

> TLN

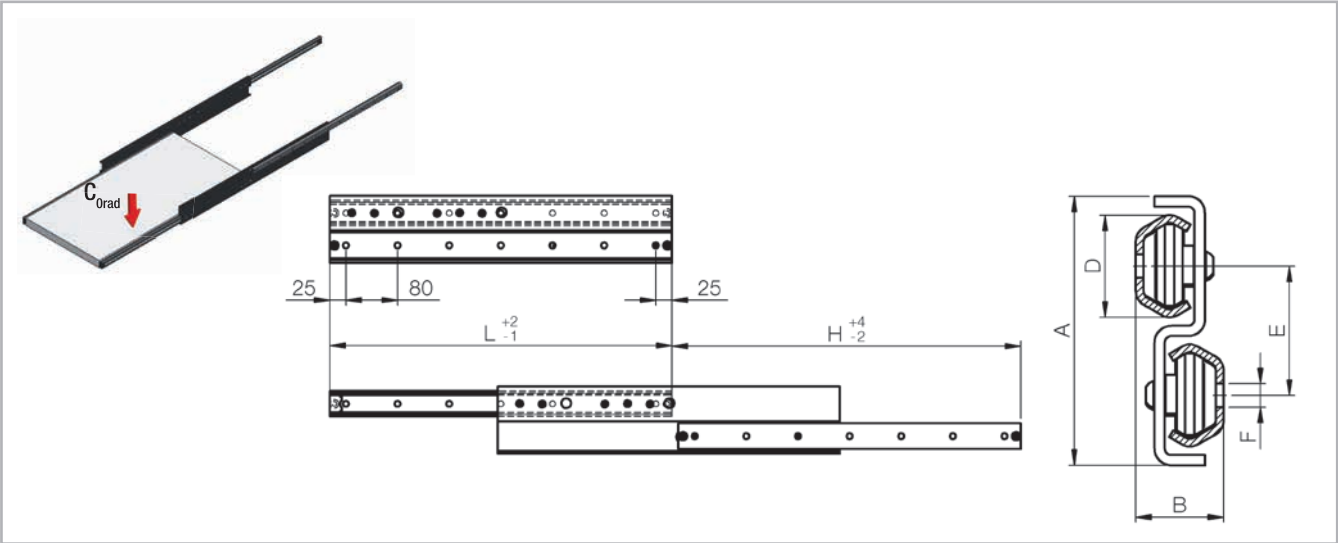


Fig. 33

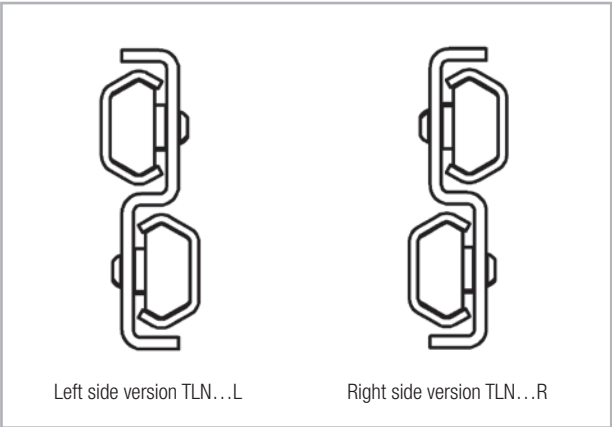


Fig. 34

Code	Size	A [mm]	B [mm]	D [mm]	E [mm]	F [mm]	Fixing screw
TLN	30	76	23,9	29,5	37	Ø 6,5	KIT-40.VC-SP01.0510.ZB
							M5 ISO7380
	40	104	33,8	39,5	50	Ø 9	KIT-40.VC-SP01.0816.ZB
							M8 ISO7380

The fixing holes on TLN are through passing holes for standard Button-head screws ISO 7380 or alternatively very Flat-head ROLLON TORX screws 40.VC-SP01

Tab. 11

Version	Characteristics
BASIC	Roll formed steel rails with patented "ROLLON-NOX" ; nitride hardening and black oxidation treatment. The rails are cut to size after treatment, so the rail ends are protected by protective spray. The rollers are core hardened steel, while the intermediate steel S-element is protected with black epoxi electro coating - "ROLLON e-coating".
Q	As a basic TLN product but with additional black "ROLLON e-coating" on the rails, for high corrosion resistance (min 700 hours resistance in salt fog) . The rail has no ROLLON e-coating on the raceway contact area with the rollers, as masked before the treatment. The raceways are anyhow with standard oxidation while the wipers with incorporated pre-oiled felt assure lubrication and corrosion protection of raceways.

Tab. 12

4 Dimensions and load capacity

Code	Size	Length L [mm]	Stroke H [mm]	Dynamic coefficient C [N]	Load capacity for a pair of rails Co _{rad} [N]	Weight [kg]	Size	Length L [mm]	Stroke H [mm]	Dynamic coefficient C [N]	Load capacity for a pair of rails Co _{rad} [N]	Weight [kg]
TLN	30	290	300	369	1086	1,2						
		370	380	431	1266	1,5						
		450	460	480	1412	1,8	30HP	450	460	720	2118	1,9
		530	540	516	1516	2,2		530	540	773	2274	2,2
		610	620	540	1588	2,5		610	620	810	2382	2,5
		690	700	560	1646	2,8		690	700	840	2470	2,8
		770	780	570	1676	3,1		770	780	861	2534	3,1
		850	860	578	1700	3,4		850	860	879	2586	3,4
		930	940	583	1714	3,7		930	940	895	2624	3,7
		1010	1020	589	1732	4,0		1010	1020	907	2440	4,0
		1090	1100	592	1740	4,3		1090	1100	918	2278	4,3
		1170	1180	596	1752	4,6		1170	1180	927	2138	4,6
		1250	1260	599	1764	4,9		1250	1260	935	2012	4,9
		1330	1340	601	1768	5,2		1330	1340	942	1902	5,2
		1410	1420	604	1776	5,5		1410	1420	948	1802	5,6
		1490	1500	606	1712	5,8		1490	1500	954	1712	5,9

Tab. 13

Code	Size	Length L [mm]	Stroke H [mm]	Dynamic coefficient C [N]	Load capacity for a pair of rails Co _{rad} [N]	Weight [kg]	Size	Length L [mm]	Stroke H [mm]	Dynamic coefficient C [N]	Load capacity for a pair of rails Co _{rad} [N]	Weight [kg]
TLN	40	450	460	797	2344	3,7						
		530	540	889	2614	4,3						
		610	620	959	2820	4,9	40HP	610	620	1438	4230	5,1
		690	700	1011	2974	5,5		690	700	1517	4462	5,7
		770	780	1051	3090	6,1		770	780	1576	4634	6,3
		850	860	1084	3188	6,7		850	860	1626	4782	6,9
		930	940	1110	3264	7,3		930	940	1665	4896	7,5
		1010	1020	1133	3332	7,9		1010	1020	1700	5000	8,1
		1090	1100	1153	3390	8,5		1090	1100	1729	5086	8,7
		1170	1180	1168	3436	9,1		1170	1180	1753	5154	9,2
		1250	1260	1183	3480	9,7		1250	1260	1775	5220	9,8
		1330	1340	1195	3514	10,2		1330	1340	1792	5200	10,4
		1410	1420	1207	3548	10,8		1410	1420	1810	4936	11,0
		1490	1500	1217	3578	11,4		1490	1500	1825	4696	11,6
		1570	1580	1225	3604	12,0		1570	1580	1838	4478	12,2
		1650	1660	1230	3620	12,6		1650	1660	1850	4280	12,8
		1730	1740	1235	3634	13,2		1730	1740	1860	4098	13,4
		1810	1820	1238	3642	13,8		1810	1820	1870	3932	14,0
		1890	1900	1240	3648	14,4		1890	1900	1880	3778	14,6
		1970	1980	1244	3636	15,0		1970	1980	1888	3636	15,2

Tab. 14