from 300 mm up to 1500 mm.
- Aluminium, steel or stainless steel.
- Zinc-plated version.
- Operating temperatures up to 80° C (for higher temperatures, contact Rollco).

## Selecting Guide

There are some factors to consider when selecting a telescopic rail. If you have any questions, please don't hesitate to contact us. We will help you to find the right solution for your application.

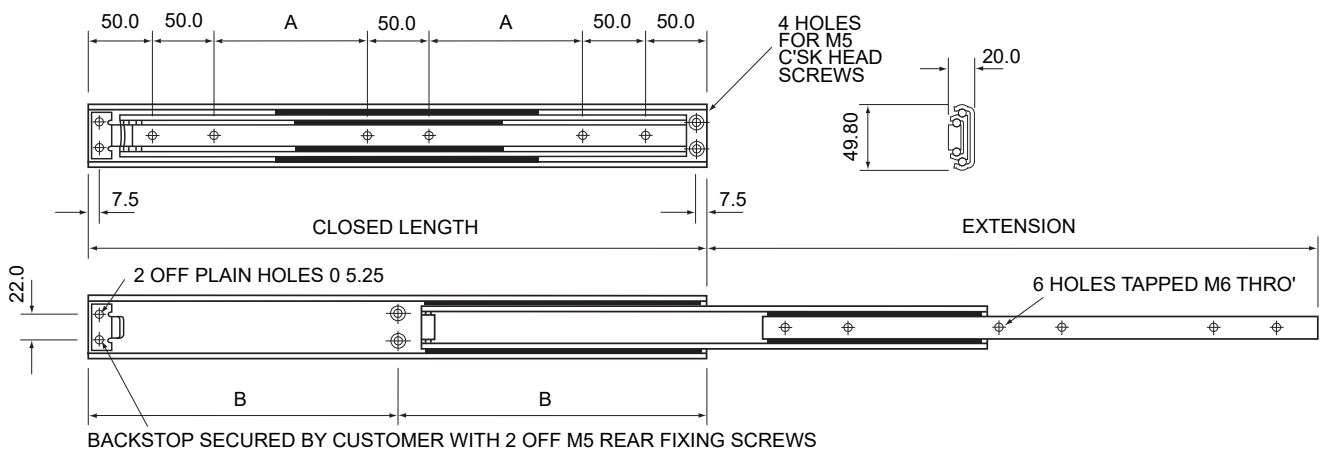
- What is the load of the unit?
- Will your unit be exposed for side loads?
- Is the distance between the pair of slides very large (> two times the closed length of the slides)?
- Do you need 100% extension?
- Is it a horizontal movement?
- Service unit with limited amount of movements or telescopic solution for automation with a large quantity of movements/day?

## Customised Telescopic Rails

We also offer a wide variety of customised telescopic slides to meet specific requirements such as for example heavier loads, longer or shorter movements and extensions from 0 to over 300%. For applications, which need very high stiffness we recommend telescopic rails made from hardened bearing steel like DSS, DE, ASN and DBN. Other special materials or surface treatments are also available. Furthermore we can provide solutions for vertical movements, automation etc.

Please contact us for more information or see our catalogue for Telescopic Rail Heavy..

# 5030 - 100% Extension

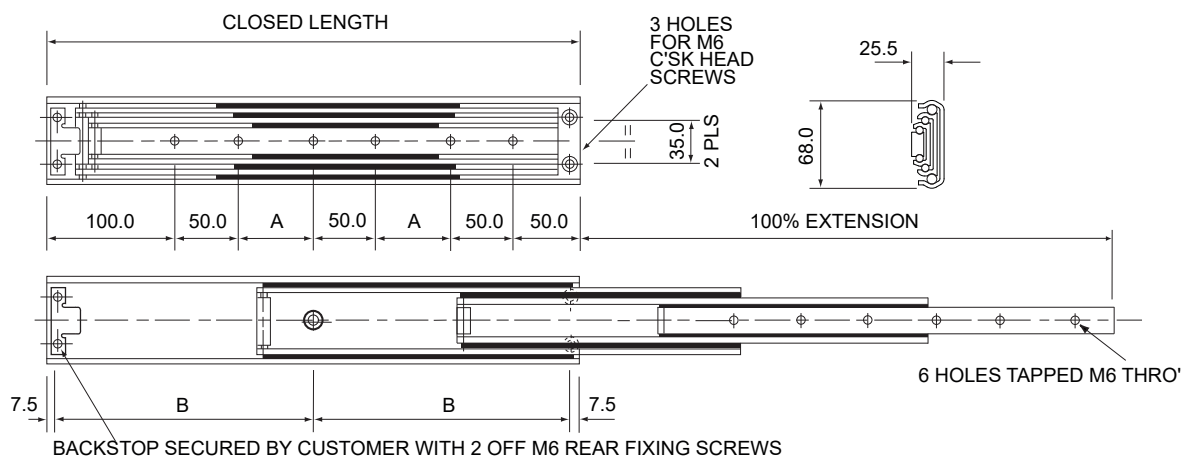


All dimensions in mm.

Article No.	Closed length	Extension length	A	B	No. of fixing holes	Load/pair (N)
5030-300	300	300	*	150	4	1900
5030-350	350	350	50	175	6	1830
5030-400	400	400	75	200	6	1750
5030-450	450	450	100	225	6	1650
5030-500	500	500	125	250	6	1550
5030-550	550	550	150	275	6	1450
5030-600	600	600	175	300	6	1370
5030-650	650	650	200	325	6	1250
5030-700	700	700	225	350	6	1180
5030-750	750	750	250	375	6	1050
5030-800	800	800	275	400	6	950
5030-850	850	850	300	425	6	830
5030-900	900	900	325	450	6	720
5030-950	950	950	350	475	6	600
5030-1000	1000	1000	375	500	6	500

\* Outer beam: 2 holes in both ends.

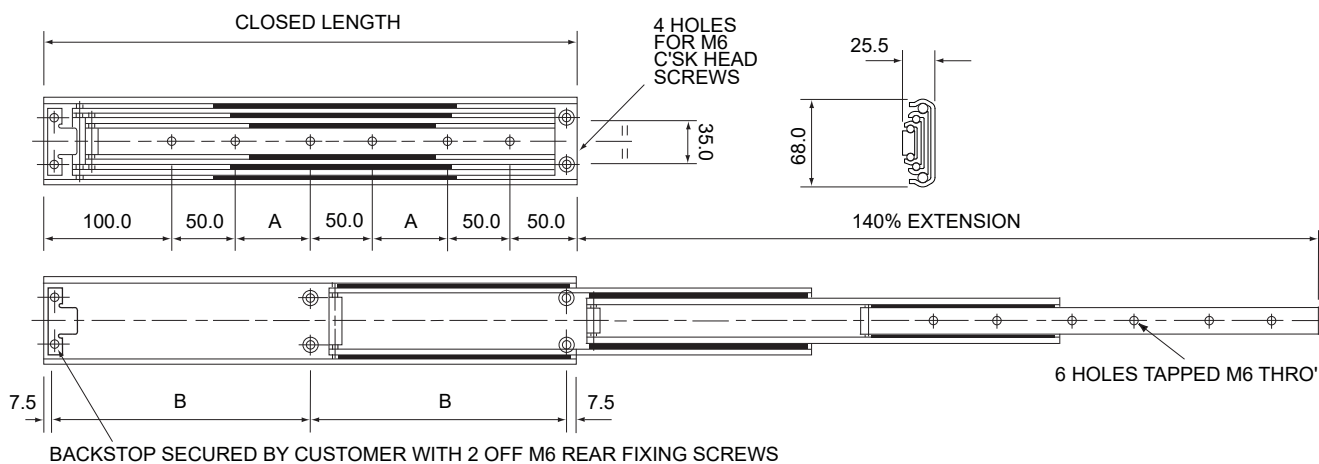
# 5040 - 100% Extension



All dimensions in mm.

Article No.	Closed length	Extension length	A	B	No. of fixing holes	Load/pair (N)
5040-300	300	300	50	142.5	4	2600
5040-350	350	350	25	167.5	6	2570
5040-400	400	400	50	192.5	6	2450
5040-450	450	450	75	217.5	6	2380
5040-500	500	500	100	242.5	6	2300
5040-550	550	550	125	267.5	6	2200
5040-600	600	600	150	292.5	6	2100
5040-650	650	650	175	317.5	6	2000
5040-700	700	700	200	342.5	6	1950
5040-750	750	750	225	367.5	6	1820
5040-800	800	800	250	392.5	6	1780
5040-850	850	850	275	417.5	6	1680
5040-900	900	900	300	442.5	6	1600
5040-950	950	950	325	467.5	6	1500
5040-1000	1000	1000	350	492.5	6	1400

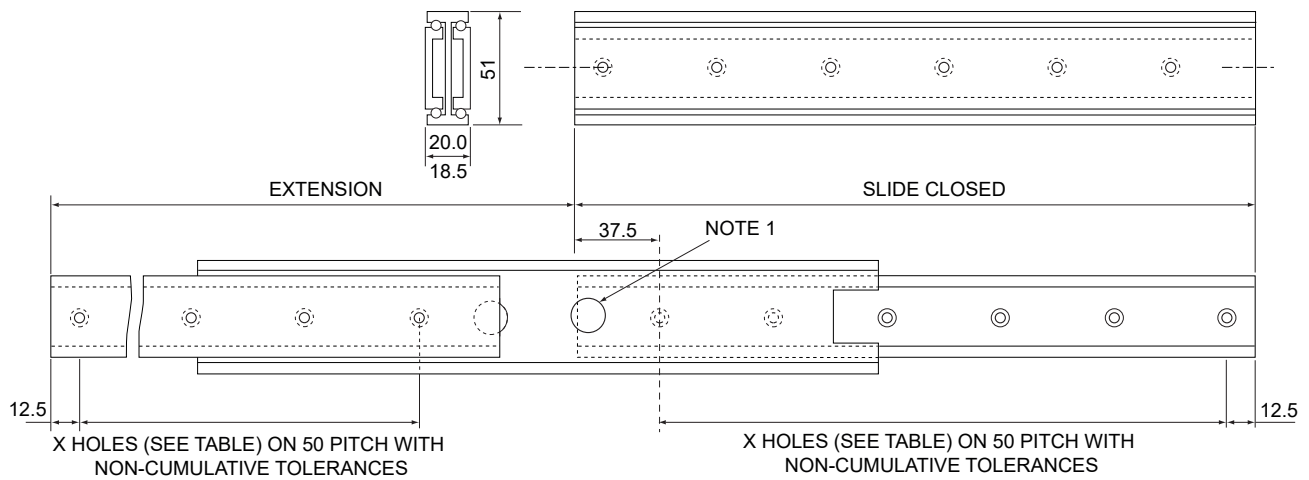
# 5040 - 140% Extension



All dimensions in mm.

Article No.	Closed length	140% Extension length	A	B	No. of fixing holes	Load/pair (N)
5040-300	300	420	50	142.5	4	1700
5040-350	350	490	25	167.5	6	1700
5040-400	400	560	50	192.5	6	1680
5040-450	450	630	75	217.5	6	1630
5040-500	500	700	100	242.5	6	1600
5040-550	550	770	125	267.5	6	1580
5040-600	600	840	150	292.5	6	1560
5040-650	650	910	175	317.5	6	1400
5040-700	700	980	200	342.5	6	1300
5040-750	750	1050	225	367.5	6	1200
5040-800	800	1120	250	392.5	6	1180
5040-850	850	1190	275	417.5	6	1100
5040-900	900	1260	300	442.5	6	1000
5040-950	950	1330	325	467.5	6	900
5040-1000	1000	1400	350	492.5	6	800

## 210 Non Lock - 100% Extension



Note 1: 15 mm dia. holes in centre beam allow easy access to fixing holes. M5 countersunk head screws to BS4183 are recommended for fixing.

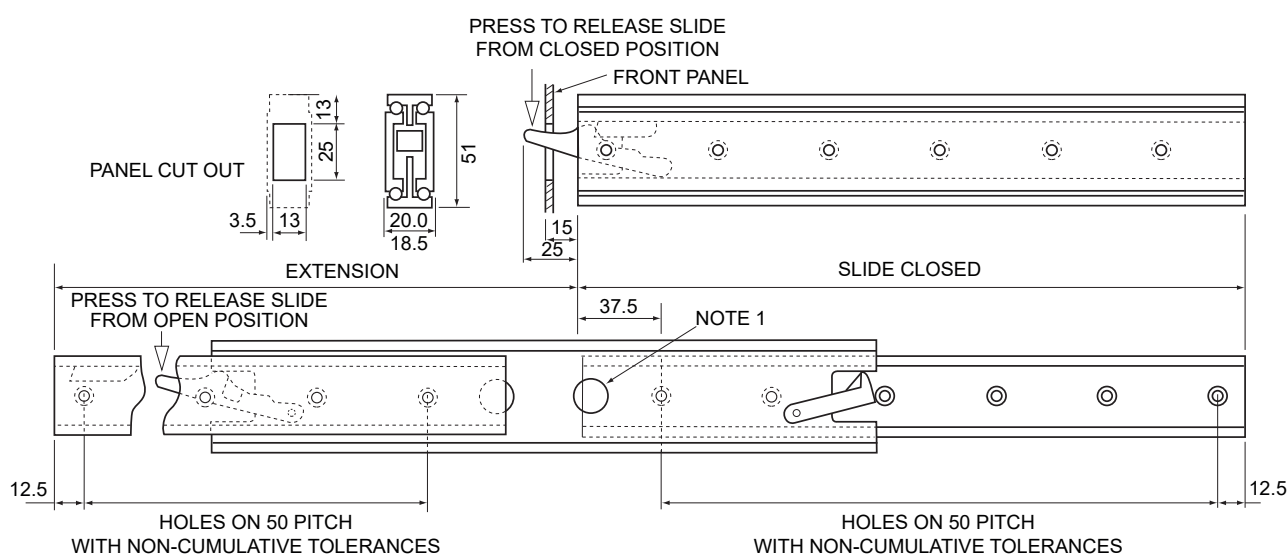
Note 2: Elongated holes should be provided in either the framework or chassis to give adjustment if it is necessary for the panel to fit tight against the framework.

All dimensions in mm.

Article No.	Closed length	Extension length	No. of fixing x-holes	Load/pair (N)
210-300	300	330	6	550
210-350	350	380	7	620
210-400	400	430	8	710
210-450	450	480	9	780
210-500	500	530	10	840
210-550	550	580	11	880
210-600	600	630	12	900



# 220 (Right) & 230 (Left) Lock-in / Lock-out - 100% Extension



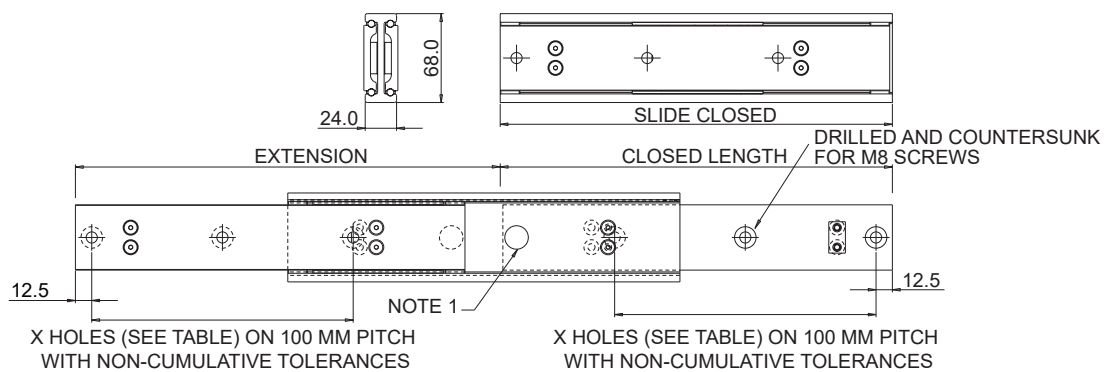
Note 1: 15 mm dia. holes in centre allow easy access to fixing holes. M5 countersunk head screws to BS4183 are recommended for fixing.

Note 2: Elongated holes should be provided in either the framework or chassis to give adjustment if it is necessary for the panel to fit tight against the framework.

All dimensions in mm.

Article No. Right/Left	Closed length	Extension length	No. of fixing holes	Load/pair (N)
220/230-300	300	330	6	550
220/230-350	350	380	7	620
220/230-400	400	430	8	710
220/230-450	450	480	9	780
220/230-500	500	530	10	840
220/230-550	550	580	11	880
220/230-600	600	630	12	900

# 410 - 100% Extension



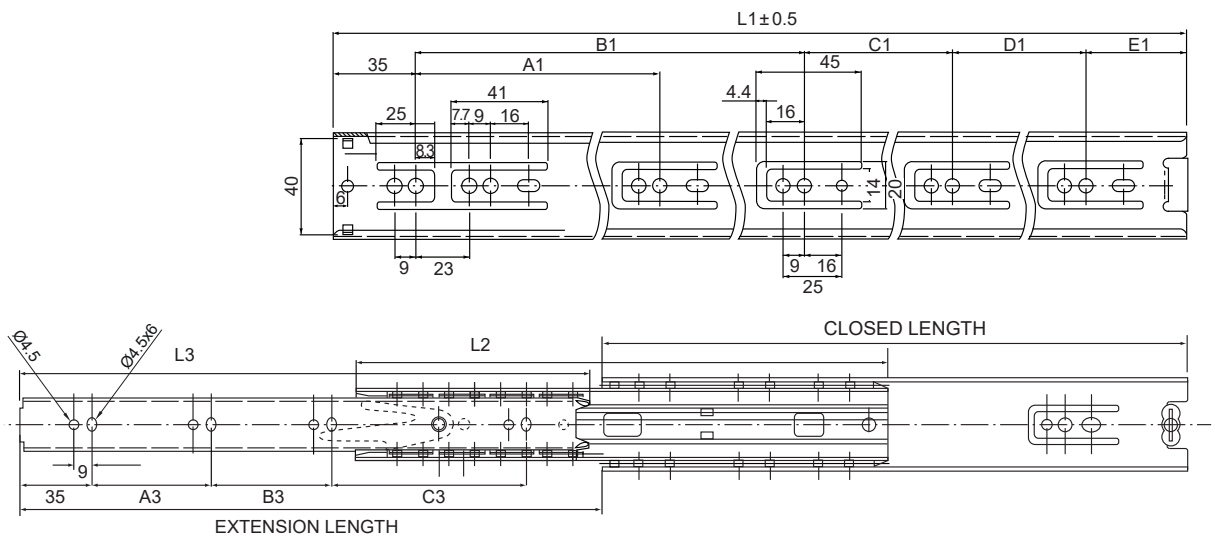
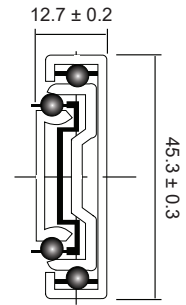
Note 1: 18 mm dia. holes in centre beam allow easy access to fixing holes. M8 countersunk head screws to BS4183 are recommended for fixing.

All dimensions in mm.

Article No.	Closed length	Extension length	No. of fixing x-holes	Load/pair (N)
410-300	300	325	3	2900
410-350*	350	375	4	3000
410-400	400	425	4	3100
410-450*	450	475	5	3200
410-500	500	525	5	3300
410-550*	550	575	6	3400
410-600	600	625	6	3400
410-650*	650	675	7	3300
410-700	700	725	7	3200
410-750*	750	775	8	3100
410-800	800	825	8	3000
410-850*	850	875	9	3000
410-900	900	925	9	2800
410-950*	950	975	10	2700
410-1000	1000	1025	10	2500

\* Available on request

# 3045 - 100% Extension

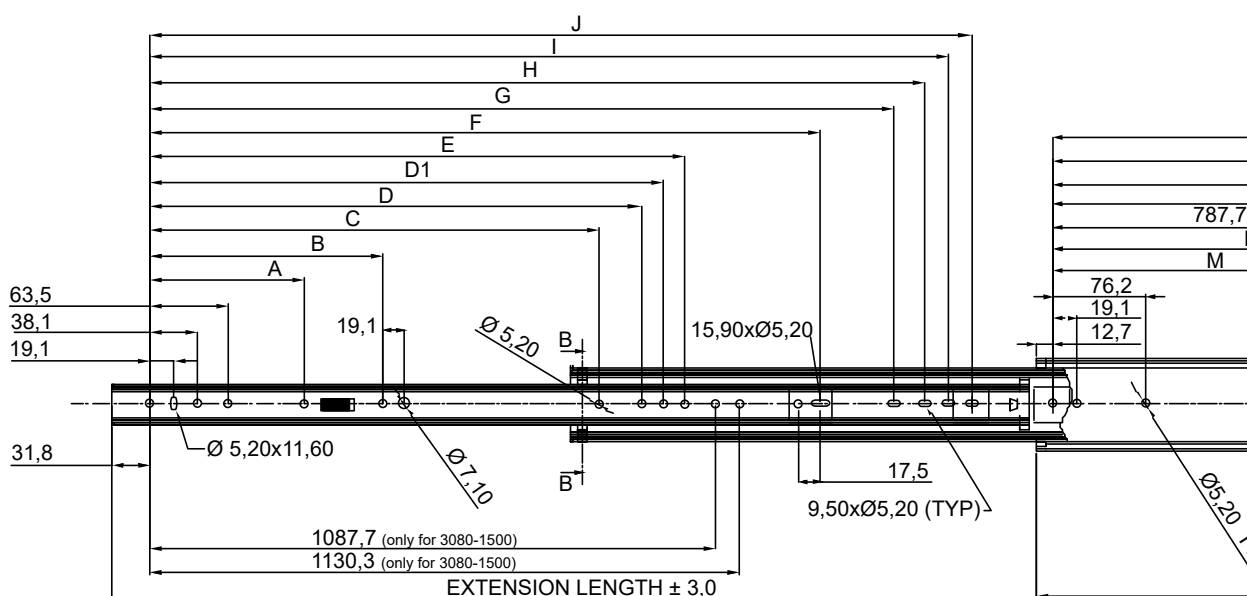


All dimensions in mm.

Article No.	Closed length ± 0.5 mm	Ext. length ± 3 mm	L2	L3	A3	B3	C3	L1	A1	B1	C1	D1	E1	Load/ pair (N)
3045-250	250	254	234	248	96	96	-	250	160	-	-	-	55	450
3045-300	300	305	284	297	96	128	-	300	128	192	-	-	73	450
3045-350	350	356	334	347	96	64	96	350	128	224	-	-	91	450
3045-400	400	406	384	398	96	64	128	400	128	224	96	-	45	450
3045-450	450	457	434	448	96	96	160	450	128	224	128	-	63	450
3045-500	500	508	484	498	96	96	192	500	128	224	128	64	49	400
3045-550	550	558	534	547	96	128	224	550	128	224	128	96	67	360
3045-600	600	609	584	597	96	160	224	600	128	224	128	128	85	320
3045-650	650	660	634	647	96	160	256	650	128	224	128	192	71	290
3045-700	700	711	684	697	96	192	256	700	128	224	128	224	89	260

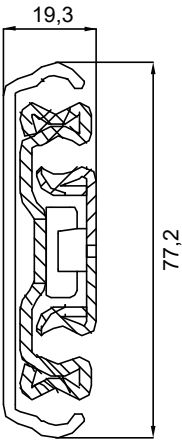
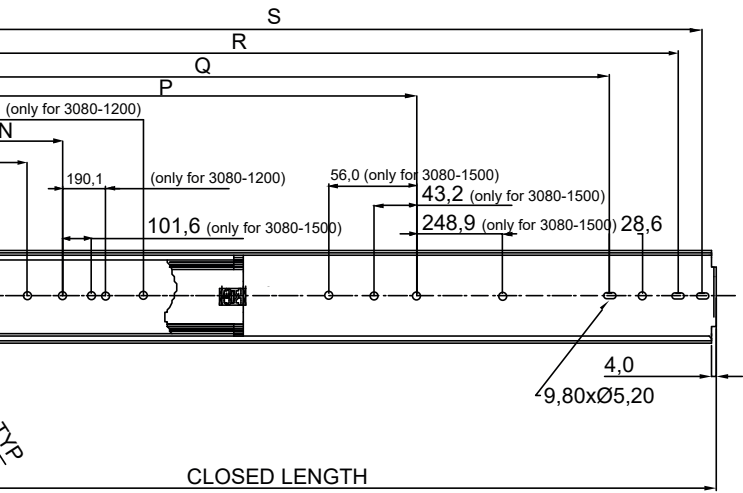
Recommended fastening screws ISO 7380 M4 sliding element, ISO7380 M5 bottom element. If use of other fastening screw for bottom element use max size M5 and make sure the head of the screw fits inside the guide.

# 3080 - 100% Extension



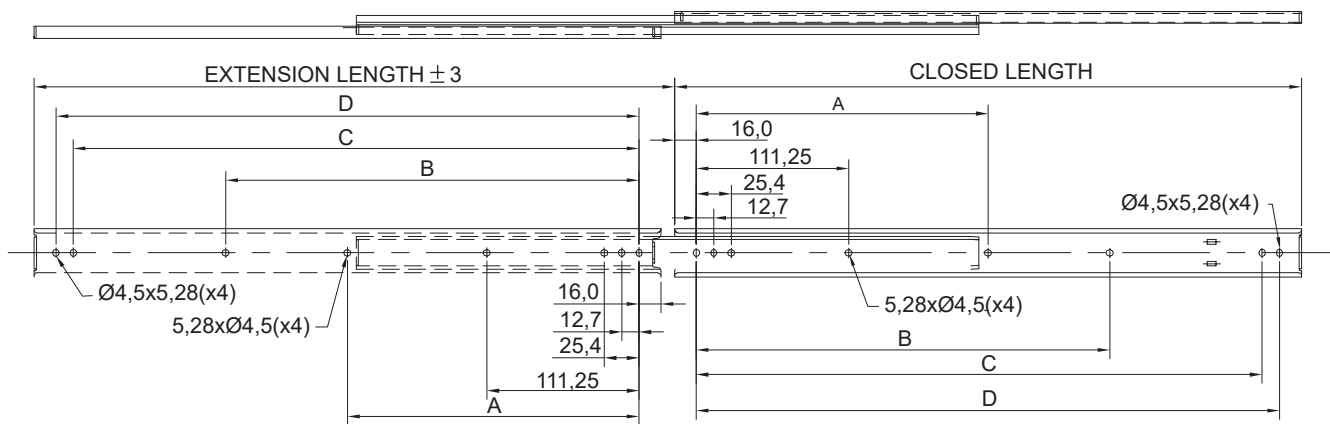
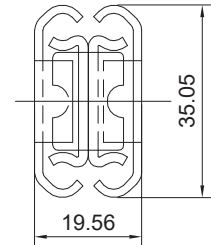
All dimensions in mm.

Article No.	Closed length	Extension length	A	B	C	D	D1	E	F
3080-300	304,8	304,8	-	-	-	-	-	-	-
3080-400	406,4	406,4	127,0	-	-	-	-	-	-
3080-500	508,0	508,0	127,0	190,5	-	-	-	-	296,9
3080-600	609,6	609,6	127,0	190,5	-	-	-	-	398,5
3080-700	711,2	711,2	127,0	190,5	-	-	-	-	500,1
3080-800	812,8	812,8	127,0	190,5	368,3	-	-	-	601,7
3080-900	914,4	914,4	127,0	190,5	368,3	520,7	-	-	703,3
3080-1000	1016,0	1016,0	127,0	190,5	368,3	622,3	-	-	804,9
3080-1100	1117,6	1117,6	127,0	190,5	368,3	723,9	-	825,5	906,5
3080-1200	1219,2	1219,2	127,0	190,5	368,3	723,9	763,7	825,5	1004,7
3080-1300	1320,8	1320,8	127,0	190,5	368,3	774,7	-	825,5	1109,7
3080-1400	1422,4	1422,4	127,0	190,5	368,3	774,7	-	825,5	1211,3
3080-1500	1524,0	1524,0	127,0	190,5	368,3	622,3	774,7	825,5	1309,5



G	H	I	J	M	N	P	Q	R	S	Load/pair (N)
154,0	179,4	198,4	217,4	-	-	-	203,2	260,4	279,4	1780
255,6	281,0	299,9	319,0	-	-	-	304,8	361,9	381,0	1780
357,2	382,6	401,6	420,6	-	-	-	406,4	463,6	482,6	1780
458,8	484,2	503,2	522,2	-	-	-	508,0	565,2	584,2	1690
560,4	585,8	604,8	623,8	-	-	-	609,6	666,8	685,8	1600
662,0	687,4	706,4	725,4	234,9	393,7	552,5	711,2	768,4	787,4	1510
763,6	789,0	807,9	827,0	234,9	444,5	654,1	812,8	870,0	889,0	1420
865,2	890,6	909,6	928,6	234,9	495,3	755,7	914,4	971,6	990,8	1330
966,8	992,2	1011,2	1030,2	234,9	546,1	857,3	1016,0	1073,2	1092,2	1240
1068,4	1093,8	1112,8	1131,8	234,9	406,8	958,8	1117,6	1174,8	1193,8	1150
1170,0	1195,4	1214,4	1233,4	234,9	596,9	958,8	1219,2	1276,4	1295,4	1060
1271,6	1297,0	1316,0	1335,0	234,9	596,9	958,8	1320,8	1378,0	1397,0	1020
1373,2	1398,6	1417,6	1436,6	234,9	495,3	1014,8	1422,4	1479,6	1498,6	890

# 3560 - 100% Extension



All dimensions in mm.

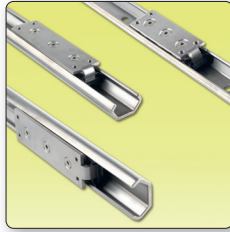
Article No.	Closed length	Extension length	A	B	C	D	Load/pair (N)
3560-250	254,0	264	-	-	209,6	222,3	600
3560-300	304,8	315	-	149,1	260,4	273,1	600
3560-350	355,6	366	-	199,9	311,2	323,9	600
3560-400	406,4	416	-	250,7	362,0	374,7	600
3560-450	457,2	467	212,6	301,5	412,8	425,5	600
3560-500	508,0	518	238,0	352,3	463,6	476,3	600
3560-550	558,8	569	263,4	403,1	514,4	527,1	500
3560-600	609,6	620	288,8	453,9	565,2	577,9	450
3560-650	660,4	670	314,2	504,7	616,0	628,7	400
3560-700	711,2	721	339,6	555,5	666,8	679,5	320

Material: Slide members and component parts - stainless SUS304.  
 Balls - SUS304.

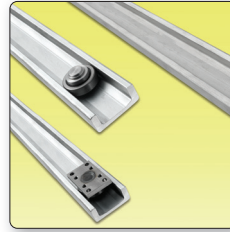
# Rollco Products



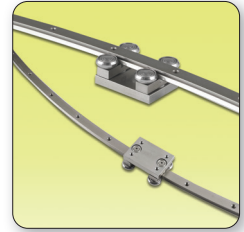
**COMPACT RAIL**



**C-RAIL**



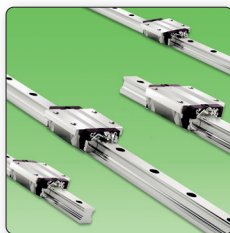
**U-RAIL**



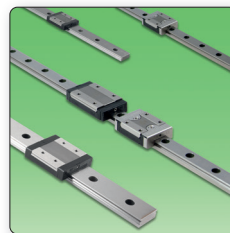
**CURVI LINE**



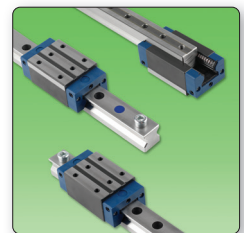
**LINEAR RAIL SBI**



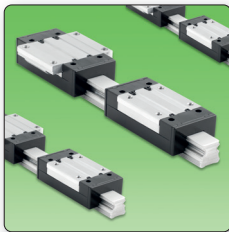
**LINEAR RAIL  
BALL CHAIN**



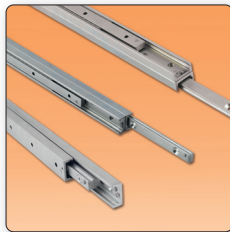
**LINEAR MINIATURE  
GUIDE**



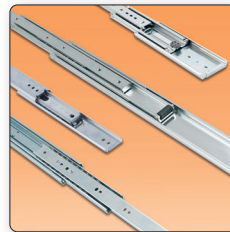
**LINEAR ROLLER  
GUIDE**



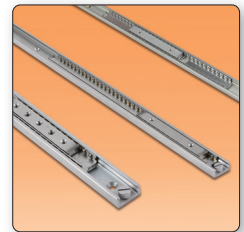
**LINEAR RAIL  
ALUMINIUM**



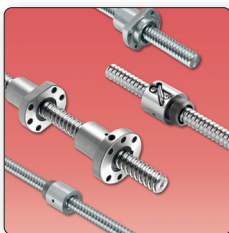
**TELESCOPIC RAIL  
HEAVY**



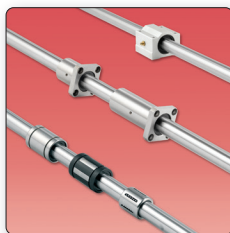
**TELESCOPIC RAIL  
LIGHT**



**EASYSLIDE**



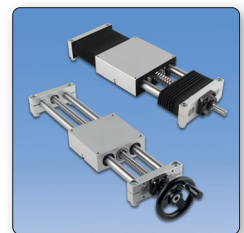
**BALL SCREWS**



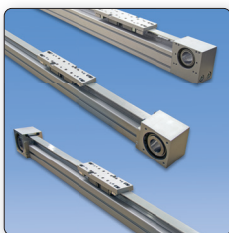
**BALL BEARINGS  
& STEEL SHAFTS**



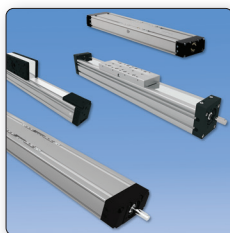
**LINEAR UNIT RHL**



**LINEAR UNIT QME**



**LINEAR UNIT E-SMART**



**LINEAR UNITS CT & MT**



**ALUMINIUM PROFILES**



**BELT CONVEYORS**

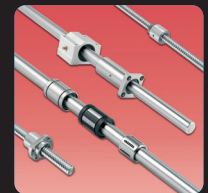
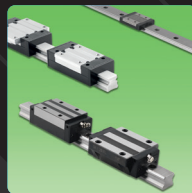
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