Fuline®

Movetechnik

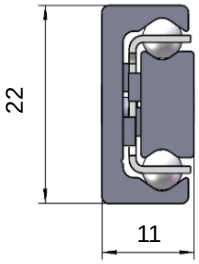
telescopic rail

Catalogue

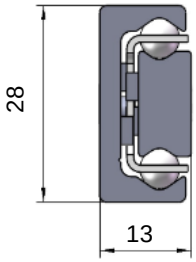
www.fuline-motion.com

Telescopic rail（Cold drawing）

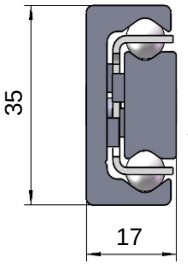
50% Stroke - TH



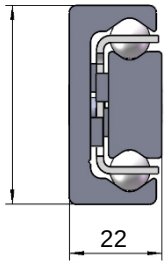
TH 22



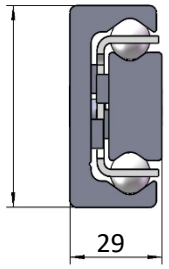
TH 28



TH 35

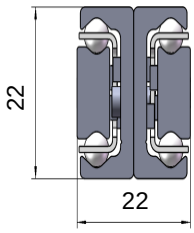


TH 43



TH 63

100% Stroke - TFD



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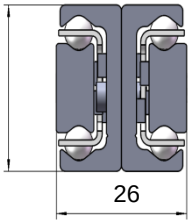

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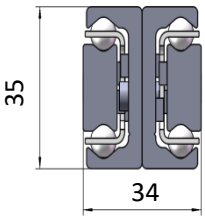

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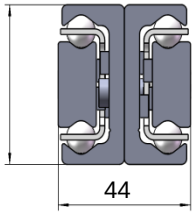

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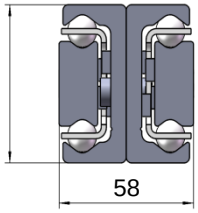
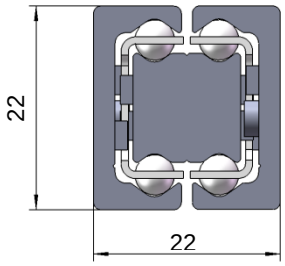
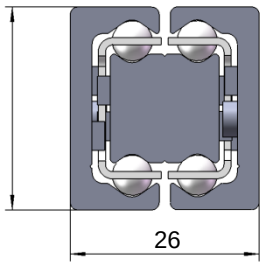


TFD 63

100% Stroke - TFN



TFN 22



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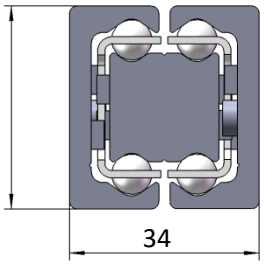

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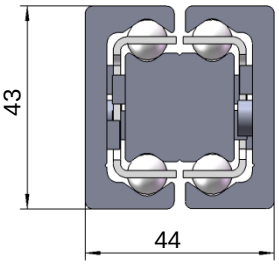
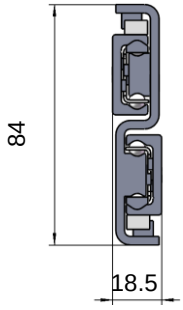
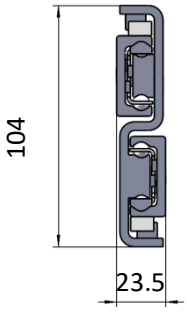


TFN 43

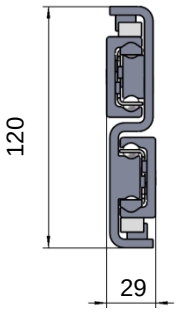
100% Stroke - TFS



TFS 28



TFS 35



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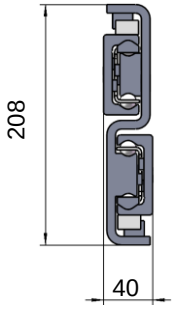
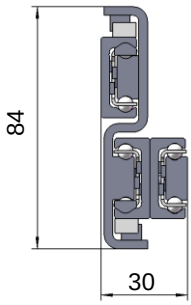


TFS 63

Telescopic rail（Cold drawing）

150% Stroke - TFCD



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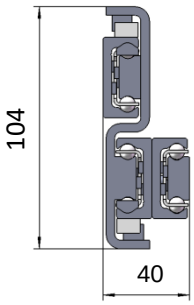

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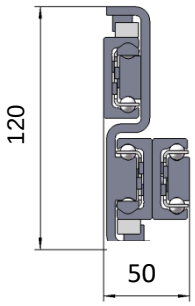

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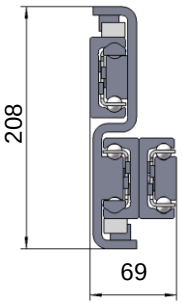
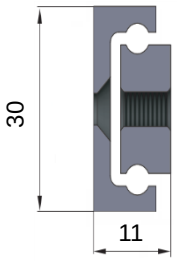


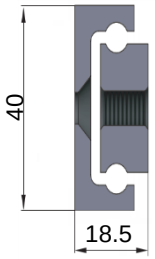
TFCD 63

Telescopic rail（Carbon steel/stainless steel）

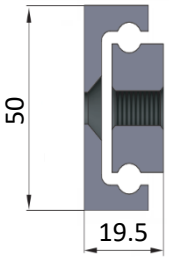
50% Stroke - CHTT



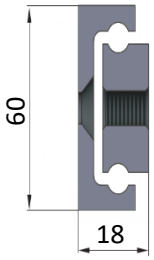
CHTT 30



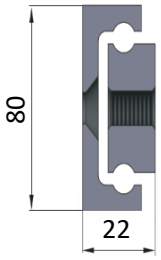
CHTT 40



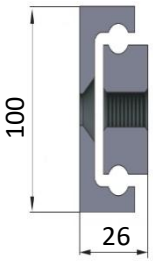
CHTT 50



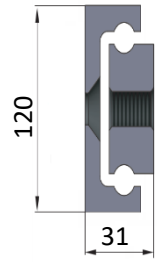
CHTT60



CHTT80

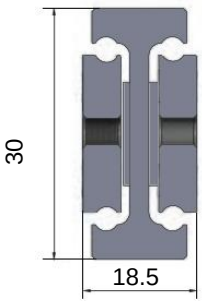


CHTT 100

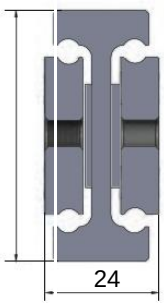


CHTT 120

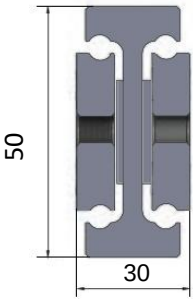
100% Stroke - GHT



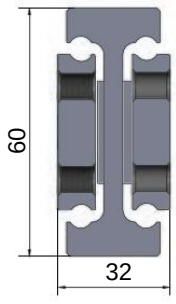
GHT 30



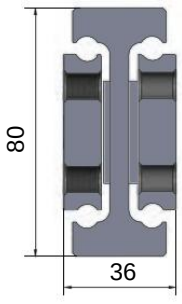
GHT 40



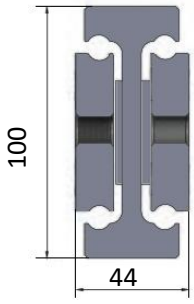
GHT50



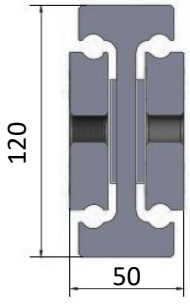
GHT 60/65



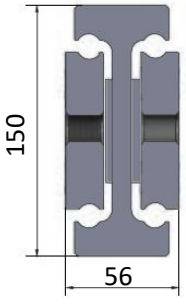
GHT 80



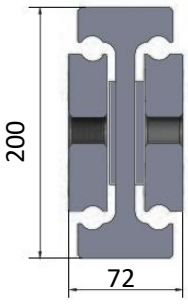
GHT 100



GHT 120

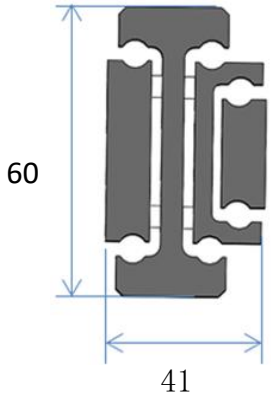


GHT 150

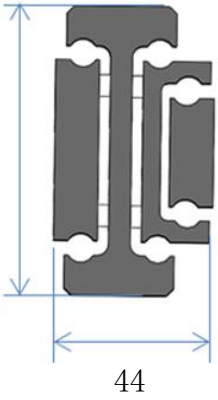


GHT 200

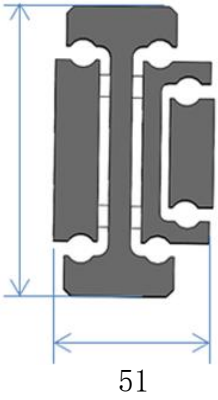
150% Stroke - HTC



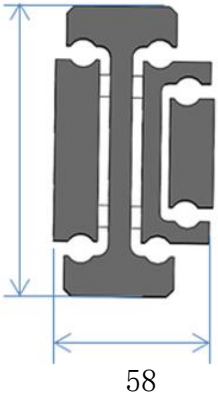
HTC 60



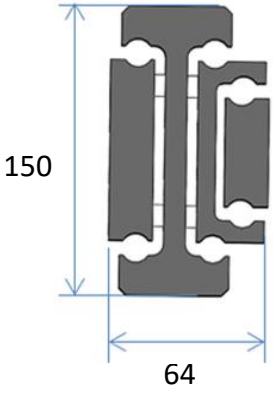
HTC 80



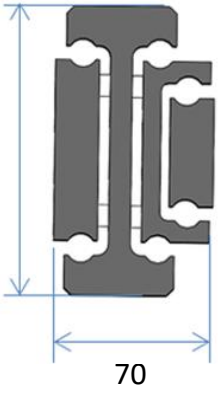
HTC 100



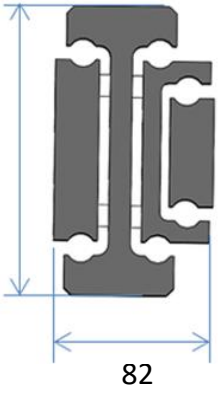
HTC 120



HTC 150



HTC 200



HTC 300

Notice:

▲The internal limit stop is only used to brake the slider during no-load conditions and prevent the cage from falling off.

▲External limit stops are used to brake the slider during loading and provide protection for internal stops. When using slide rails, please correctly install external stops to ensure the braking performance of the slide rails and avoid component damage.

▲All series of slide rails can be installed horizontally or vertically.

▲The holder of the sliding rail will experience an offset during long-term high-speed and frequent reciprocating motion. This offset will affect the travel distance of the sliding rail, thereby impacting the operation and positioning of the entire system. The offset can be eliminated by driving the sliding rail to its maximum travel distance during no-load operation.

▲All series of slide rails require lubrication with grease, and suitable grease can be selected based on the actual working environment.

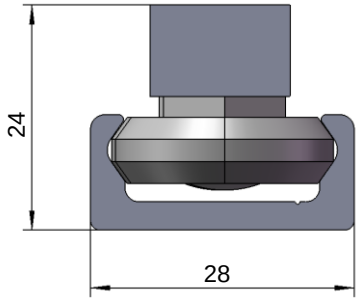
▲Proper maintenance can ensure the performance of the slide rail and extend its service life. It is recommended to perform lubrication maintenance every 180 days in cases of low usage frequency, and every 80km (cumulative total distance traveled) in cases of high usage frequency.

▲Please clean the slide rail carefully before lubricating.

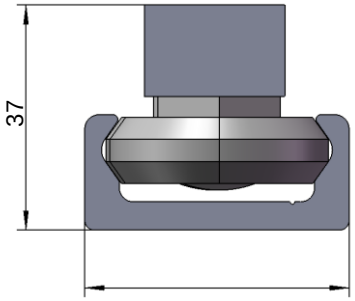
▲Unless there are special circumstances, please do not disassemble it yourself. If you have any questions, please feel free to contact our company.

Linear line

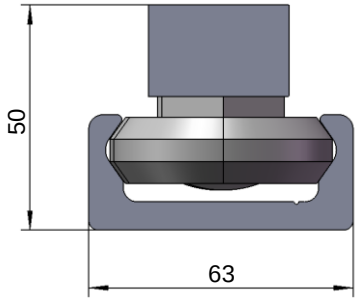
GLR（Cold drawing）



GLR 28

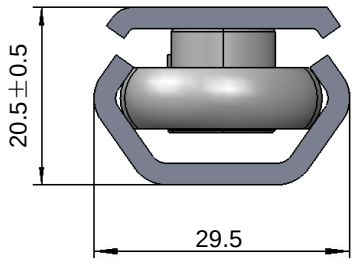


GLR 43

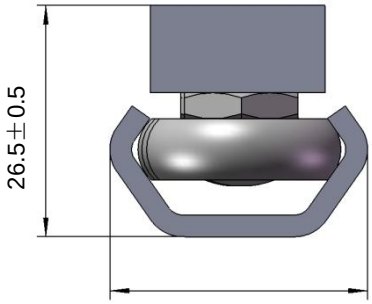


GLR 63

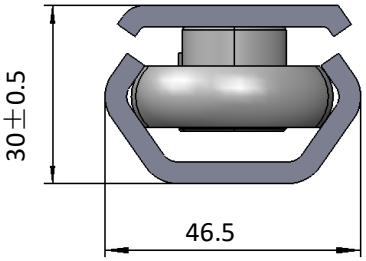
GLS (carbon steeel) / GLX (stainless steel)



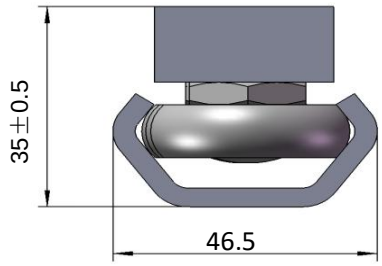
GLS / GLX 30-SX1BHK



GLS / GLX 30-SX2HHK



GLS / GLX 45-BHK



GLS / GLX 45-HHK

feature

- telescopic rail，linear rail，actuator
- material：carbon steel，stainless steel，aluminum
- fast delivery time

application

logistics

machine tool

special vehicle

railway

smart home

aerospace

automation

labortory

medical

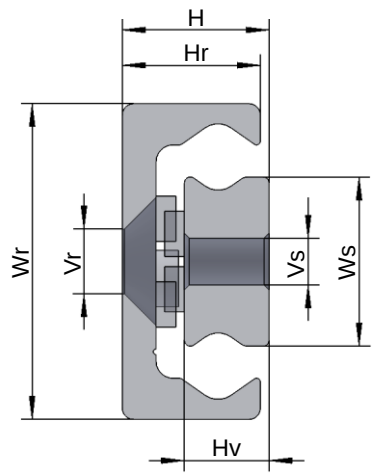
TH partial extension telescopic rail

TH consist of C-shaperail,a slider, a cage,steel balls and limit blocks 50% stroke

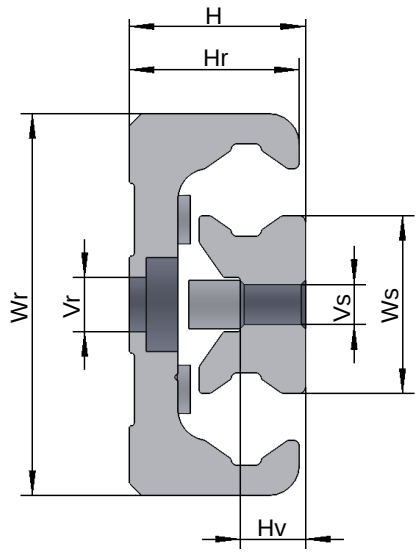
Feature：

√	Low proportion， compact， save installation space.
√	High load， max.7000kg/pair.
√	Long life， the U-rail material is CF 53.
√	Applied for logistics and automation.
√	Non-standard stroke according to requirement.
√	Strong limit block according to requirement.

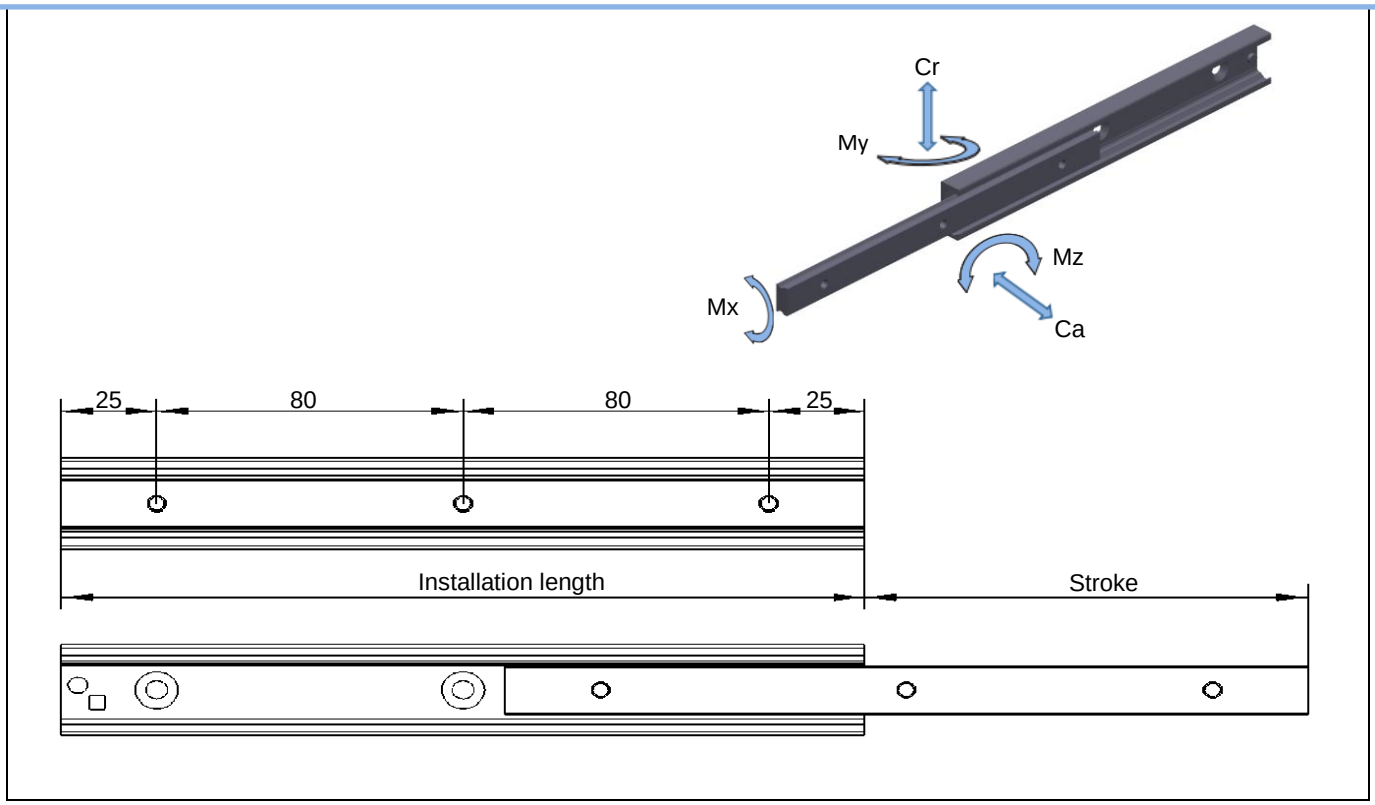
Type	H (mm)	Hr (mm)	Wr (mm)	Ws (mm)	Hv (mm)	Vr	Vs	weight
TH 22	11	10.25	22	11.3	6.5	Ø4.5	M4	1.35
TH 28	13	12.25	28	15	7.5	Ø5.5	M5	2.05
TH 35	17	16	35	15.8	10	Ø6.6	M6	3.06
TH 43	22	21	43	23	13.5	Ø8.5	M8	5.25
TH 63	29	28	63	29.3	10.5	Ø8.5	M8	10.3



TH 22/28/35/43



TH 63



Type	length	stroke	Load /Pair					Installation hole	speed	temperature
			Cr	Ca	Mx	My	Mz			
	(mm)	(mm)	(N)	(N)	(Nm)	(Nm)	(Nm)		(m/s)	(℃)
TH 22	130	76	563	394	10	20	27	2	1.0	-20/+170
	210	111	1287	902	21	69	92	3		
	290	154	1789	1253	29	134	198	4		
	370	196	2300	1611	38	213	321	5		
	450	231	3352	2360	48	360	516	6		
	530	274	3859	2770	56	496	710	7		
	610	316	4510	3168	64	654	934	8		
	690	351	5310	3764	74	870	1240	9		
	770	394	5935	4155	82	1065	1538	10		
TH 28	130	74	1223	772	30	36	56	2	1.5	-20/+170
	210	116	2229	1406	52	103	164	3		
	290	148	3868	2568	78	258	376	4		
	370	190	4890	3390	100	426	710	5		
	450	232	5910	4110	121	628	898	6		
	530	274	6939	4867	144	870	1242	7	1.2	
	610	316	7952	5009	164	1135	1642	8		
	690	358	8877	5654	186	1423	2110	9		
	770	400	9990	6296	208	1828	2612	10	1.0	
	850	433	11490	7344	232	2297	3330	11		
	930	475	12668	7985	257	2770	3971	12		
	1010	517	13686	8627	280	3260	4594	13	0.8	
	1090	559	14716	9270	300	3779	5410	14		
	1170	601	15662	9913	322	4350	6216	15		

Type	length	stroke	Load /Pair					Installation hole	speed	temperature
			Cr	Ca	Mx	My	Mz			
	(mm)	(mm)	(N)	(N)	(Nm)	(Nm)	(Nm)		(m/s)	(℃)
TH 35	130	96	1203	772	39	66	80	2	1.5	-20/+170
	210	127	2129	1496	58	114	164	3		
	290	159	4120	2884	93	292	416	4		
	370	203	5270	3694	120	475	680	5		
	450	247	6430	4504	145	708	1010	6		
	530	279	8564	5994	180	1086	1550	7	1.2	
	610	323	9716	6802	206	1422	2030	8		
	690	367	10870	7608	232	1804	2576	9		
	770	399	12040	9130	268	2382	3400	10	1.2	
	850	443	14190	9932	294	2870	4100	11		
	930	487	16028	10736	320	3400	4862	12		
	1010	519	17526	12272	356	4184	5978	13	1.0	
	1090	563	18944	13064	380	4824	6890	14		
	1170	607	20992	13874	407	5508	7868	15		
	1250	639	22024	15416	442	6490	9272	16	0.8	
	1330	683	23164	16214	468	7280	10400	17		
	1410	727	24502	17014	494	8016	11594	18		
	1490	759	26018	18562	528	9300	13286	19		
TH 43	210	123	2971	2211	55	161	240	3	1.5	-20/+170
	290	158	5670	4018	84	402	568	4		
	370	208	6679	4555	104	614	880	5		
	450	243	9242	6509	134	1016	1456	6		
	530	278	11870	8454	164	1532	2176	7	1.2	
	610	313	14340	10338	194	2115	3042	8		
	690	363	15653	12907	214	2580	3670	9		
	770	398	18418	12933	244	3326	4804	10	1.2	
	850	433	21107	14876	274	4238	6049	11		
	930	483	22104	15428	294	4880	6971	12		
	1010	518	24681	17407	324	6670	8414	13	1.0	
	1090	568	25679	18225	344	7886	9581	14		
	1170	603	28557	19860	374	9097	11239	15		
	1250	638	31148	21505	403	10278	13128	16	0.8	
	1330	688	32915	22554	423	11617	13425	17		
	1410	723	34821	24894	453	13151	16591	18		
	1490	758	37621	26744	483	14876	18850	19		
	1570	793	40428	28501	513	16058	21256	20	0.6	
	1650	843	41322	29803	533	17912	22940	21		
	1730	878	44058	30785	563	19121	25588	22		
	1810	928	44962	32325	583	21282	27432	23	0.6	
	1890	963	47734	33973	613	22602	30320	24		
	1970	1013	48596	34616	633	20365	32324	25		

Type	length	stroke	Load /Pair					Installation hole	speed	temperature
			Cr	Ca	Mx	My	Mz			
	(mm)	(mm)	(N)	(N)	(Nm)	(Nm)	(Nm)		(m/s)	(℃)
TH 63	610	333	19064	13345	427	2795	3994	8	1.0	-20/+170
	690	373	22561	15793	493	3730	5328	9		
	770	413	26080	18256	559	4799	6854	10	0.9	
	850	453	29614	20729	625	6001	8573	11		
	930	493	33158	23211	691	7339	10483	12		
	1010	533	36711	25699	757	8809	12586	13	0.8	
	1090	573	40271	28190	823	10417	14881	14		
	1170	613	43837	30686	890	12157	17366	15		
	1250	653	47407	33185	956	14031	20045	16	0.7	
	1330	693	50980	35685	1022	16042	22916	17		
	1410	733	54556	38189	1088	18184	25978	18		
	1490	773	58135	40694	1154	20462	29232	19		
	1570	813	61717	43202	1220	22874	32679	20	0.5	
	1650	853	65299	45709	1286	25421	36317	21		
	1730	893	68882	48218	1353	28103	40147	22		
	1810	933	72470	50728	1419	30919	44170	23	0.3	
	1890	973	76055	53239	1485	33869	48384	24		
	1970	1013	79645	55751	1551	36954	52790	25		

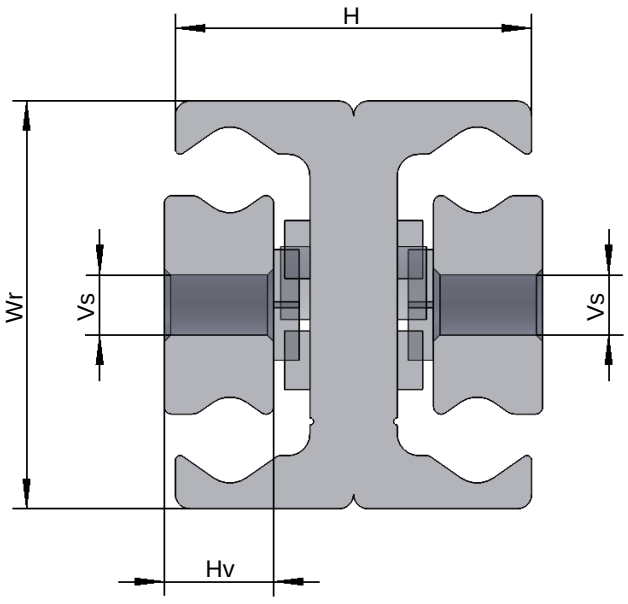
TFD full extension telescopic rail

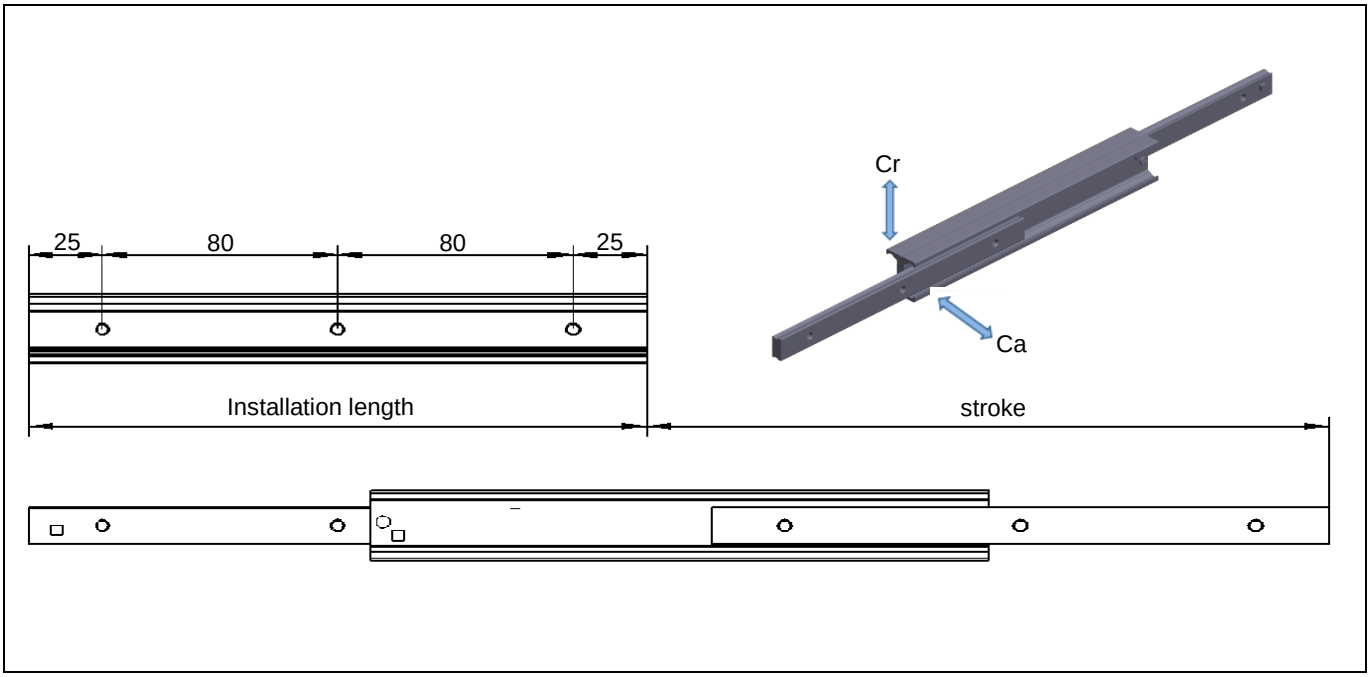
TFD consist of two TH rails arranged back to back 100% stroke

Feature:

√	Low proportion， compact， save installation space.
√	High load， max. 1200kg/pair.
√	Long life， the U-rail material is CF 53.
√	Applied for rail transit ,automation and special vehicle.
√	Non-standard stroke according to requirement.
√	Strong limit block according to requirement.
√	Both threaded hole and counterbore hole.

Type	H (mm)	Wr (mm)	Hv (mm)	Vs	weight
TFD 22	22	22	6.5	M4	2.7
TFD 28	26	28	7.5	M5	4.1
TFD 35	34	35	10	M6	6.1
TFD 43	44	43	13.5	M8	10.6
TFD 63	58	63	10.5	M8	20.7





Type	length	stroke	Load /Pair		Installation hole	speed	temperature
			Cr	Ca			
	(mm)	(mm)	(N)	(N)		(m/s)	(℃)
TFD 22	130	152	238	165	2	0.8	-20/+170
	210	222	562	393	3		
	290	308	780	540	4		
	370	392	1000	520	5		
	450	462	1340	460	6		
	530	571	1140	380	7		
	610	632	988	334	8		
	690	702	900	306	9		
	770	788	801	270	10		
TFD 28	130	148	470	328	2	0.8	-20/+170
	210	232	860	604	3		
	290	296	1534	1074	4		
	370	380	1936	940	5		
	450	464	2338	765	6		
	530	548	2214	650	7	0.7	
	610	633	1910	555	8		
	690	717	1680	451	9		
	770	801	1500	442	10	0.6	
	850	866	1420	416	11		
	930	950	1392	376	12		
	1010	1034	1184	346	13	0.5	
	1090	1118	1094	310	14		
	1170	1202	1016	298	15		

Type	length	stroke	Load /Pair		Installation hole	speed	temperature
			Cr	Ca			
	(mm)	(mm)	(N)	(N)		(m/s)	(℃)
TFD 35	130	142	468	295	2	1.0	-20/+170
	210	254	800	560	3		
	290	318	1600	1120	4		
	370	406	2050	1436	5		
	450	494	2500	1586	6		
	530	558	3370	1456	7	0.9	
	610	646	3816	1352	8		
	690	734	3378	1096	9		
	770	798	3182	1032	10	0.8	
	850	886	2850	926	11		
	930	974	2582	838	12		
	1010	1038	2466	800	13	0.6	
	1090	1126	2262	720	14		
	1170	1214	2090	680	15		
	1250	1278	2012	654	16		
	1330	1366	1874	608	17		
	1410	1454	1754	570	18		
	1490	1518	1700	552	19		
TFD 43	210	246	1210	848	3	1.0	-20/+170
	290	316	2228	1560	4		
	370	416	2600	1820	5		
	450	486	3656	2558	6		
	530	556	4750	2868	7	0.9	
	610	626	5868	2600	8		
	690	726	6182	2192	9		
	770	796	6110	2032	10	0.8	
	850	866	5694	1892	11		
	930	966	5012	1660	12		
	1010	1036	4720	1570	13	0.6	
	1090	1106	4470	1480	14		
	1170	1206	4040	1341	15		
	1250	1276	3852	1280	16	0.5	
	1330	1376	3530	1170	17		
	1410	1446	3390	1120	18		
	1490	1516	3250	1080	19		
	1570	1586	3130	1040	20	0.4	
	1650	1686	2911	965	21		
	1730	1756	2816	930	22		
	1810	1856	2630	873	23	0.3	
	1890	1926	2355	850	24		
	1970	2026	2410	800	25		

Type	length	stroke	Load /Pair		Installation hole	speed	temperature
			Cr	Ca			
	(mm)	(mm)	(N)	(N)		(m/s)	(℃)
TFD 63	610	666	7362	5153	8	0.8	-20/+170
	690	746	8746	5512	9		
	770	826	10143	5011	10	0.7	
	850	906	11547	4595	11		
	930	986	12956	4243	12		
	1010	1066	12393	3940	13	0.6	
	1090	1146	11569	3677	14		
	1170	1226	10847	3449	15		
	1250	1306	10210	3245	16	0.5	
	1330	1386	9643	3065	17		
	1410	1466	9137	2905	18		
	1490	1546	8680	2759	19		
	1570	1626	8267	2628	20	0.4	
	1650	1706	7891	2509	21		
	1730	1786	7549	2399	22		
	1810	1866	7234	2300	23	0.2	
	1890	1946	6946	2209	24		
	1970	2026	6678	2124	25		

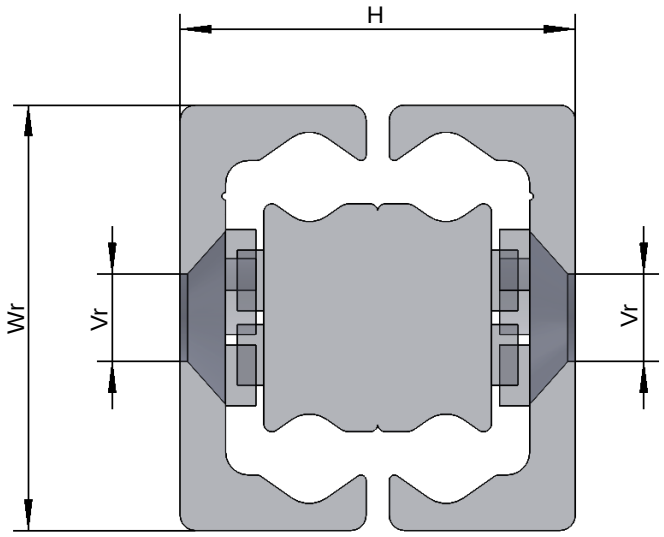
TFN full extension telescopic rail

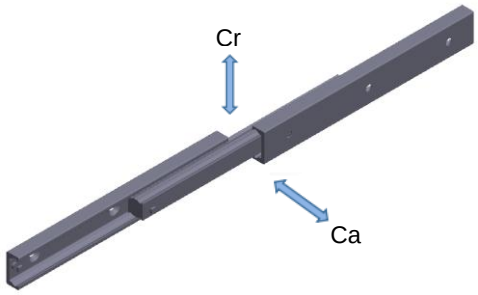
TFN consist of two TH rails arranged face to face 100% stroke

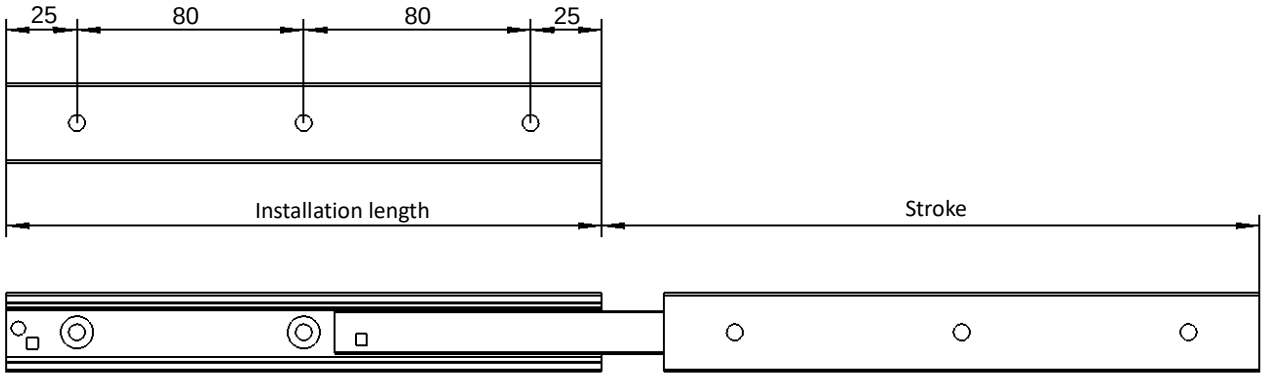
Feature：

√	Low proportion， compact， save installation space.
√	High load， max. 230kg/pair.
√	Long life， the U-rail material is CF 53.
√	The closed structure can provide a better protective environment for the internal ball system.
√	Applied for rail transit , automation and special vehicle.
√	Non-standard stroke according to requirement.

Type	H (mm)	Wr (mm)	Vr	weight
TFN 22	22	22	M4	2.7
TFN 28	26	28	M5	4.1
TFN 35	34	35	M6	6.0
TFN 43	44	43	M8	10.7







Type	Length	Stroke	Load /Pair		Installation hole	Speed	Temperature
			Cr	Ca			
	(mm)	(mm)	(N)	(N)		(m/s)	(℃)
TFN 22	130	152	336	160	2	1.0	-20/+170
	210	222	560	390	3		
	290	308	470	470	4		
	370	392	370	370	5		
	450	462	320	320	6		
	530	548	270	270	7		
	610	632	230	230	8		
	690	702	212	212	9		
	770	788	178	178	10		
TFN 28	130	148	469	326	2	1.0	-20/+170
	210	232	860	600	3		
	290	296	1240	1070	4		
	370	380	960	960	5		
	450	464	780	780	6		
	530	548	660	660	7	0.9	
	610	633	570	570	8		
	690	717	500	500	9		
	770	801	450	450	10	0.8	
	850	866	420	420	11		
	930	950	385	385	12		
	1010	1034	350	350	13	0.6	
	1090	1118	325	325	14		
	1170	1202	300	300	15		

Type	Length	Stroke	Load /Pair		Installation hole	Speed	Temperature
			Cr	Ca			
	(mm)	(mm)	(N)	(N)		(m/s)	(℃)
TFN 35	210	254	800	560	3	1.0	-20/+170
	290	318	1330	1121	4		
	370	406	1040	1040	5		
	450	494	856	856	6		
	530	558	796	796	7	0.9	
	610	646	670	670	8		
	690	734	590	590	9		
	770	798	560	560	10	0.8	
	850	886	501	501	11		
	930	974	450	450	12		
	1010	1038	430	430	13	0.6	
	1090	1126	396	396	14		
	1170	1214	360	360	15		
	1250	1278	350	350	16	0.4	
	1330	1366	329	329	17		
	1410	1454	300	300	18		
	1490	1518	290	290	19		
TFN 43	210	246	1200	840	3	1.0	-20/+170
	290	316	2226	1550	4		
	370	416	2601	1810	5		
	450	486	2660	2556	6		
	530	556	2380	2380	7	0.9	
	610	626	2160	2160	8		
	690	726	1820	1820	9		
	770	796	1685	1685	10	0.8	
	850	866	1570	1570	11		
	930	966	1380	1380	12		
	1010	1036	1300	1300	13	0.7	
	1090	1106	1230	1230	14		
	1170	1206	1120	1120	15		
	1250	1276	1060	1060	16	0.6	
	1330	1376	970	970	17		
	1410	1446	838	838	18		
	1490	1516	900	900	19		
	1570	1586	860	860	20	0.4	
	1650	1686	800	800	21		
	1730	1756	781	781	22		
	1810	1856	728	728	23	0.3	
	1890	1926	700	700	24		
	1970	2026	666	666	25		

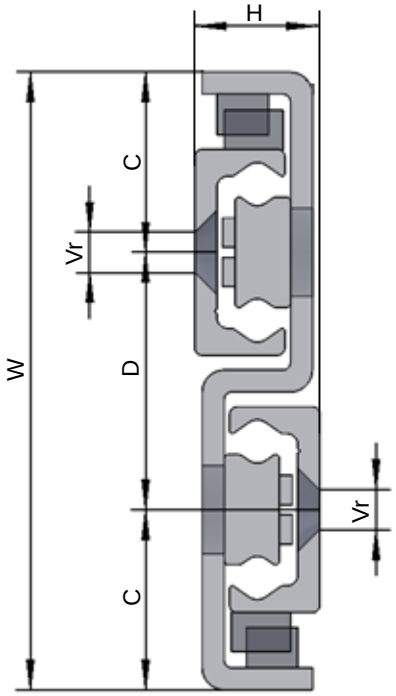
TFS full extension telescopic rail

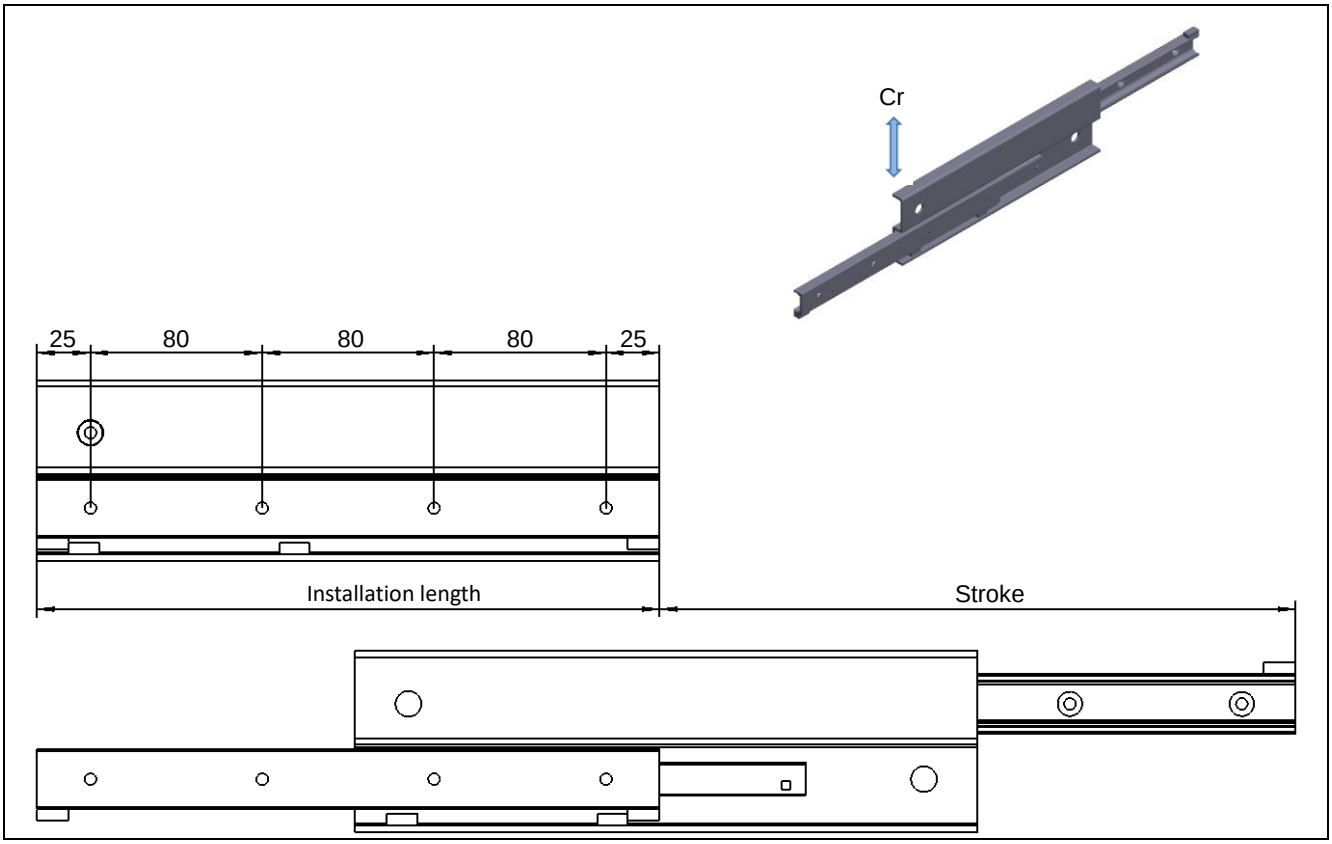
TFS consist of a high rigidity S-shaped intermediate connecting component and two TH rail stroke 100%

Feature：

√	Low proportion， compact， save installation space.
√	High load， max. 2300kg/pair。
√	Long life， the U-rail material is CF 53.
√	Applied for rail transit , automation and special vehicle.
√	Non-standard stroke according to requirement.
√	Strong limit block according to requirement.

Type	H (mm)	W (mm)	C (mm)	D (mm)	Installation hole (Vr)	Weight
TFS 28	17	84	24.5	35	M5	6.5
TFC 35	22.5	104	30.5	43	M6	10
TFC 43	27.5	120	34	52	M8	14.6
TFS 63	40	208	64	80	M10	32.7





Type	Length (mm)	Stroke (mm)	Load /Pair Cr (N)	Installation hole/Total hole	Speed (m/s)	Temperature (℃)
TFS 28	290	296	1135	3/4	0.8	-20/+170
	370	380	1534	4/5		
	450	464	1935	4/6		
	530	548	2338	6/7	0.7	
	610	630	2750	6/8		
	690	714	3139	7/9		
	770	798	3550	7/10	0.6	
	850	864	4220	9/11		
	930	950	4470	9/12		
	1010	1034	4100	10/13	0.5	
	1090	1118	3790	10/14		
	1170	1202	3520	12/15		
	1250	1266	3386	12/16	0.4	
	1330	1350	3170	13/17		
	1410	1434	2970	13/18		
	1490	1518	2805	15/19		

TYPE	Length (mm)	Stroke (mm)	Load /Pair Cr (N)	Installation hole/Total hole	Speed (m/s)	Temperature (℃)
TFS 35	450	494	2450	5/6	0.7	-20/+170
	530	556	3360	6/7		
	610	626	3810	6/8		
	690	726	4260	7/9		
	770	796	5150	8/10	0.6	
	850	866	5600	9/11		
	930	966	6040	9/12		
	1010	1036	6950	10/13	0.5	
	1090	1106	7010	11/14		
	1170	1206	6470	12/15		
	1250	1276	6240	12/16	0.4	
	1330	1376	5810	13/17		
	1410	1446	5440	14/18		
	1490	1516	5270	15/19		
	1570	1616	4960	15/20	0.3	
	1650	1686	4686	16/21		
	1730	1756	4560	17/22		
TFS 43	530	556	4120	6/7	0.7	-20/+170
	610	626	5200	6/8		
	690	726	5550	7/9		
	770	796	6636	7/10	0.6	
	850	866	7740	9/11		
	930	966	8070	9/12		
	1010	1036	9180	10/13	0.5	
	1090	1106	9810	10/14		
	1170	1206	9215	12/15		
	1250	1276	8790	12/16	0.4	
	1330	1376	8050	13/17		
	1410	1446	7720	14/18		
	1490	1516	7420	15/19		
	1570	1616	6886	15/20	0.3	
	1650	1686	6645	16/21		
	1730	1756	6420	17/22		
	1810	1856	6020	18/23	0.2	
	1890	1926	5830	18/24		
	1970	2026	5500	19/25		

TYPE	Length (mm)	Stroke (mm)	Load /Pair Cr (N)	Installation hole/Total hole	Speed (m/s)	Temperature (℃)
TFS 63	610	666	7002	6/8	0.7	-20/+170
	690	746	8500	8/9		
	770	826	10024	8/10	0.6	
	850	906	11560	9/11		
	930	986	13100	9/12		
	1010	1066	14650	11/13	0.5	
	1090	1146	16210	11/14		
	1170	1226	17780	12/15		
	1250	1306	19450	12/16	0.4	
	1330	1386	20920	14/17		
	1410	1466	22500	14/18		
	1490	1546	24080	15/19		
	1570	1626	25660	15/20	0.3	
	1650	1706	24720	17/21		
	1730	1786	23650	17/22	0.2	
	1810	1866	22660	18/23		
	1890	1946	20760	18/24		
	1970	2026	20920	20/25		

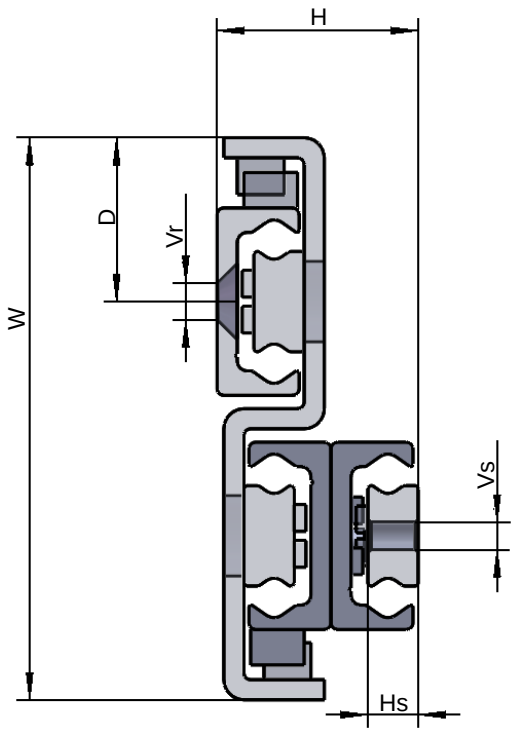
TFCD 150% extension telescopic rail

TFCD consist of a high rigidity S-shaped intermediate connecting component and TH and TFD stroke 150%

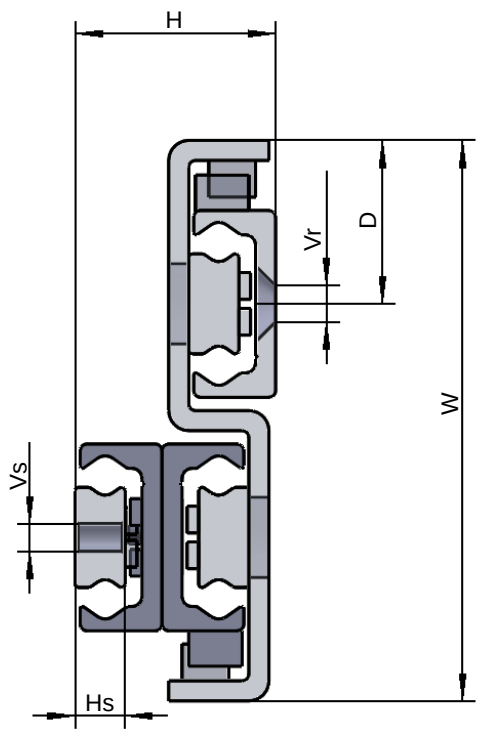
Feature：

√	Low proportion， compact， save installation space.
√	High load， max. 1000kg/pair.
√	Long life， the U-rail material is CF 53.
√	Applied for rail transit , automation and special vehicle.
√	Non-standard stroke according to requirement.
√	Strong limit block according to requirement.

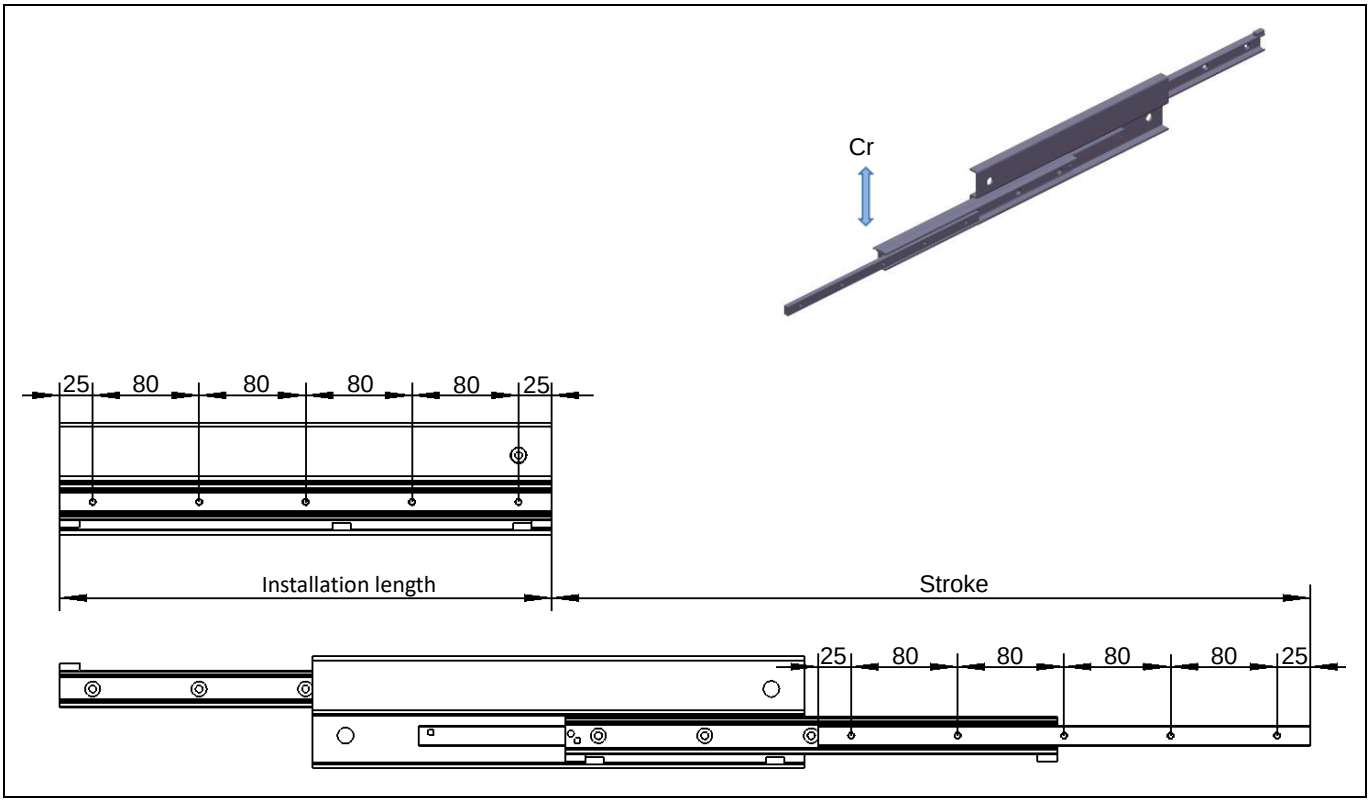
Type	H (mm)	W (mm)	D (mm)	Fixed end installation hole Vr	Sliding end installation hole Vs	Weight
TFCD 28	30	84	24.5	M5	M5	8.5
TFCD 35	40	104	30.5	M6	M6	13.2
TFCD 43	50	120	34	M8	M8	20.0
TFCD 63	69	208	64	M10	M10	43.0



TFCD-L（left）



TFCD-R（right）



Type	Length (mm)	Stroke (mm)	Load/pair Cr (N)	installation hole /Total hoe	Speed (m/s)	Temperature (℃)
TFCD 28	290	444	700	3/4	0.8	-20/+170
	370	570	950	4/5		
	450	696	1200	4/6		
	530	822	1450	6/7	0.7	
	610	946	1700	6/8		
	690	1072	1680	7/9		
	770	1198	1500	7/10	0.6	
	850	1297	1410	9/11		
	930	1425	1290	9/12		
	1010	1551	1180	10/13	0.5	
	1090	1677	1090	10/14		
	1170	1803	1012	12/15		
TFCD 35	450	741	1550	5/6	0.7	-20/+170
	530	837	2090	6/7		
	610	969	2370	6/8		
	690	1101	2650	7/9		
	770	1197	3180	8/10	0.6	
	850	1329	2850	9/11		
	930	1461	2580	9/12		
	1010	1557	2460	10/13	0.5	
	1090	1689	2260	11/14		

Type	Length (mm)	Stroke (mm)	Load/pair Cr (N)	installation hole /Total hoe	Speed (m/s)	Temperature (℃)
TFCD 35	1170	1821	2090	12/15		
	1250	1917	2010	12/16	0.4	-20/+170
	1330	2049	1870	13/17		
	1410	2181	1750	14/18		
	1490	2277	1700	15/19		
TFCD 43	530	834	2580	6/7	0.7	-20/+170
	610	939	3260	6/8		
	690	1089	3470	7/9		
	770	1194	4150	7/10	0.6	
	850	1299	4850	9/11		
	930	1449	5010	9/12		
	1010	1554	4720	10/13	0.5	
	1090	1674	4360	11/14		
	1170	1809	4040	12/15		
	1250	1914	3850	12/16	0.4	
	1330	2064	3530	13/17		
	1410	2169	3398	13/18		
	1490	2274	3250	15/19		
	1570	2409	3070	15/20	0.3	
	1650	2529	2910	16/21		
	1730	2634	2810	16/22		
	1810	2784	2640	18/23	0.2	
	1890	2889	2560	18/24		
	1970	3039	2410	19/25		
TFCD 63	610	999	4320	6/8	0.7	-20/+170
	690	1119	5260	8/9		
	770	1239	6200	8/10	0.6	
	850	1359	7160	9/11		
	930	1479	8120	9/12		
	1010	1599	9090	11/13	0.5	
	1090	1719	10060	11/14		
	1170	1839	11046	12/15		
	1250	1959	11340	12/16	0.4	
	1330	2079	10710	14/17		
	1410	2199	10150	14/18		
	1490	2319	9640	15/19		
	1570	2439	9180	15/20	0.3	
	1650	2559	8760	17/21		
	1730	2679	8280	17/22		
	1810	2799	8030	18/23	0.2	
	1890	2919	7710	18/24		
	1970	3039	7420	20/25		

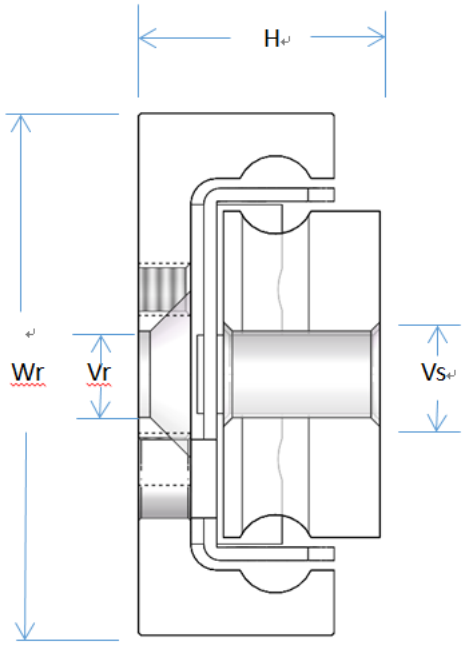
CHTT partial extension telescopic rail

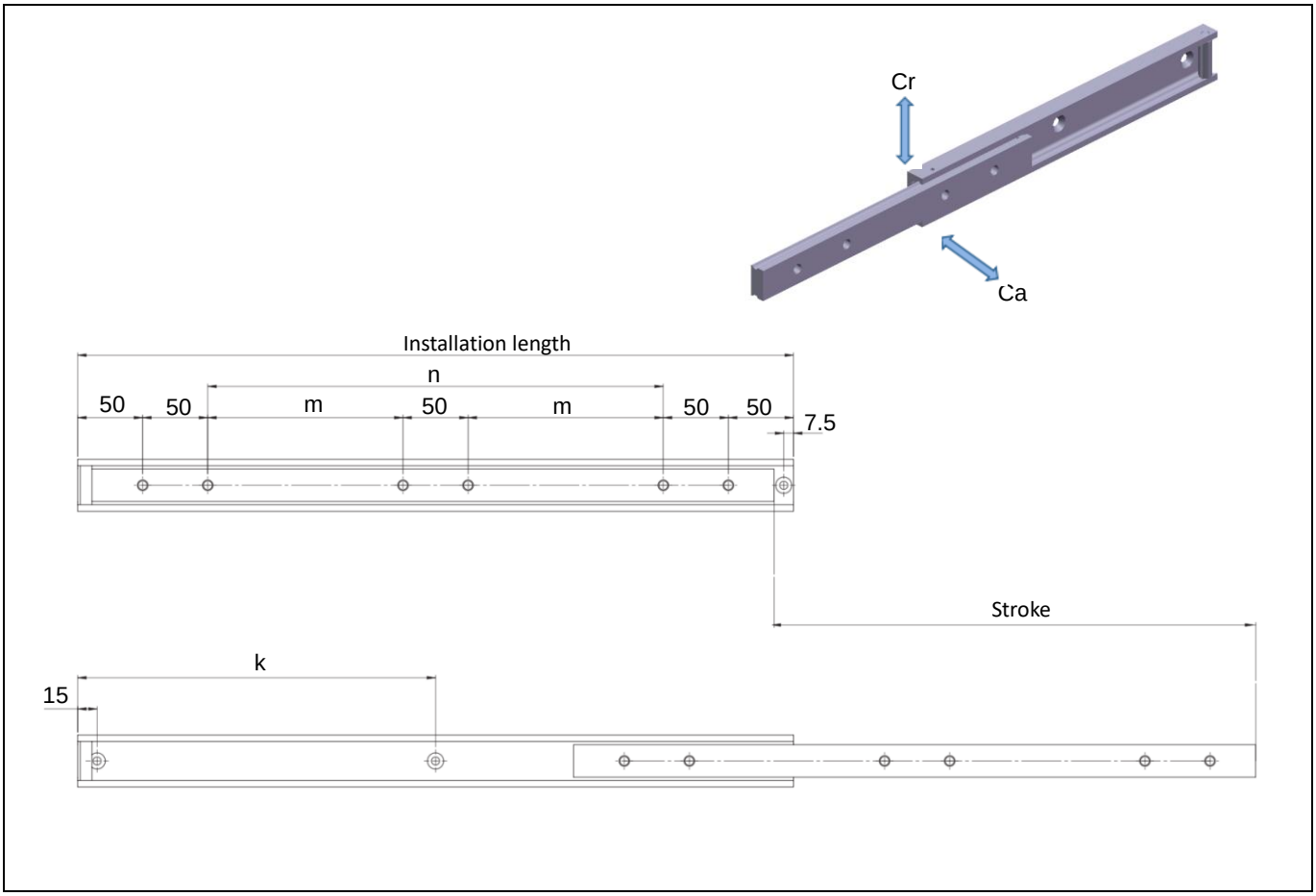
CHTT consists of a C-shaped rail, a slider and cage, balls, and a stop block Stroke 50%

Feature:

- √ Low proportion， compact， save installation space.
- √ High load， max. 200kg/pair.
- √ Long life， the U-rail material is die steel, stainless steel, aluminium.
- √ Applied for chemical industry, food, medicines and special industry.
- √ Non-standard stroke according to requirement.

Type	Wr (mm)	H (mm)	Vr	Vs	Weight
CHTT 30	30	15	M5	M5	2.4
CHTT 40	40	18.5	M6	M6	4.3
CHTT 50	50	19.5	M6	M6	5.6
CHTT 60	60	18	M8	M8	7.7
CHTT 80	80	22	M8	M8	10.4
CHTT 100	100	26	M10	M10	17.0
CHTT 120	120	31	M10	M10	25.2
CHTT 150	150	35	M12	M12	34.8





Type	Length	Stroke	Load/pair		installation hole position			installation hole	Speed	Temperature
			Cr	Ca	k	m	n			
	(mm)	(mm)	(N)	(N)	(mm)	(mm)	(mm)		(m/s)	(℃)
CHTT30	250	130	1100	50%	125	/	50	4	0.7	0/+120
	300	180	1200		150	/	100	4		
	350	230	1150		175	/	150	4		
	400	260	1100		200	/	200	4		
	450	310	1050		225	/	250	4		
	500	340	1000		250	125	/	4		
	550	370	950		275	150	/	6	0.6	
	600	400	900		300	175	/	6		
	650	430	850		325	200	/	6		
	700	460	800		350	225	/	6		
	750	490	750		375	250	/	6	0.5	
	800	520	700		400	275	/	6		
	850	550	650		425	300	/	6		
	900	600	600		450	325	/	6		
	950	630	550		475	350	/	6		
	1000	660	500		500	375	/	6		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

Type	Length	Stroke	Load/pair		installation hole position			installation hole	Speed	Temperature
			Cr	Ca	k	m	n			
	(mm)	(mm)	(N)	(N)	(mm)	(mm)	(mm)		(m/s)	(℃)
CHTT40	250	130	2100	50%	125	/	50	4	0.7	0/+120
	300	180	2250		150	/	100	4		
	350	230	2350		175	/	150	4		
	400	260	2450		200	/	200	4		
	450	310	2550		225	/	250	4		
	500	340	2500		250	/	300	4		
	550	370	2450		275	150	/	6	0.6	
	600	400	2400		300	175	/	6		
	650	430	2350		325	200	/	6		
	700	460	2300		350	225	/	6		
	750	490	2250		375	250	/	6	0.5	
	800	520	2150		400	275	/	6		
	850	550	2050		425	300	/	6		
	900	600	1950		450	325	/	6		
	950	630	1800		475	350	/	6		
	1000	660	1650		500	375	/	6		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

Type	Length	Stroke	Load/pair		installation hole position			installation hole	Speed	Temperature
			Cr	Ca	k	m	n			
	(mm)	(mm)	(N)	(N)	(mm)	(mm)	(mm)		(m/s)	(℃)
CHTT50	250	130	1800	50%	125	/	50	4	0.7	0/+120
	300	180	2500		150	/	100	4		
	350	230	2600		175	/	150	4		
	400	260	2700		200	/	200	4		
	450	310	2800		225	/	250	4		
	500	340	2900		250	125	/	4		
	550	370	2850		275	150	/	6	0.6	
	600	400	2800		300	175	/	6		
	650	430	2700		325	200	/	6		
	700	460	2600		350	225	/	6		
	750	490	2500		375	250	/	6	0.5	
	800	520	2400		400	275	/	6		
	850	550	2300		425	300	/	6		
	900	600	2200		450	325	/	6		
	950	630	2100		475	350	/	6		
	1000	660	2000		500	375	/	6		
	1100	690	1850							
	1200	720	1650							

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

Type	Length	Stroke	Load/pair		installation hole position			installation hole	Speed	Temperature
			Cr	Ca	k	m	n			
	(mm)	(mm)	(N)	(N)	(mm)	(mm)	(mm)		(m/s)	(℃)
CHTT60	250	130	2100	50%	125	/	50	4	0.7	0/+120
	300	180	3200		150	/	100	4		
	350	210	3250		175	/	150	4		
	400	240	3300		200	/	200	4		
	450	270	3350		225	/	250	4		
	500	300	3400		250	125	/	4		
	550	330	3350		275	150	/	6	0.6	
	600	360	3300		300	175	/	6		
	650	390	3250		325	200	/	6		
	700	420	3200		350	225	/	6		
	750	450	3100		375	250	/	6	0.5	
	800	480	3000		400	275	/	6		
	850	510	2900		425	300	/	6		
	900	540	2800		450	325	/	6		
	950	570	2700		475	350	/	6		
	1000	600	2600		500	375	/	6		
	1100	660	2450				/		0.4	
	1200	720	2250				/			
	1300	780	2050				/			
	1400	840	1900				/			
	1500	900	1700				/			

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

Type	Length	Stroke	Load/pair		installation hole position			installation hole	Speed	Temperature
			Cr	Ca	k	m	n			
	(mm)	(mm)	(N)	(N)	(mm)	(mm)	(mm)		(m/s)	(℃)
CHTT70	500	300	4200	50%	250	125	/	4		
	550	330	4150		275	150	/	6	0.6	
	600	360	4100		300	175	/	6		
	650	390	4050		325	200	/	6		
	700	420	4000		350	225	/	6		
	750	450	3900		375	250	/	6	0.5	
	800	480	3800		400	275	/	6		
	850	510	3700		425	300	/	6		
	900	540	3600		450	325	/	6		
	950	570	3450		475	350	/	6		
	1000	600	3300		500	375	/	6		
	1100	660	3100							
	1200	720	2900							
	1300	780	2700							
	1400	840	2400							
	1500	900	2100							
	1600	960	1800							

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

Type	Length	Stroke	Load/pair		installation hole position			installation hole	Speed	Temperature
			Cr	Ca	k	m	n			
	(mm)	(mm)	(N)	(N)	(mm)	(mm)	(mm)		(m/s)	(℃)
CHTT80	500	300	4800	50%	250	125	/	4	0.6	
	550	330	4900		275	150	/	6		
	600	360	5000		300	175	/	6		
	650	390	4900		325	200	/	6		
	700	420	4800		350	225	/	6		
	750	450	4700		375	250	/	6	0.5	
	800	480	4600		400	275	/	6		
	850	510	4500		425	300	/	6		
	900	540	4400		450	325	/	6		
	950	570	4250		475	350	/	6		
	1000	600	4100		500	375	/	6		
	1100	660	3800							
	1200	720	3500							
	1300	780	3200							
	1400	840	2900							
	1500	900	2600							
	1600	960	2300							
	1700	1020	2000							

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

Type	Length	Stroke	Load/pair		installation hole position			installation hole	Speed	Temperature
			Cr	Ca	k	m	n			
	(mm)	(mm)	(N)	(N)	(mm)	(mm)	(mm)		(m/s)	(℃)
CHTT100	700	420	9000	50%	350	225	/	6	0.5	
	750	450	9500		375	250	/	6		
	800	480	10000		400	275	/	6		
	850	510	9750		425	300	/	6		
	900	540	9500		450	325	/	6		
	950	570	9250		475	350	/	6		
	1000	600	9000		500	375	/	6		
	1100	660	8500							
	1200	720	8000							
	1300	780	7500							
	1400	840	6900							
	1500	900	6300							
	1600	960	5700							
	1700	1020	5100							
	1800	1080	4500							
	1900	1140	3900							
	2000	1200	3300							

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

Type	Length	Stroke	Load/pair		installation hole position			installation hole	Speed	Temperature
			Cr	Ca	k	m	n			
	(mm)	(mm)	(N)	(N)	(mm)	(mm)	(mm)		(m/s)	(℃)
CHTT120	500	300	6000	50%	250	125	/	4		
	550	330	7000		275	150	/	6	0.6	
	600	360	7500		300	175	/	6		
	650	390	8000		325	200	/	6		
	700	420	11500		350	225	/	6		
	750	450	12000		375	250	/	6	0.5	
	800	480	12500		400	275	/	6		
	850	510	12000		425	300	/	6		
	900	540	11500		450	325	/	6		
	950	570	1000		475	350	/	6		
	1000	600	9500		500	375	/	6		
	1100	660	9000							
	1200	720	8500							
	1300	780	8000							
	1400	840	7500							
	1500	900	7000							
	1600	960	6500							
	1700	1020	6000							

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

Type	Length	Stroke	Load/pair		installation hole position			installation hole	Speed	Temperature
			Cr	Ca	k	m	n			
	(mm)	(mm)	(N)	(N)	(mm)	(mm)	(mm)		(m/s)	(℃)
CHTT150	500	300	8000	50%	250	125	/	4		
	550	330	9000		275	150	/	6	0.6	
	600	360	1000		300	175	/	6		
	650	390	12000		325	200	/	6		
	700	420	14500		350	225	/	6		
	750	450	12000		375	250	/	6	0.5	
	800	480	12500		400	275	/	6		
	850	510	12000		425	300	/	6		
	900	540	11500		450	325	/	6		
	950	570	1000		475	350	/	6		
	1000	600	9500		500	375	/	6		
	1100	660	9000							
	1200	720	8500							
	1300	780	8000							
	1400	840	7500							
	1500	900	7000							
	1600	960	6500							
	1700	1020	6000							

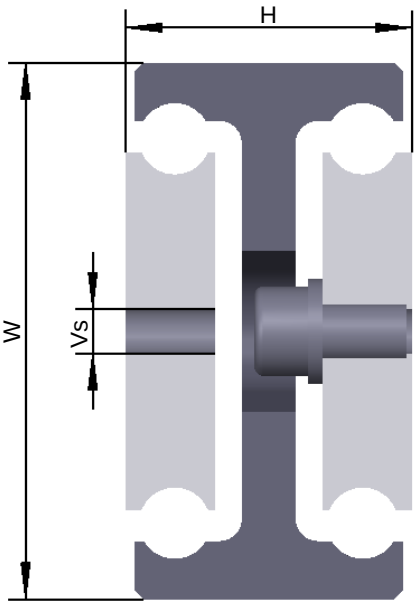
GHT full extension telescopic rail

GHT consists of an I-shaped intermediate connecting component, two sliders and their holder, steel balls, and a stop block. Stroke 100%.

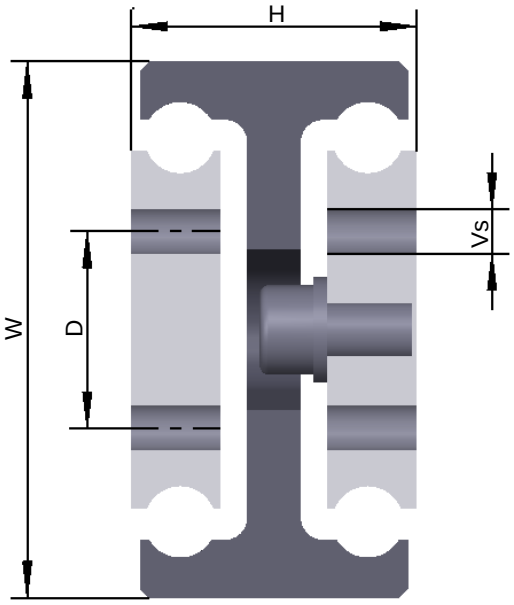
Feature：

√	Low proportion， compact， save installation space.
√	High load， max. 800kg/pair.
√	Long life， the U-rail material is die steel, stainless steel, aluminium.
√	Applied for rail transit , automation and special vehicle.
√	Non-standard stroke according to requirement.

Type	W (mm)	H (mm)	D (mm)	Installation hole Vs	Weight
GHT 30	30	18.5	\	M6	\
GHT 40	40	24	\	M6	\
GHT 50	50	30	\	M6	\
GHT 60	60	32	25	M6	\
GHT 80	80	36	30	M8	\
GHT 120	120	44	50	M10	\
GHT 150	150	56	60	M12	\
GHT 200	200	72	85	M12	\

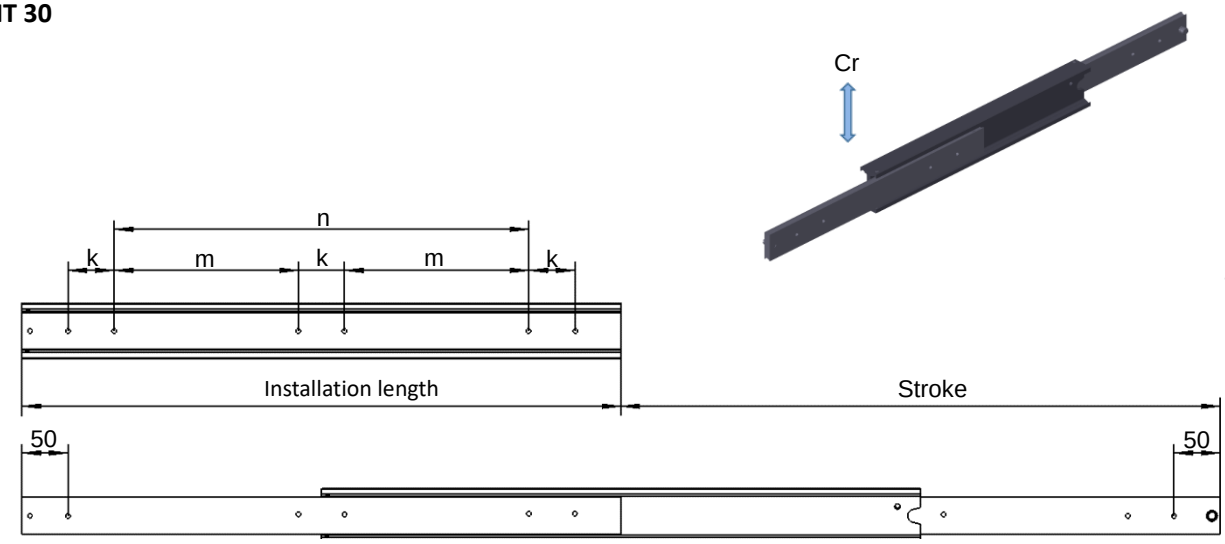


GHT 30/40/50



GHT 60/80/100/120/150/200

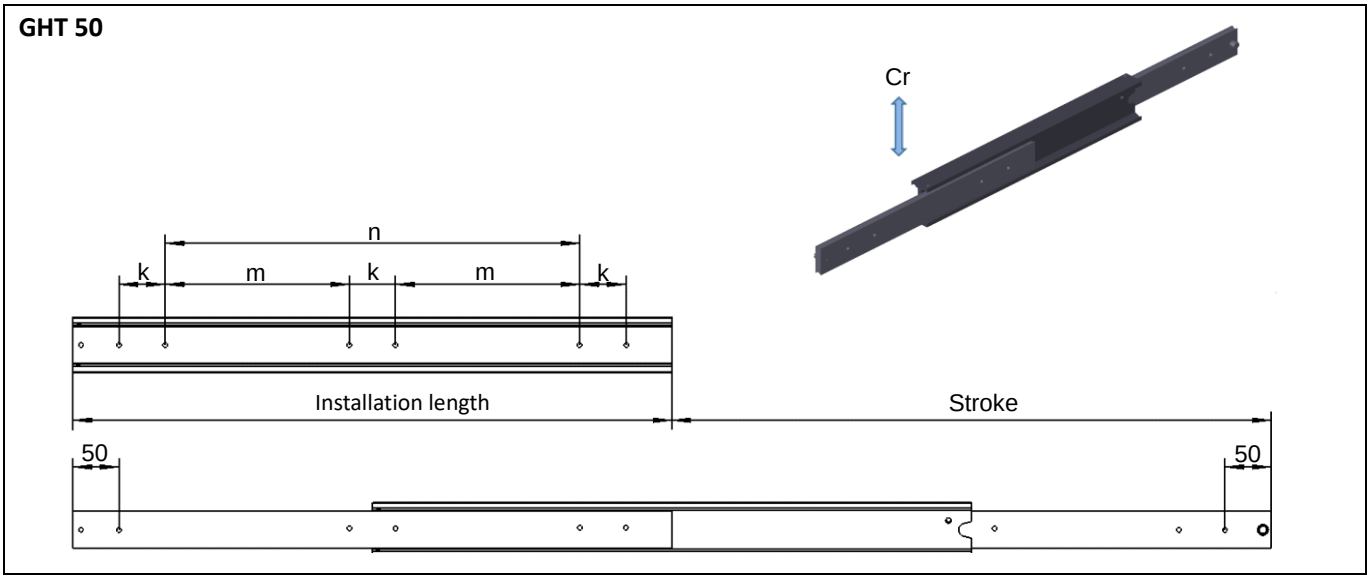
GHT 30



Type	Length	Stroke	Load/pair	installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
GHT 30	300	300	1050	50	/	100	0.7	0/+120
	350	350	1100	50	/	150		
	400	400	1100	50	/	200		
	450	450	1050	50	/	250		
	500	500	1050	50	/	300		
	550	550	1000	50	150	/	0.6	
	600	600	1000	50	175	/		
	650	650	950	50	200	/		
	700	700	900	50	225	/		
	750	750	850	50	250	/	0.5	
	800	800	800	50	275	/		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

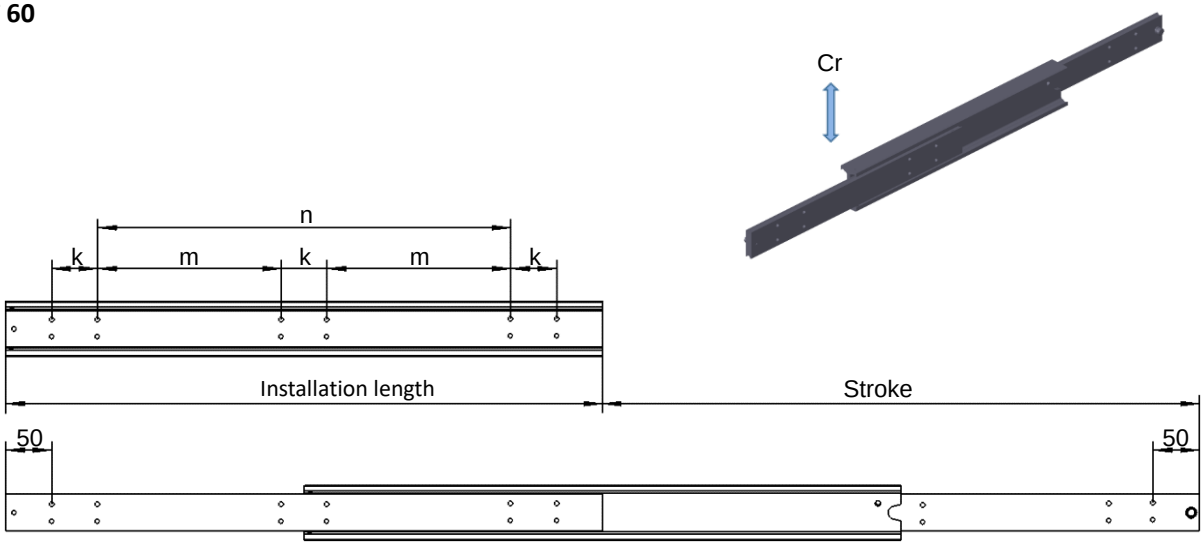
GHT 50



Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
GHT 50	300	300	2300	50	/	100	0.7	0/+120
	350	350	2500	50	/	150		
	400	400	2650	50	/	200		
	450	450	2750	50	/	250		
	500	500	2800	50	/	300		
	550	550	2750	50	150	/	0.6	
	600	600	2700	50	175	/		
	650	650	2650	50	200	/		
	700	700	2550	50	225	/		
	750	750	2450	50	250	/	0.5	
	800	800	2350	50	275	/		
	850	850	2250	50	300	/		
	900	900	2150	50	325	/		
	950	950	2050	50	350	/		
	1000	1000	1950	50	375	/		
	1100	1100	1750	50	400	/	0.4	
	1200	1200	1650	50	425	/		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

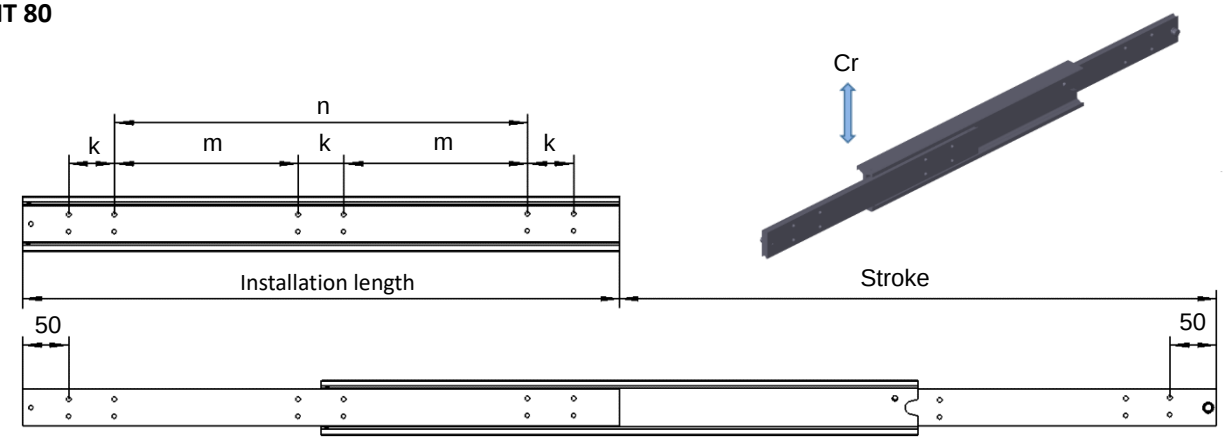
GHT 60



Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
GHT 60	400	400	5250	50	/	200	0.7	0/+120
	450	450	5350	50	/	250		
	500	500	5400	50	/	300		
	550	550	5500	50	/	350	0.6	
	600	600	5400	50	/	400		
	650	650	5350	50	200	/		
	700	700	5250	50	225	/		
	750	750	5100	50	250	/	0.5	
	800	800	4900	50	275	/		
	850	850	4700	50	300	/		
	900	900	4500	50	325	/		
	950	950	4300	50	350	/		
	1000	1000	4050	50	375	/		
	1100	1100	3700	50	425	/		
	1200	1200	3300	50	475	/	0.4	
	1300	1300	2900	50	525	/		
	1400	1400	2500	50	575	/		
	1500	1500	2100	50	625	/		
	1600	1600	1800	50	675	/		

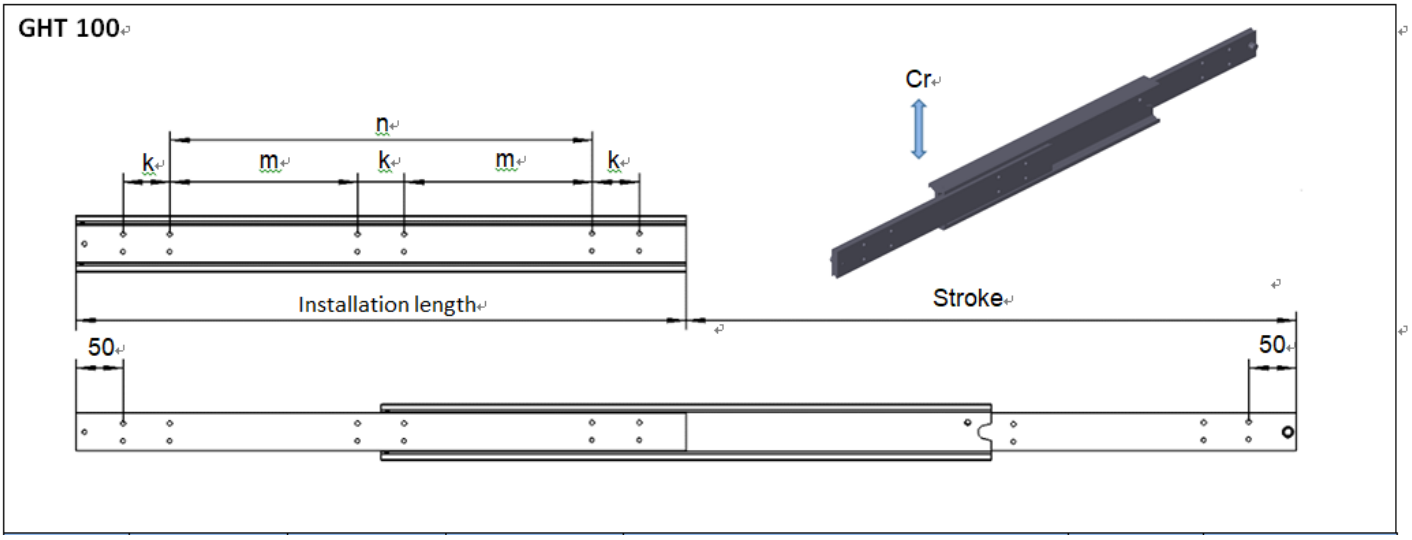
▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

GHT 80



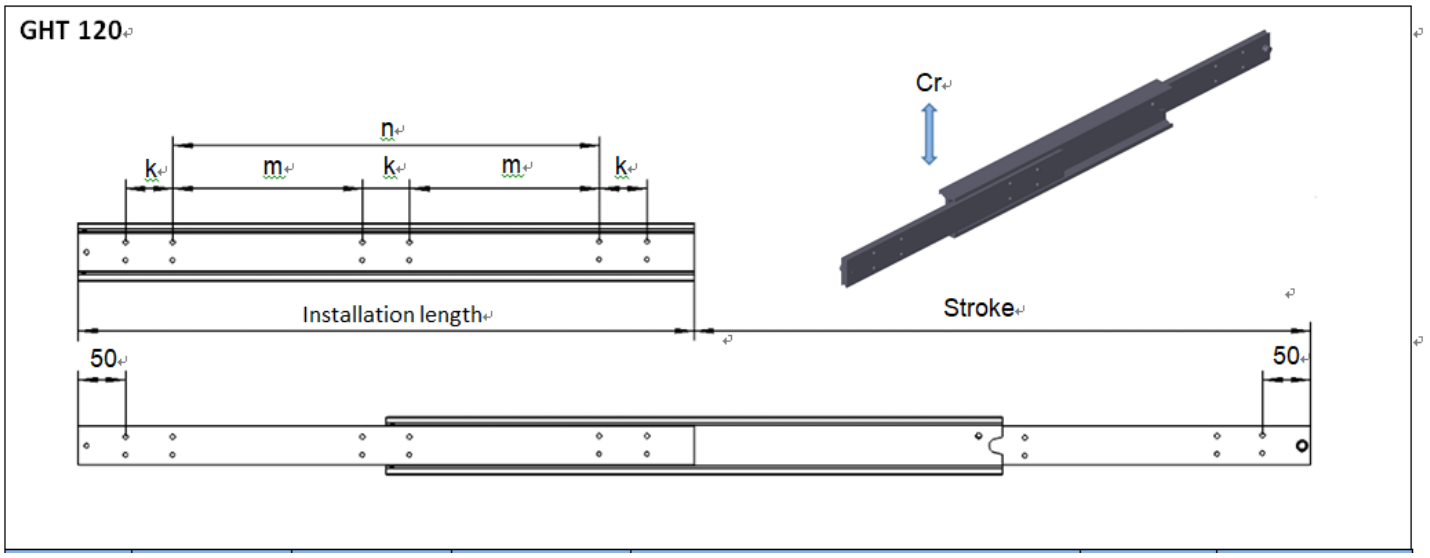
Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
GHT 80	600	600	9350	50	/	400	0.6	0/+120
	650	650	9200	50	200	/		
	700	700	9050	50	225	/		
	750	750	8800	50	250	/	0.5	
	800	800	8600	50	275	/		
	850	850	8350	50	300	/		
	900	900	8100	50	325	/		
	950	950	7850	50	350	/		
	1000	1000	7550	50	375	/		
	1050	1050	7300	50	400	/	0.4	
	1100	1100	7150	50	425	/		
	1150	1150	6950	50	450	/		
	1200	1200	6700	50	475	/		
	1250	1250	6450	50	500	/	0.3	
	1300	1300	6200	50	525	/		
	1350	1350	5950	50	550	/		
	1400	1400	5700	50	575	/		
	1450	1450	5500	50	600	/		
	1500	1500	5200	50	625	/		
	1550	1550	4900	50	650	/	0.2	
	1600	1600	4600	50	675	/		
	1650	1650	4350	50	700	/		
	1700	1700	4100	100	650	/		
	1750	1750	3850	100	675	/		
	1800	1800	3600	100	700	/		
	1850	1850	3300	100	725	/		
	1900	1900	3000	100	750	/		
	1950	1950	2750	100	775	/		
	2000	2000	2500	100	800	/		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.



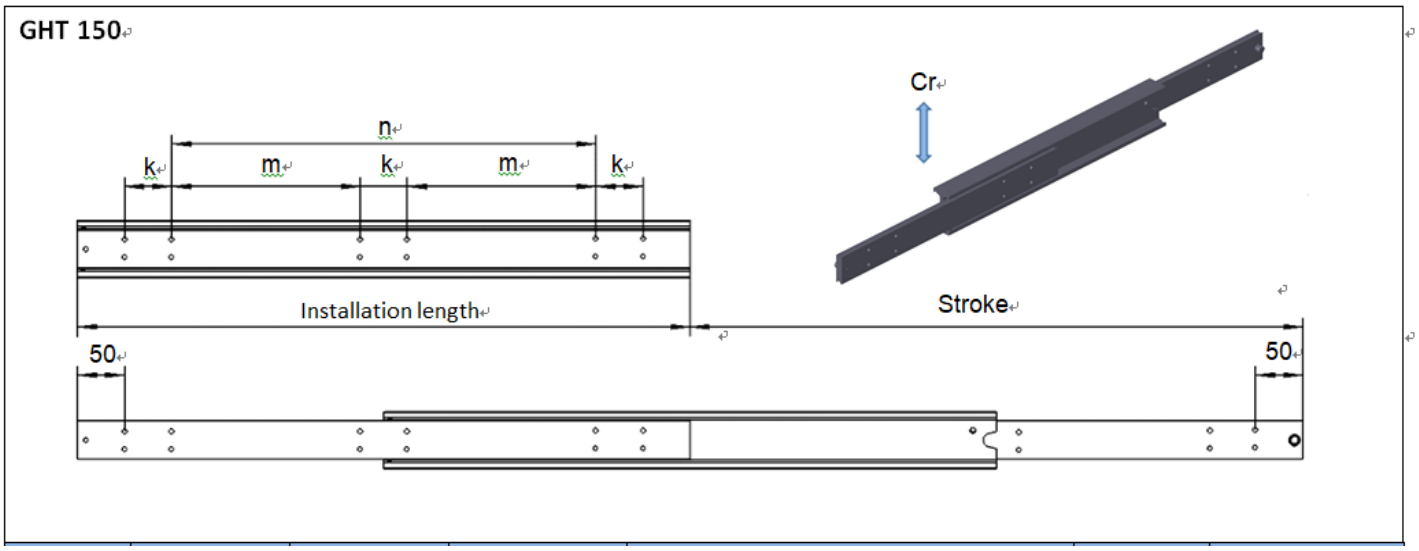
Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
GHT 100	600	600	9800	50	/	400	0.6	0/+120
	650	650	9550	50	200	/		
	700	700	11000	50	225	/		
	750	750	10750	50	250	/	0.5	
	800	800	10500	50	275	/		
	850	850	10250	50	300	/		
	900	900	10000	50	325	/		
	950	950	9750	50	350	/		
	1000	1000	9500	50	375	/		
	1100	1100	9000	50	425	/	0.4	
	1200	1200	8500	50	475	/		
	1300	1300	7900	50	525	/		
	1400	1400	7300	50	575	/		
	1500	1500	6700	50	625	/	0.3	
	1600	1600	6100	50	675	/		
	1700	1700	5500	100	650	/		
	1800	1800	4800	100	700	/	0.2	
	1900	1900	4100	100	750	/		
	2000	2000	3400	100	800	/		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.



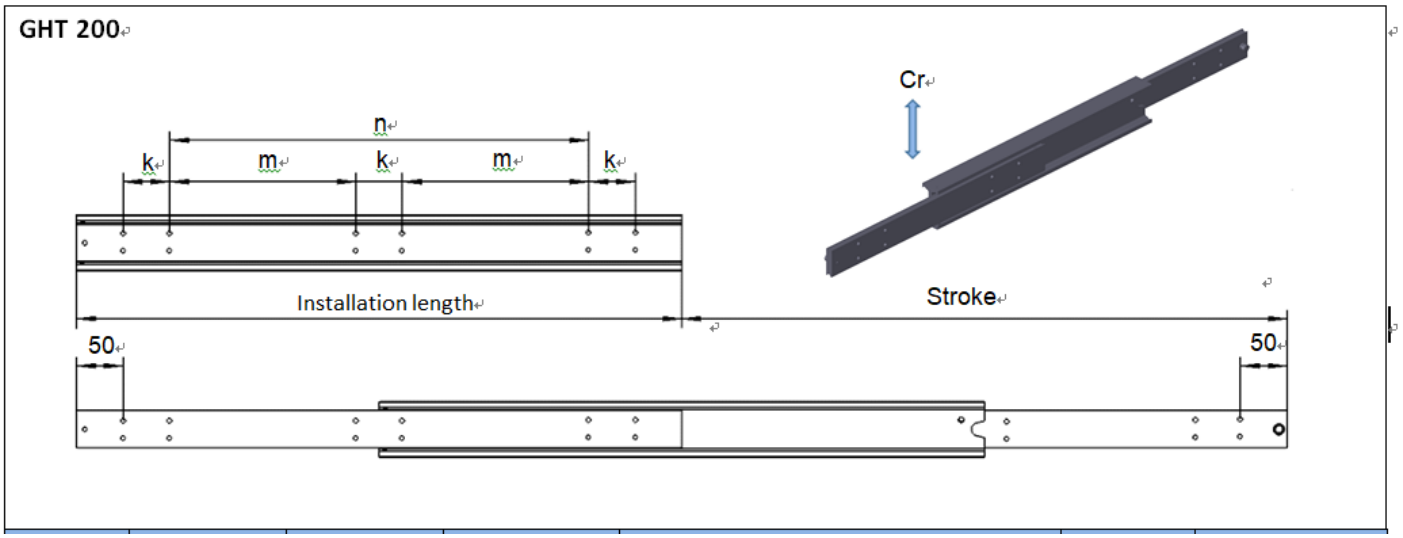
Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
GHT 120	700	700	11500	50	225	/	0.6	0/+120
	750	750	11000	50	250	/	0.5	
	800	800	10500	50	275	/		
	850	850	10250	50	300	/		
	900	900	10000	50	325	/		
	950	950	9800	50	350	/		
	1000	1000	9550	50	375	/		
	1100	1100	9250	50	425	/	0.4	
	1200	1200	8700	50	475	/		
	1300	1300	8250	50	525	/		
	1400	1400	7700	50	575	/		
	1500	1500	7250	50	625	/	0.3	
	1600	1600	6700	50	675	/		
	1700	1700	6250	100	650	/		
	1800	1800	5750	100	700	/	0.2	
	1900	1900	5250	100	750	/		
	2000	2000	4700	100	800	/		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.



Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
GHT 150	700	700	14000	50	225	/	0.6	0/+120
	750	750	13500	50	250	/	0.5	
	800	800	11000	50	275	/		
	850	850	10750	50	300	/		
	900	900	10500	50	325	/		
	950	950	9950	50	350	/		
	1000	1000	9700	50	375	/		
	1100	1100	9450	50	425	/	0.4	
	1200	1200	9200	50	475	/		
	1300	1300	8950	50	525	/		
	1400	1400	8700	50	575	/		
	1500	1500	8450	50	625	/	0.3	
	1600	1600	8200	50	675	/		
	1700	1700	7750	100	650	/		
	1800	1800	7500	100	700	/	0.2	
	1900	1900	7250	100	750	/		
	2000	2000	7000	100	800	/		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.



Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
GHT 200	700	700	15000	50	225	/	0.6	0/+120
	750	750	14500	50	250	/	0.5	
	800	800	12500	50	275	/		
	850	850	11750	50	300	/		
	900	900	10500	50	325	/		
	950	950	10000	50	350	/		
	1000	1000	9700	50	375	/		
	1100	1100	9450	50	425	/	0.4	
	1200	1200	9150	50	475	/		
	1300	1300	8850	50	525	/		
	1400	1400	8500	50	575	/		
	1500	1500	8250	50	625	/	0.3	
	1600	1600	7900	50	675	/		
	1700	1700	7650	100	650	/		
	1800	1800	7300	100	700	/	0.2	
	1900	1900	7000	100	750	/		
	2000	2000	6700	100	800	/		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

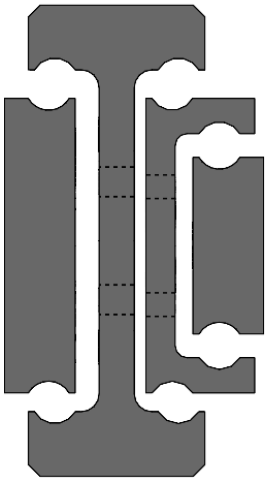
HTC Four stage telescopic rail

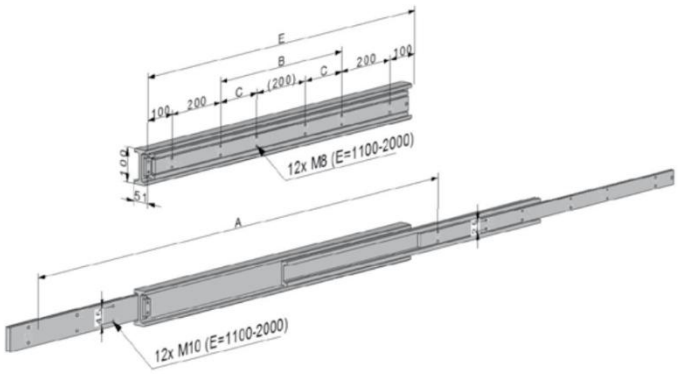
HTC consist of a high rigidity S-shaped intermediate connecting component and three TH rail stroke 150%

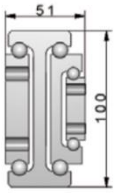
Feature：

√	Low proportion， compact， save installation space.
√	High load， max. 1000kg/pair.
√	Long life， the U-rail material is CF 53.
√	Applied for rail transit , automation and special vehicle.
√	Non-standard stroke according to requirement.
√	Strong limit block according to requirement.

Type	W (mm)	H (mm)	D (mm)	Installation hole Vs	Weight
HTC 60	60	32	25	M6	\
HTC 80	80	36	30	M8	\
HTC 100	100	44	35	M10	\
HTC 150	150	56	60	M12	\
HTC 200	150	72	60	M12	\

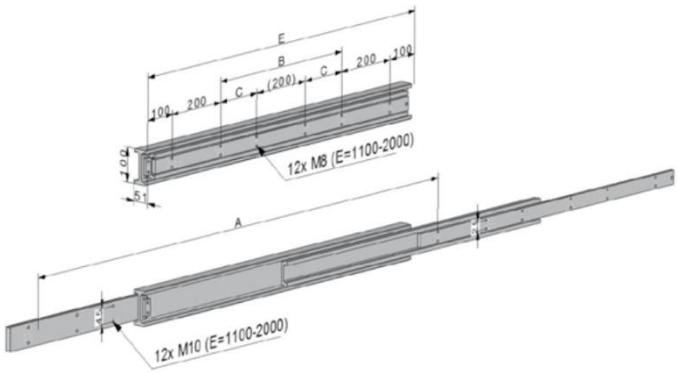


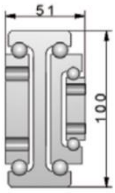




Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
HTC60	700	1050	3500	50	/	400	1.0	0/+120
	750	1125	3500	50	200	/		
	800	1200	3300	50	225	/		
	850	1275	3100	50	250	/	0.8	
	900	1350	2700	50	275	/		
	950	1425	2500	50	300	/		
	1000	1500	2300	50	325	/		
	1100	1650	2000	50	425	/	0.7	
	1200	1800	1700	50	475	/		
	1300	1950	1400	50	525	/		
	1400	2100	1100	50	575	/		
	1500	2250	1900	50	625	/	0.6	

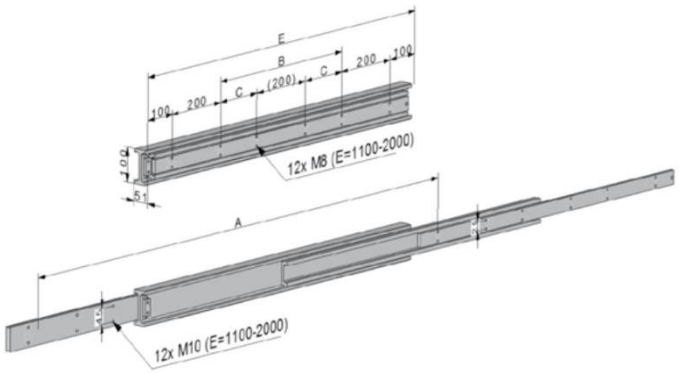
▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

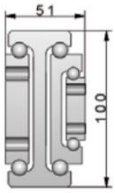




Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
HTC80	700	1050	4500	50	/	400	1.0	0/+120
	750	1125	4500	50	200	/		
	800	1200	4300	50	225	/		
	850	1275	4100	50	250	/	0.8	
	900	1350	3700	50	275	/		
	950	1425	3500	50	300	/		
	1000	1500	3300	50	325	/		
	1100	1650	3000	50	425	/	0.7	
	1200	1800	2700	50	475	/		
	1300	1950	2400	50	525	/		
	1400	2100	2100	50	575	/		
	1500	2250	1900	50	625	/	0.6	
	1600	2400	1600	50	675	/		

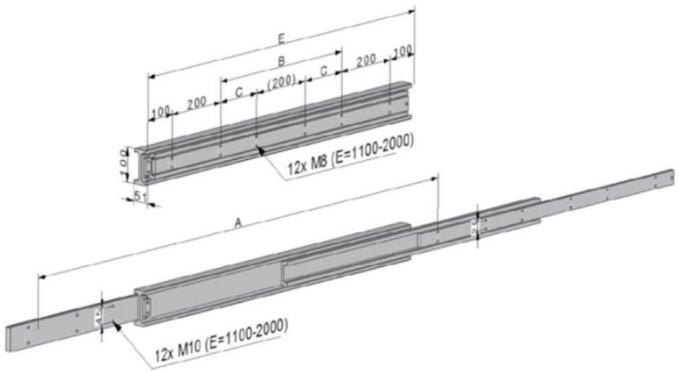
▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

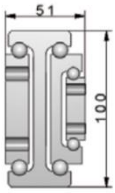




Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
HTC 100	700	1050	5500	50	/	400	1.0	0/+120
	750	1125	5500	50	200	/		
	800	1200	5300	50	225	/		
	850	1275	5100	50	250	/	0.8	
	900	1350	4700	50	275	/		
	950	1425	4500	50	300	/		
	1000	1500	4300	50	325	/		
	1100	1650	4000	50	425	/	0.7	
	1200	1800	3700	50	475	/		
	1300	1950	3400	50	525	/		
	1400	2100	3100	50	575	/		
	1500	2250	2900	50	625	/	0.6	
	1600	2400	2600	50	675	/		
	1700	2550	2300	100	650	/		
	1800	2700	2000	100	700	/	0.5	
	1900	2850	1700	100	750	/		
	2000	3000	1400	100	800	/		

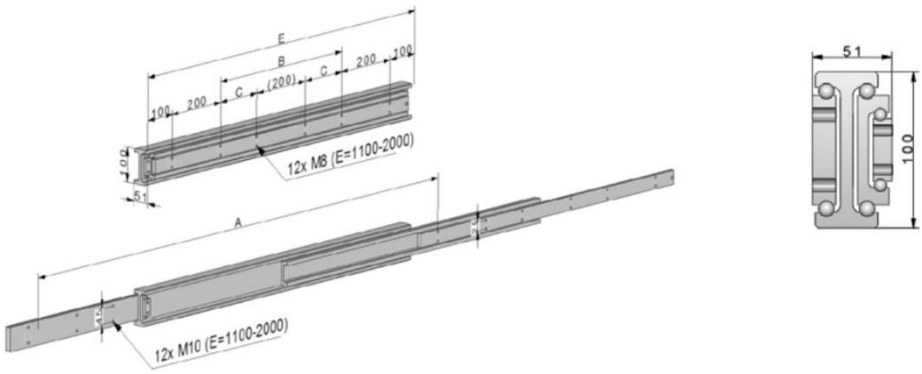
▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.





Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
HTC 120	700	1050	5500	50	/	400	1.0	0/+120
	750	1125	5500	50	200	/		
	800	1200	5300	50	225	/		
	850	1275	5100	50	250	/	0.8	
	900	1350	4700	50	275	/		
	950	1425	4500	50	300	/		
	1000	1500	4300	50	325	/		
	1100	1650	4000	50	425	/	0.7	
	1200	1800	3700	50	475	/		
	1300	1950	3400	50	525	/		
	1400	2100	3100	50	575	/		
	1500	2250	2900	50	625	/	0.6	
	1600	2400	2600	50	675	/		
	1700	2550	2300	100	650	/		
	1800	2700	2000	100	700	/	0.5	
	1900	2850	1700	100	750	/		
	2000	3000	1400	100	800	/		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.



Type	Length	Stroke	Load/pair	Installation hole			Speed	Temperature
			Cr	k	m	n		
	(mm)	(mm)	(N)	(mm)	(mm)	(mm)	(m/s)	(℃)
HTC 150	700	1050	7000	50	/	400	1.0	0/+120
	750	1125	7500	50	200	/		
	800	1200	7300	50	225	/		
	850	1275	7100	50	250	/	0.8	
	900	1350	6700	50	275	/		
	950	1425	6500	50	300	/		
	1000	1500	6300	50	325	/		
	1100	1650	6000	50	425	/	0.7	
	1200	1800	5700	50	475	/		
	1300	1950	5400	50	525	/		
	1400	2100	5100	50	575	/		
	1500	2250	4500	50	625	/	0.6	
	1600	2400	3900	50	675	/		
	1700	2550	3300	100	650	/		
	1800	2700	3000	100	700	/	0.5	
	1900	2850	2700	100	750	/		
	2000	3000	2300	100	800	/		

▲The table shows the reference load capacity of carbon steel slide rails. The load capacity of stainless steel slide rails is 60% of the reference value, and that of aluminum alloy slide rails is 40% of the reference value.

load capacity

The load capacity C in the product parameter table refers to the maximum load allowed at the center point P of the plane formed by the outermost movable part of the two symmetrically installed slide rails when they are fully extended.

$$F_P max \leq C$$

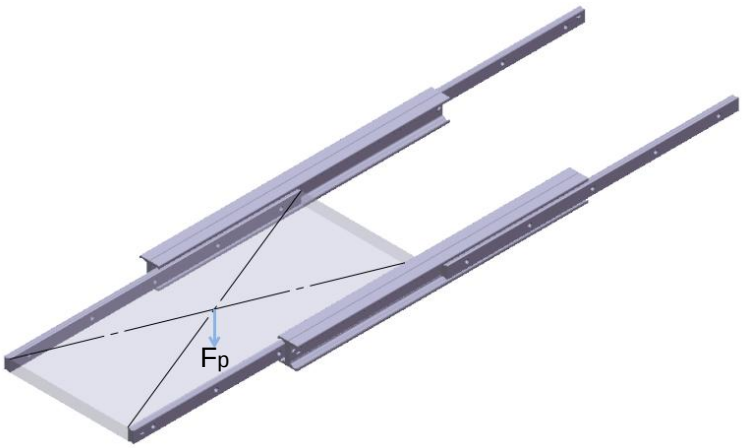
Safety factor

In practical use, impact and vibration can lead to excessively high loads on the slide rail, affecting its performance and mechanical strength, and posing unforeseeable risks. Therefore, it is particularly important to correctly select the safety factor of the system.

$$F_P \times S \leq C$$

S : the safety factor of the system.

F_P: actual load acting on point P.



Service life

The service life is the total distance traveled from the first use to the point when the slide rail components become severely worn and cannot be used further.

The service life is related to various factors such as slide rail load, operating speed, installation method, vibration and impact, working temperature, usage environment, lubrication and maintenance.

$$L_{km} = 100 \times \left(\frac{W}{F_P \times f_a}\right)^3$$

L_{km}: service life (km)。

W: load factor, which is related to the model and length of the slide rail.

f_a:Application coefficient, which is related to the operating conditions and usage environment.

▲This formula is only applicable to products processed by cold drawing.

Working environment	Working factor f_a
It operates at low speed with stability, low reversing frequency, and in a clean environment, without vibration or impact.	1.5—2.0
There is slight vibration, medium-speed operation, moderate commutation frequency, and the operating environment is slightly polluted.	2.0—2.5
It experiences impact and vibration, operates at high speed, has a high frequency of direction changes, and operates in a harsh environment.	2.5—3.0

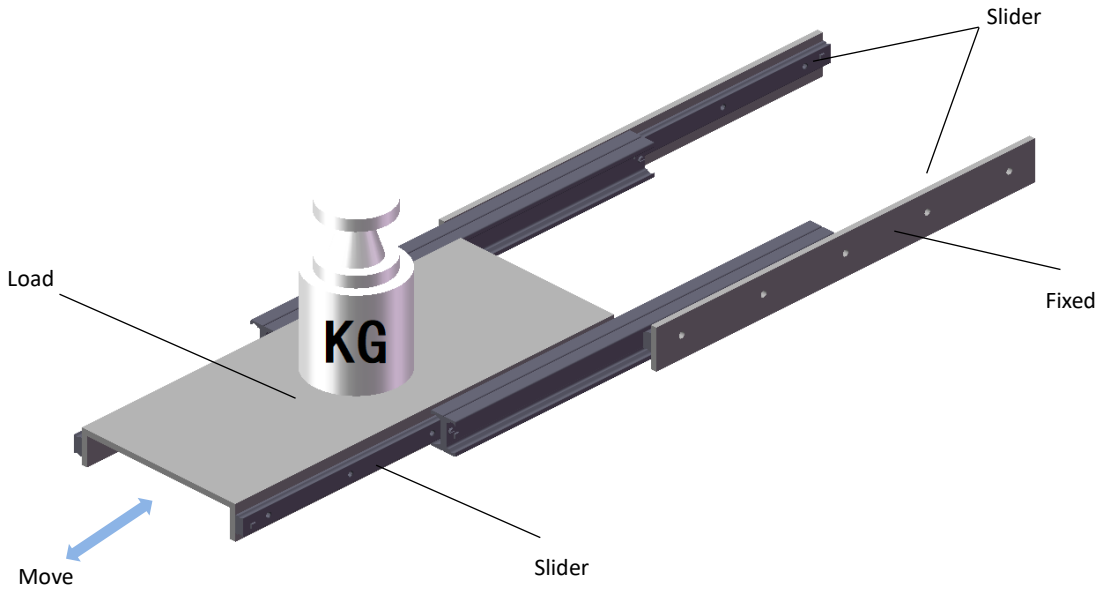
Load factor W				
Length	TH			
	22	28	43	63
130	747	1570	/	/
210	1678	2839	4118	/
290	2331	4846	7299	/
370	2997	6129	8629	/
450	/	7414	11884	/
530	/	8698	15212	/
610	/	10003	18585	27005
690	/	11288	19809	31874
770	/	12571	23179	36769
850	/	14600	26572	41679
930	/	15860	27772	46600
1010	/	17143	31158	51532
1090	/	18427	32366	56473
1170	/	19710	35748	61418
1250	/	/	39145	66368
1330	/	/	40340	71321
1410	/	/	43731	76279
1490	/	/	47135	81239
1570	/	/	50549	86202
1650	/	/	51719	91166
1730	/	/	55127	96133
1810	/	/	56306	101099
1890	/	/	59710	106069
1970	/	/	60892	111038

Load factor W				
Length	TFD			
	22	28	43	63
130	297	643	/	/
210	695	1179	1661	/
290	967	2075	3037	/
370	1242	2621	3553	/
450	/	3166	4975	/
530	/	3713	6444	/
610	/	4270	7945	11165
690	/	4815	8390	13250
770	/	5362	9887	15349
850	/	6277	11403	17458
930	/	6809	11830	19575
1010	/	7355	13340	21699
1090	/	7898	14863	23828
1170	/	8444	15280	25961
1250	/	/	16798	28098
1330	/	/	17222	30236
1410	/	/	18736	32377
1490	/	/	20259	34520
1570	/	/	21789	36664
1650	/	/	22194	38810
1730	/	/	23720	40957
1810	/	/	24131	43106
1890	/	/	25654	45256
1970	/	/	26069	47405

Load factor W			
Length	TFS		
	28	43	63
130	/	/	/
210	/	/	/
290	1553	/	/
370	2095	/	/
450	2639	/	/
530	3182	5616	/
610	3740	7072	9590
690	4286	7555	11626
770	4831	9018	13687
850	5724	10505	15766
930	6253	10962	17858
1010	6800	12449	19960
1090	7346	13950	22070
1170	7891	13763	24187
1250	8813	15892	26309
1330	9347	16339	28436
1410	9893	17836	30566
1490	10451	19343	32699
1570	/	19778	34835
1650	/	21285	36972
1730	/	22797	39112
1810	/	23227	41254
1890	/	24737	43396
1970	/	25169	45542

Load factor W			
Length	TFN		
	22	28	43
130	297	643	/
210	695	1179	1661
290	967	2075	3037
370	1242	2621	3553
450	/	3166	4975
530	/	3713	6444
610	/	4270	7945
690	/	4815	8390
770	/	5362	9887
850	/	6277	11403
930	/	6809	11830
1010	/	7355	13340
1090	/	7898	14863
1170	/	8444	15280
1250	/	/	16798
1330	/	/	17222
1410	/	/	18736
1490	/	/	20259
1570	/	/	21789
1650	/	/	22194
1730	/	/	23720
1810	/	/	24131
1890	/	/	25654
1970	/	/	26069

Load factor W			
Length	TFSE		
	28	43	63
130	/	/	/
210	/	/	/
290	976	/	/
370	1319	/	/
450	1663	/	/
530	2009	3578	/
610	2358	4516	6021
690	2704	4313	7313
770	3049	5749	8620
850	3625	6707	9941
930	3965	6982	11273
1010	4313	7938	12611
1090	4871	8906	13954
1170	5006	9171	15302
1250	/	10138	16654
1330	/	10406	18009
1410	/	11369	14323
1490	/	12339	20725
1570	/	12686	22086
1650	/	13570	23450
1730	/	14544	24815
1810	/	14800	26179
1890	/	15773	27545
1970	/	16033	28913



Type	Limit block		Installation direction		force direction		lubrication required
	Inter	Outer	Level	vertical	radial	axial	
TH	Yes	No	Yes	Yes	Yes	Yes	Yes
TFD	Yes	No	Yes	Yes	Yes	Yes	Yes
TFN	Yes	No	Yes	Yes	Yes	Yes	Yes
TFC	Yes	No	Yes	Yes	Yes	No	Yes
TFSE	Yes	No	Yes	Yes	Yes	No	Yes
CHTT	Yes	No	Yes	Yes	Yes	Yes	Yes
GHT	Yes	No	Yes	Yes	Yes	No	Yes
HTC	Yes	No	Yes	Yes	Yes	No	Yes

▲The internal limit stop is only used to brake the slider during no-load conditions and prevent the cage from falling off.

▲External limit stops are used to brake the slider during loading and provide protection for internal stops. When using slide rails, please correctly install external stops to ensure the braking performance of the slide rails and avoid component damage.

▲All series of slide rails can be installed horizontally or vertically.

▲The holder of the sliding rail will experience an offset during long-term high-speed and frequent reciprocating motion. This offset will affect the travel distance of the sliding rail, thereby impacting the operation and positioning of the entire system. The offset can be eliminated by driving the sliding rail to its maximum travel distance during no-load operation.

▲All series of slide rails require lubrication with grease, and suitable grease can be selected based on the actual working environment.

▲Proper maintenance can ensure the performance of the slide rail and extend its service life. It is recommended to perform lubrication maintenance every 180 days in cases of low usage frequency, and every 80km (cumulative total distance traveled) in cases of high usage frequency.

▲Please clean the slide rail carefully before lubricating.

▲Unless there are special circumstances, please do not disassemble it yourself. If you have any questions, please feel free to contact our company.

Selection Data Sheet

Customer Information:						
Consultation Date:				**Contact Person:**		
Company Name:				**Telephone ：**		
Address:				**E-mail:**		
Installation dimensions and load information ：						
Installation length ：				**Stroke:**		
Load(N)	**Cr:**		**Radial eccentric load distance ：**		**Safety factor:**	
	Ca:		**Axial eccentric load distance ：**		**Safety factor ：**	
Applied information:						
Application site and instructions ：						
Drive Type ：			**Radial deformation amount at the fully extended end ：**			
Environmental Information	**workplace**	**Temperature**	**humidity**	**dust and debris**	**Chemical**	**Other:**
	☐ indoor	☐ high temperature	☐ normal	☐ normal	☐ yes	
	☐ outdoor	☐ low temperature	☐ damp	☐ more	☐ no	
Selected product model ：						

▲You can fill out the above form according to your actual needs and send it to our company, so that we can quickly select a suitable product solution.

Ordering info.

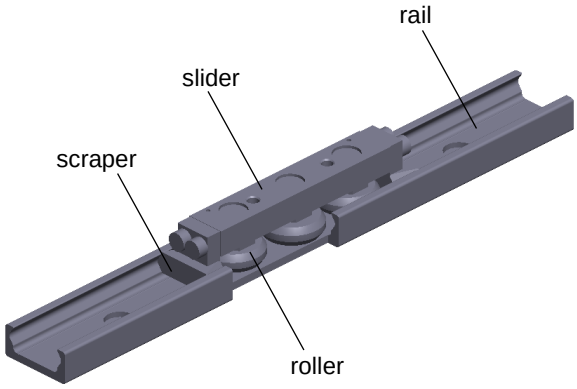
TH	**28**	**210**	**116**	**Z/N**
			Stroke	Surface Treatment：Zin ； Nickle
		Length		
	Product Specifications			

Type：TH/TFD//TFN/TFS/TFSE/CHTT/GHT/HTC

Example：TH28-210-116-Z

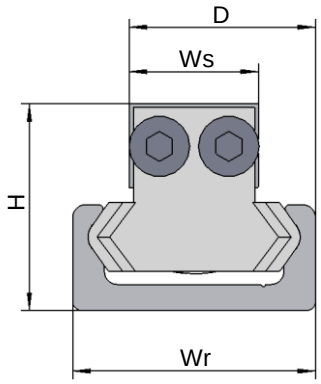
▲If you require non-standard customized products, please confirm with our company before placing an order.

▲CHTT、GHT、HTC ;products are defaulted to be made of carbon steel. If you require slide rails made of stainless steel or aluminum alloy, please confirm with our company before ordering.



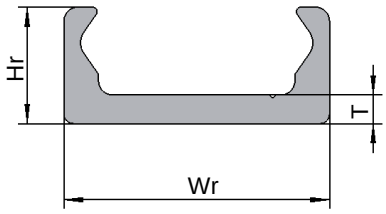
Feature：	
√	Compact structure, saving installation space.
√	The roller slider prevents parts from falling off when separated from the rail, making installation convenient.
√	The rollers that make up the slider are divided into concentric rollers and eccentric rollers, which can effectively adjust the gap between the slider and the rail.
√	The roller slider has lower operating noise.
√	The roller slider has stronger adaptability and can be applied to complex and harsh usage environments.
√	The roller requires no lubrication for life and is easy to maintain.
√	The slider is equipped with scrapers on both sides to clean impurities from the rail surface.
√	The rail and slider are made of high-quality carbon steel, while the roller is made of bearing steel.
√	The surfaces of the rail and slider are galvanized, providing strong corrosion resistance.
√	Maximum operating speed: 6m/s.
√	Operating temperature range: -20℃ to +170℃.

Rail + Slider dimension

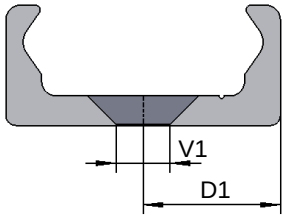


Specifications	Wr (mm)		H (mm)		Ws (mm)		D (mm)	
GLR28-SR28	28	+0.25 -0.10	23.9	+0.15 -0.15	14.9	0 -0.10	21.7	+0.05 -0.35
GLR43-SR43	43	+0.35 -0.10	37	+0.15 -0.15	24.9	0 -0.15	34.3	+0.10 -0.30
GLR63-SR63	63	+0.35 -0.10	49.8	+0.15 -0.15	39.5	+0.15 0	51.6	+0.15 -0.30

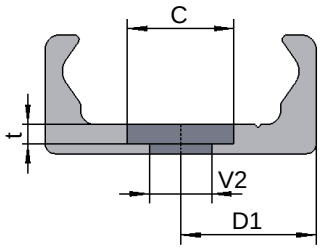
dimension



GLR

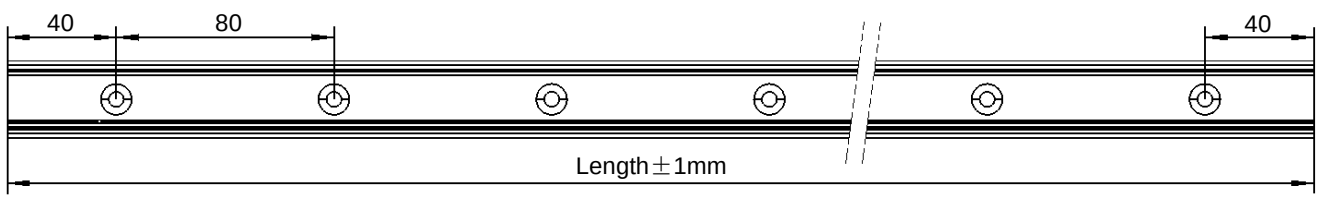


V-shaped mounting holes



C-shaped mounting holes

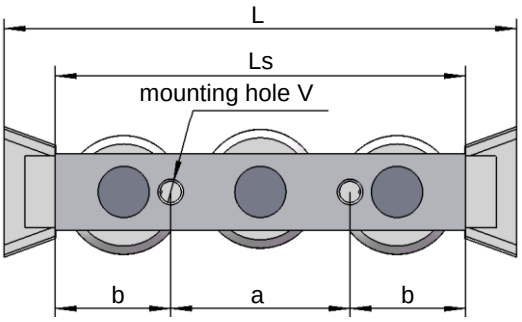
Type	Wr (mm)	Hr (mm)	T (mm)	D1 (mm)	V1	V2	t (mm)	C (mm)	Weight
GLR 28	28	12.25	3.0	14	Ø5.5	Ø5.5	2	11	1.0
GLR 43	43	21	4.5	21.5	Ø8.5	Ø8.5	3.1	18	2.6
GLR 63	63	28	8.0	31.5	Ø8.5	Ø8.5	5.2	15	6.0



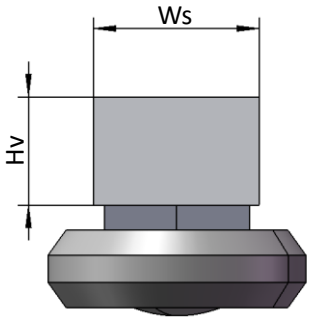
Standard length (mm)	160-240-320-400-480-560-640-720-800-880-960-1040-1120-1200-1280-1360-1440-1520-1600-1680-1760-1840-1920-2000-2080-2160-2240-2320-2400-2480-2560-2640-2720-2800

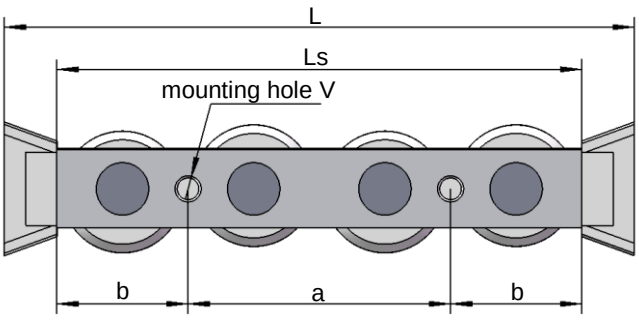
Slider configuration scheme and dimensional

SR3（Three roller）

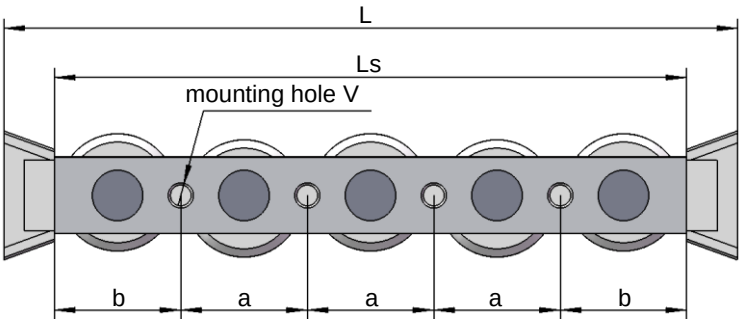


SR4 L/R（Four roller）



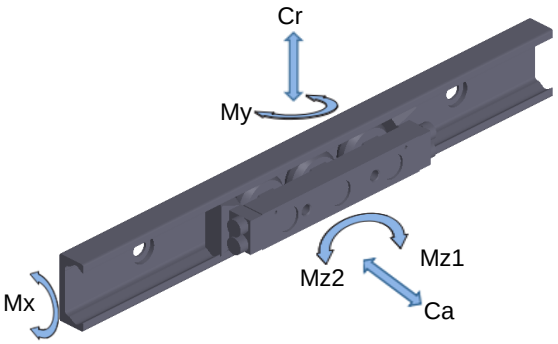


SR5（Five roller）



Type	L (mm)	Ls (mm)	a (mm)	b (mm)	Ws (mm)	Hv (mm)	V	Weight (kg)	Roller number	mounting hole number
SR28-3	100	80	35	22.5	14.9	9.7	M5	0.155	3	2
SR28-4L	120	100	50	25	14.9	9.7	M5	0.195	4	2
SR28-4R	120	100	50	25	14.9	9.7	M5	0.195	4	2
SR28-5	145	125	25	25	14.9	9.7	M5	0.24	5	4
SR43-3	140	120	55	32.5	24.9	14.5	M8	0.53	3	2
SR43-4L	170	150	80	35	24.9	14.5	M8	0.68	4	2
SR43-4R	170	150	80	35	24.9	14.5	M8	0.68	4	2
SR43-5	210	190	40	35	24.9	14.5	M8	0.84	5	4
SR63-3	200	180	54	9	39.5	19.5	M8	1.67	3	4
SR63-4L	255	235	54	9.5	39.5	19.5	M8	2.18	4	5
SR63-4R	255	235	54	9.5	39.5	19.5	M8	2.18	4	5
SR63-5	310	290	54	10	39.5	19.5	M8	2.68	5	6

Slider load capacity



Type	Load capacity					
	Cr	Ca	Mx	My	Mz1	Mz2
	(N)	(N)	(Nm)	(Nm)	(Nm)	(Nm)
SR28-3	1953	576	6	14	24	24
SR28-4L	1953	675	10	20	24	74
SR28-4R	1953	675	10	20	74	24
SR28-5	2322	810	10	26	74	74
SR43-3	4950	1413	21	54	94	94
SR43-4L	4950	1670	39	73	94	282
SR43-4R	4950	1670	39	73	282	94
SR43-5	5886	1994	47	122	282	282
SR63-3	11250	5400	113	244	330	330
SR63-4L	11250	6480	225	372	330	990
SR63-4R	11250	6480	225	372	990	330
SR63-5	13500	7650	225	460	990	990

▲ The table shows the load capacity of a slider.

Frictional resistance

The friction coefficient of the linear guideway itself consists of three parts: the friction coefficient between the roller and the raceway surface, the friction coefficient of the roller radial seal, and the friction coefficient between the scraper and the rail. This value is approximately 0.01.

Safety factor

The safety factor is used to reflect the safety level of the entire sliding system, and it represents the ratio of the maximum allowable load to the actual load in various directions.

In practical use, impact and vibration can lead to excessively high loads on the slide rail, affecting its performance and mechanical strength, and posing unforeseeable risks. Therefore, it is particularly important to correctly select the safety factor of the system.

$F \times S \leq C$	C: represents the rated load of the system. F: represents the external equivalent load applied to the system. S: represents the safety factor of the system.

Service life

The service life refers to the total distance traveled from the initial use until the rail components show severe wear and cannot be used any longer.

$L_{km} = 100 \times \left(\frac{W}{F} \times \frac{f_s}{f_a} \times f_h\right)^3$	*Lkm* : the theoretical service life, measured in kilometers. *W*: epresents the load factor, which is related to the model of the slider, with the unit being N. *F* : epresents the external equivalent load applied to the system, with the unit of N. *fs* :the slider coefficient, which is related to the number of sliders. *fa* :the application coefficient, which is related to the installation and usage of the system. *Fh: the stroke coefficient, which is related to the overall stroke of the system.*

Slider number	1	2	3	4
Slider factor : f_s	1.00	0.80	0.70	0.65
Stroke	≤1000mm		1.25	
Stroke factor : f_h	>1000mm		1.00	

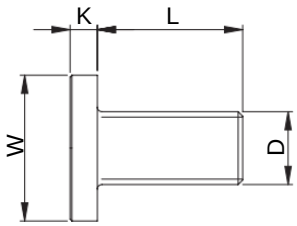
Slider type	SR28-3	SR28-4L	SR28-4R	SR28-5	SR43-3	SR43-4L
Load factor *W*	3834	3834	3834	4559	11052	11052
Slider type	SR43-4R	SR43-5	SR63-3	SR63-4L	SR63-4R	SR63-5
Load factor *W*	11052	13208	27675	27675	27675	32940

runtime environment	**application coefficient: f_a**
There is no impact or vibration, and it operates at a low speed (≤1m/s) with stability and low reversing frequency.	1—1.5
There is slight vibration, no impact, medium operating speed (≤2.5m/s), and medium reversing frequency.	1.5—2
High-speed operation (≥2.5m/s), with impact and vibration, and high reversing frequency.	2—3.5

Fixing bolt

For V-shaped mounting hole rails, please use bolts compliant with the DIN7991 standard.
For C-type mounting holes, please select bolts according to the parameters in the table below and the right figure.

Rail Specifications	D (mm)	W (mm)	L (mm)	K (mm)
28	M5×0.8	10	10	2
43	M8×1.25	16	16	3
63	M8×1.25	13	20	5



Slider adjustment

The SR slider adopts a combination of concentric and eccentric rollers, allowing for flexible adjustment of the gap between the roller and the rail, ensuring smooth and stable operation of the entire system.
Please use the correct tool and follow the steps below to make the adjustment:

1. Remove the scrapers on both sides of the slider and place the slider at one end of the rail.
2. Insert the adjustment card plate through the gap between the slider and the rail, and secure the hexagonal shaft pin of the eccentric roller.
3. Use a wrench to slightly loosen the bolt above the eccentric wheel, rotate the adjustment plate, and simultaneously push the slider with your hand to slide it within the rail, finding the most suitable gap.
4. Fix the adjustment plate, use a wrench to tighten the bolt above the eccentric wheel, and then pull out the adjustment plate.
5. Push the slider again with your hand to make it slide from one end to the other end within the rail. Repeat this several times to confirm that the sliding is smooth and steady.
6. Install and restore the scraper blades on both sides, and complete the adjustment.

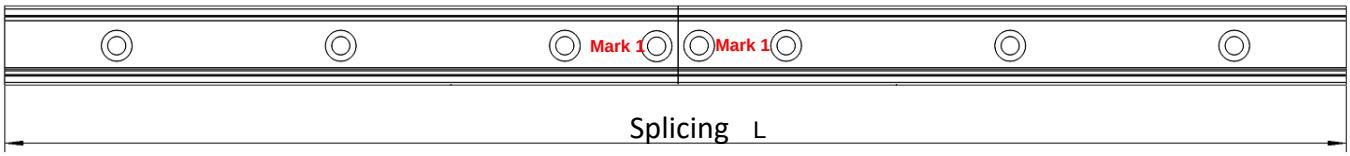
Rail splicing

By splicing two or more rails together, a combined rail of greater length can be obtained. When splicing, the following points should be noted:

1、 1. Please use a dedicated tool for splicing and alignment.
2、 2. When splicing, it is important to ensure that the splicing end markers correspond one-to-one.
3、 When splicing two sets of parallel rails, it is important to ensure that the splices are not symmetrically distributed.
4、 4. For specific information, please consult our company.

Splicing of two rails

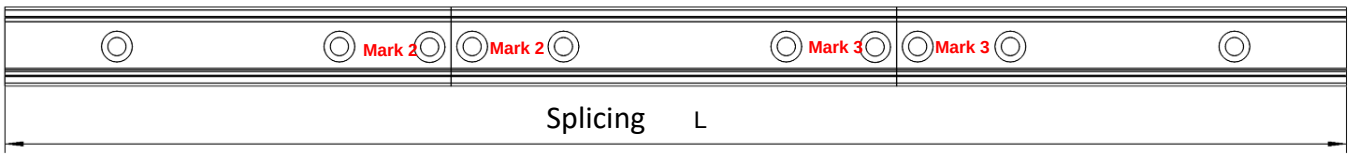
Splicing



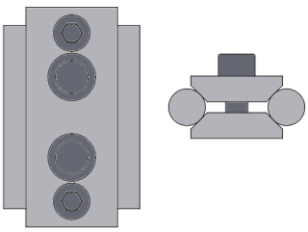
splicing of multiple rails

Splicing

Splicing



Splicing alignment tool



Specifications	Splicing alignment tool
28	ZH 28
43	ZH 43
63	ZH 63

Lubrication

Proper lubrication can reduce the friction and wear between the roller and the rail, enhance the stability and service life of the system, and lower the noise during system operation.

We recommend performing lubrication maintenance for the system every 180 days of operation or after accumulating 100km of operation.

Please select the appropriate lubricating grease based on the actual on-site usage conditions.

Corrosion protection

GLR is treated with electrolytic galvanizing process, and nickel-plated versions are also available.

Selection Data Sheet

Customer Information:					
Consultation Date:			Contact Person:		
Company Name:			Telephone ：		
Address:			E-mail:		
Installation dimensions and load information ：					
Installation length ：			Stroke:		

	Cr (N)	Ca (N)	Mx (Nm)	My (Nm)	Mz (Nm)
Load					
Safety factor					

Applied information:					
Application site and instructions ：					
Drive Type ：		Speed:		Acceleration ：	

	workplace	Temperature	humidity	dust and debris	Chemical	Other:
Environmental Information	☐ indoor	☐ high temperature	☐ normal	☐ normal	☐ yes	
	☐ outdoor	☐ low temperature	☐ damp	☐ more	☐ no	

Selected product model ：

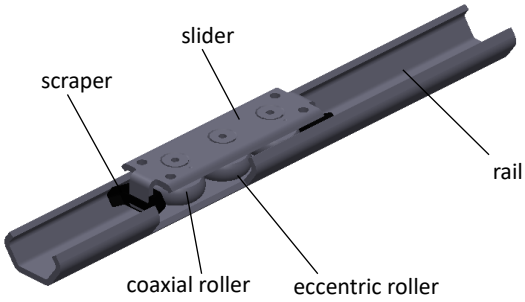
▲You can fill out the above form according to your actual needs and send it to our company, so that we can quickly select a suitable product solution.

Rail ordering info.

GLR	28/43/63	400	Z/N	V/C	
				Rail installation holes type	
			Surface Treatment： Zin-Z ; Nickle-K		
		Length			
	Product Specifications				
Type					

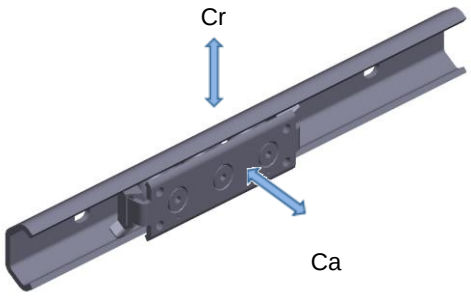
Slider ordering info.

SR	28/43/63	3/4/5	P/S		
			Seal ring category: P-plastic; S-metal		
		Roller number			
	Product Specifications				
Type					



Feature：	
√	Compact structure, saving installation space.
√	The roller slider is easy to install.
√	The rolling wheel requires no lubrication for life and is easy to maintain
√	The roller in the middle of the slider is an eccentric roller, used to adjust the gap between the roller and the rail.
√	The two sides of the slider are equipped with scrapers for cleaning impurities from the raceway surface.
√	The surfaces of the rail and slider are galvanized, providing strong corrosion resistance.
√	Maximum operating speed: 1.5m/s.
√	Operating temperature range: -20℃ to +120℃.

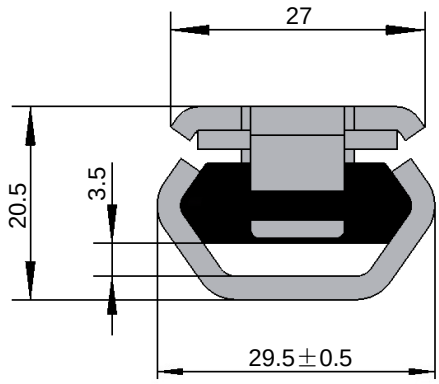
load capacity and diagram



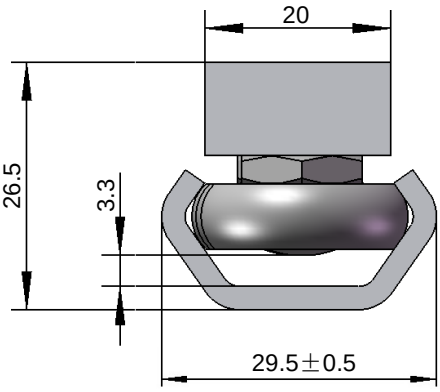
Type	Cr	Ca
GLS30-SX3-BHK	783N	392N
GLS30-SX3-HHK	783N	392N

▲The above is the load capacity of a slider.
▲Choose the SX3-BHK or SX3-HHK slider according to different installation space requirements.
▲Two sliders can be used to alleviate the overturning load.

Rail + slider size parameters

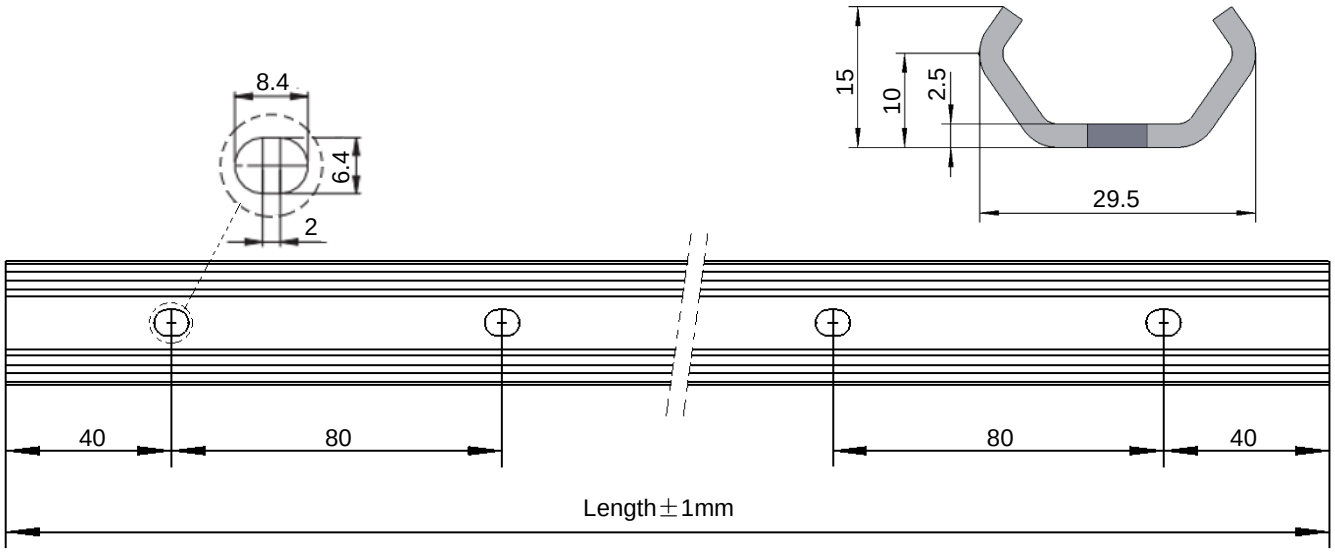


GLS30-SX1-BHK



GLS30-SX2-HHK

dimension



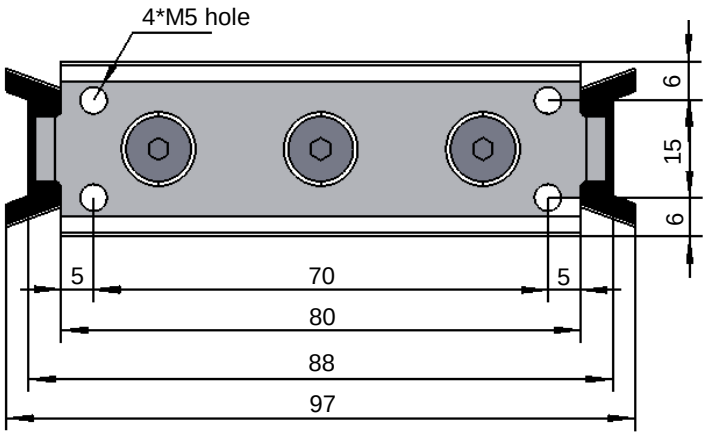
Length (mm)	160-240-320-400-480-560-640-720-800-880-960-1040-1120-1200-1280-1360-1440-1520-1600-1680-1760-1840-1920-2000-2080-2160-2240-2320-2400-2480-2560-2640-2720-2800-2880-2960-3040-3120

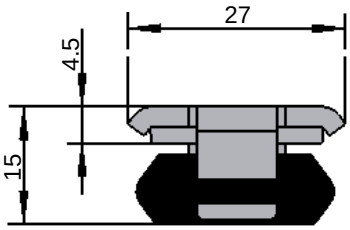
▲The above are standard inventory lengths.

▲Special length rails can be customized according to requirements. For details, please consult our company.

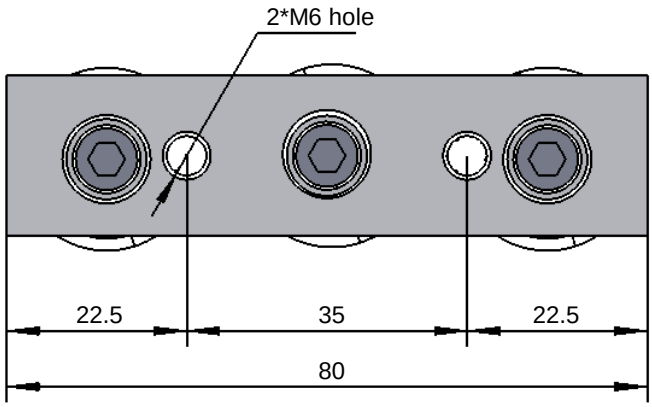
Slider size

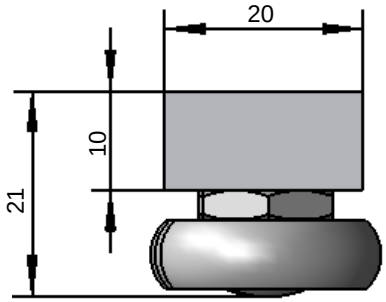
SX1-BHK



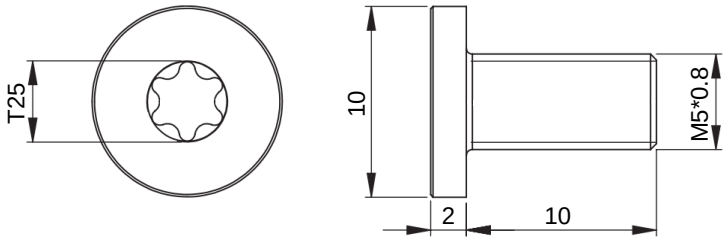


SX2-HHK





Fixing bolt



eccentric roller adjustment

Both the SX1 (GLX30-BHK) and SX2 (GLX30-HHK) slide blocks utilize a combination of concentric rollers on both sides and eccentric rollers in the middle. This design allows for flexible adjustment of the gap between the rollers and the rail, ensuring smooth and stable operation of the entire system.

Please use the correct tool and follow the steps below to make adjustments:

1. Remove the scrapers on both sides of the slider and place the slider at one end of the rail.
2. Insert the adjustment card plate through the gap between the slider and the rail, and secure the hexagonal shaft pin of the eccentric roller.
3. Use a wrench to slightly loosen the bolt above the eccentric wheel, rotate the adjustment plate, and simultaneously push the slider with your hand to slide it within the rail, finding the most suitable gap.
4. Fix the adjustment plate, use a wrench to tighten the bolt above the eccentric wheel, and then pull out the adjustment plate.
5. Push the slider again with your hand to make it slide from one end to the other end within the rail. Repeat this several times to confirm that the sliding is smooth and steady. The adjustment is now complete.
6. Reinstall the scraping blades on both sides and complete the adjustment.

Lubrication and maintenance

Proper lubrication can reduce the friction and wear between the roller and the rail, enhance the stability and service life of the system, and lower the noise during system operation.

We recommend performing lubrication maintenance for the system every 180 days of operation or after accumulating 100km of operation.

Please select the appropriate lubricating grease based on the actual on-site usage conditions.

corrosion protection

surfaces of the GLS series products are treated with electrolytic galvanizing process.

Selection Data Sheet

Customer Information:					
Consultation Date:			**Contact Person:**		
Company Name:			**Telephone ：**		
Address:			**E-mail:**		
Installation dimensions and load information ：					
Installation length ：			**Stroke:**		
Load	**Cr (N)**	**Ca (N)**	**Mx (Nm)**	**My (Nm)**	**Mz (Nm)**
Safety factor					

Applied information:						
Application site and instructions ：						
Drive Type ：		**Speed:**		**Acceleration ：**		
Environmental Information	**workplace**	**Temperature**	**humidity**	**dust and debris**	**Chemical**	**Other:**
	☐ indoor	☐ high temperature	☐ normal	☐ normal	☐ yes	
	☐ outdoor	☐ low temperature	☐ damp	☐ more	☐ no	
Selected product model ：						

▲You can fill out the above form according to your actual needs and send it to our company, so that we can quickly select a suitable product solution.

Rail ordering info.

GLS/X	**30**	**400**	**Z/N**		
			Surface Treatment：Zin-Z ; Nickle-K		
		Length			
	Product Specifications				
Type					

Slider ordering info.

SX	**1-BHK/2-HHK**	**P/S**			
		Seal ring category: P-plastic; S-metal			
	Product Specifications				
Type					

NOTE 1

NOTE 2

NOTE 3

NOTE 4

Fuline®

Telescopic linear slide manufacturer

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