Product dimensions ⌄

❯ Rail T, U, K
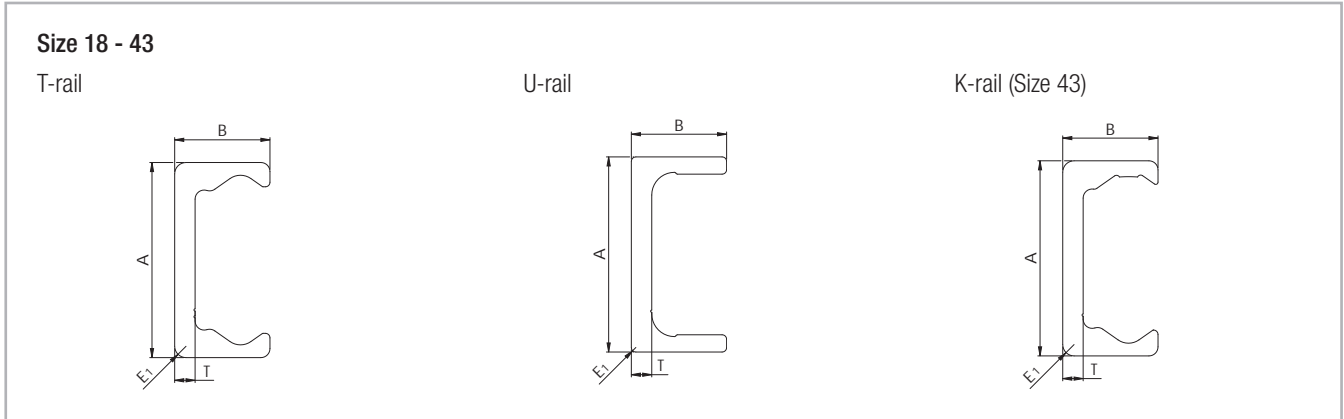
Size 18 - 43

T-rail   U-rail   K-rail (Size 43)

Fig. 23

Size 63

T-rail   U-rail   K-rail

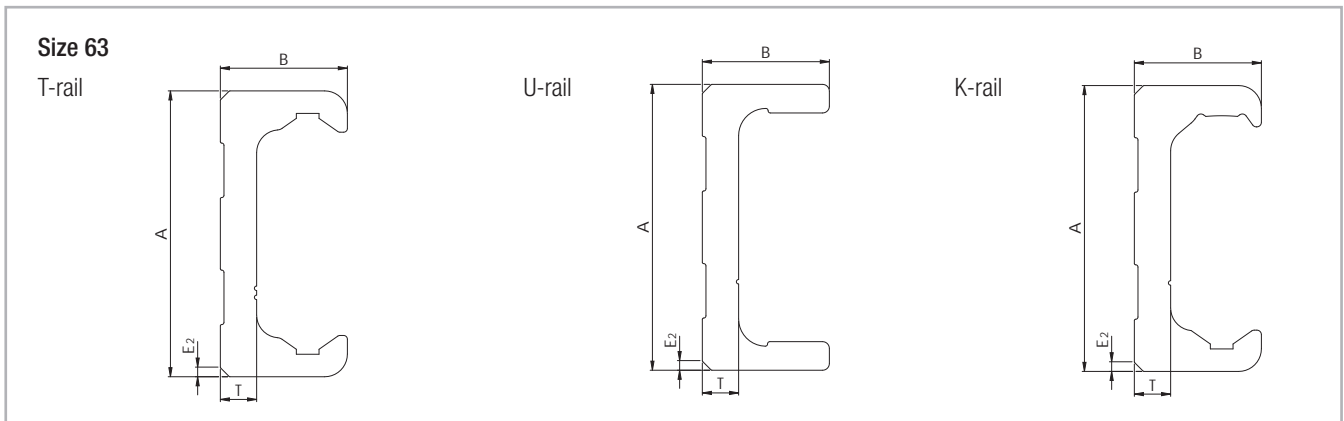

Fig. 24

Holes

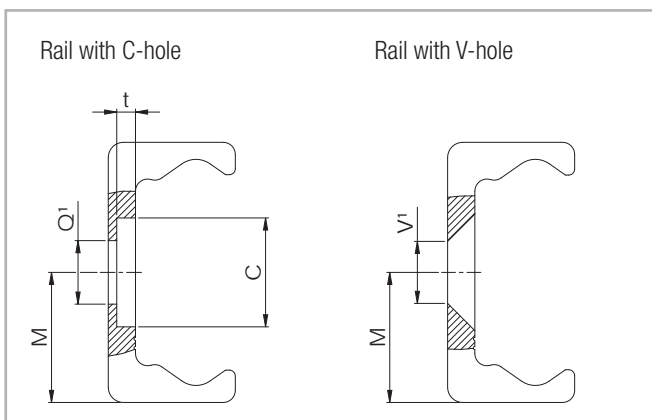Rail with C-hole   Rail with V-hole

Fig. 25

Q^1 Fixing holes for Torx® screws with low head (custom design) included in scope of supply

V^1 Fixing holes for countersunk head screws according to DIN 7991

Type	Size	A [mm]	B [mm]	M [mm]	E₁ [mm]	T [mm]	C [mm]	Weight [kg/m]	E₂ [°]	t [mm]	Q¹ [mm]	V¹ [mm]
TLC TLV	18	18	8.25	9	1.5	2.8	9.5	0.55	-	2	M4	M4
	28	28	12.25	14	1	3	11	1.0	-	2	M5	M5
	35	35	16	17.5	2	3.5	14.5	1.65	-	2.7	M6	M6
	43	43	21	21.5	2.5	4.5	18	2.6	-	3.1	M8	M8
	63	63	28	31.5	-	8	15	6.0	2x45	5.2	M8	M10
ULC ULV	18	18	8.25	9	1	2.6	9,5	0.55	-	1.9	M4	M4
	28	28	12	14	1	3	11	1.0	-	2	M5	M5
	35	35	16	17.5	1	3.5	14.5	1.65	-	2.7	M6	M6
	43	43	21	21.5	1	4.5	18	2.6	-	3.1	M8	M8
	63	63	28	31.5	-	8	15	6.0	2x45	5.2	M8	M10
KLC KLV	43	43	21	21.5	2.5	4.5	18	2.6	-	3.1	M8	M8
	63	63	28	31.5	-	8	15	6.0	2x45	5.2	M8	M10

Tab. 5

CR

Rail length

Fig. 27

Type	Size	Min length [mm]	Max length [mm]	Available standard lengths L [mm]
TLC TLV ULC ULV	18	160	2000	160 - 240 - 320 - 400 - 480 - 560 - 640 - 720 - 800 - 880
	28	240	3200	
	35	320	3600	- 960 - 1040 - 1120 - 1200 - 1280 - 1360 - 1440
	43	400	3600	
	63	560	3600	
KLC KLV	43	400	3600	- 1520 - 1600 - 1680 - 1760 - 1840 - 1920 - 2000 - 2080
	63	560	3600	- 2160 - 2240 - 2320 - 2400 - 2480 - 2560 - 2640
TRC	18	160	2000	- 2720 - 2800 - 2880 - 2960 - 3040 - 3120 - 3200 - 3280
	28	240	2000	- 3360 - 3440 - 3520 - 3600
	35	320	2000	
	43	400	2000	
	63	560	2000	

Longer single rails up to max. 4,080 mm on request
Longer rail systems see pg. CR-66 Joined rails

Tab. 7

Offset of fixing holes
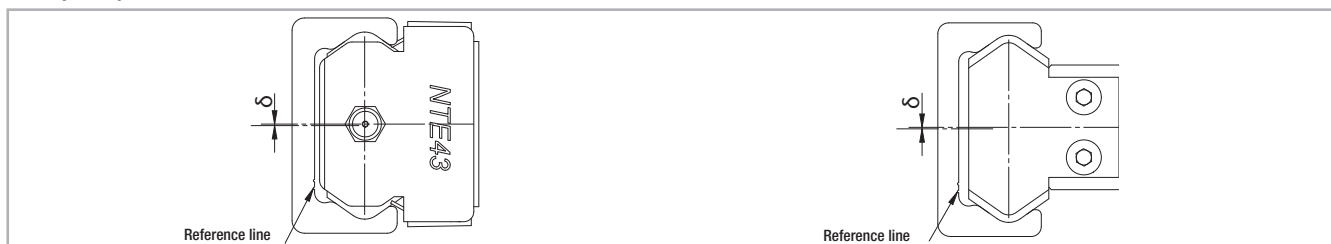
Principle representation of offset with T-rails

Fig. 41

Configuration	Size	δ nominal [mm]	δ maximum [mm]	δ minimum [mm]
TLC / NT	18	0.45	0.95	-0.25
TLC / NTE	28	0.35	0.85	-0.4
	43	0.35	0.9	-0.5
	63	0.35	0.8	-0.55
KLC / NKE	43	0.35	0.9	-0.5
	63	0.35	0.8	-0.55
ULC / NU	18	0.4	0.9	-0.25
ULC / NUE	28	0.4	0.85	-0.3
	43	0.4	0.85	-0.45
	63	0.35	0.8	-0.45
TLV / NT	18	0.45	0.8	-0.2
TLV / NTE	28	0.35	0.7	-0.35
	43	0.35	0.75	-0.45
	63	0.35	0.65	-0.55
KLV / NKE	43	0.35	0.75	-0.45
	63	0.35	0.65	-0.55
ULV / NU	18	0.4	0.75	-0.2
ULV / NUE	28	0.4	0.7	-0.25
	43	0.4	0.7	-0.4
	63	0.35	0.65	-0.45
TLC / CS	18	0.35	0.75	-0.2
	28	0.25	0.6	-0.35
	35	0.35	0.7	-0.35
	43	0.35	0.8	-0.35
	63	0.35	0.6	-0.35
KLC / CSK	43	0.35	0.8	-0.35
	63	0.35	0.6	-0.35

Tab. 16

Configuration	Size	δ nominal [mm]	δ maximum [mm]	δ minimum [mm]
ULC / CS	18	0.3	0.7	-0.2
	28	0.3	0.6	-0.3
	35	0.35	0.7	-0.35
	43	0.4	0.75	-0.35
	63	0.35	0.6	-0.25
TLV / CS	18	0.35	0.6	-0.15
	28	0.25	0.45	-0.3
	35	0.35	0.55	-0.3
	43	0.35	0.65	-0.3
	63	0.35	0.45	-0.35
KLV / CSK	43	0.35	0.65	-0.3
	63	0.35	0.45	-0.35
ULV / CS	18	0.3	0.55	-0.15
	28	0.3	0.45	-0.25
	35	0.35	0.55	-0.3
	43	0.4	0.6	-0.3
	63	0.35	0.45	-0.25
TRC / NT	18	0.15	0.65	-0.2
TRC / NTE	28	0.15	-0.5	-0.25
	43	0.05	0.4	-0.3
	63	0	0.4	-0.4
TRC / CS	18	0.05	0.45	-0.2
	28	0.05	0.3	-0.25
	35	0.1	0.35	-0.2
	43	0.05	0.35	-0.25
	63	0	0.2	-0.2

Tab. 17

Ordering key ⌄

> Rail / slider system

TLC	4560	/2/	CD	W	28	-125	-2Z	-B	-NIC	
									Expanded surface protection if deviation from Standard ISO 2081 *see pg. CR-57*	
								Configuration *depending on type of slider* *see pgs. CR-20 and CR-23*		
							Roller seal *see pg. CR-29*			
						Slider length Dimension A *see pg. CR-16, tab. 8-11*				
					Size *see pg. CR-16*					
				Wiper optional *see pg. CR-30, fig. 43*						
			Slider type *see pg. CR-16*							
		Number of sliders in one rail								
	Rail length in mm *see pg. CR-15, tab. 7*									
Rail type *see pg. CR-12*										

Ordering example: TLC-04560/2/CDW28-125-2Z-B-NIC

Rail composition: 1x3280+1x1280 (only for joint processed rails)

Hole pattern: 40-40x80-40//40-15x80-40 (please always specify the hole pattern separately)

Notes on ordering: The rail length codes are always 5 digits, the slider length codes are always 3 digits; use zeroes as a prefix when lengths are shorter

> Rail

TLV	-43	-5680	-NIC	
			Expanded surface protection if deviation from Standard ISO 2081 *see pg. CR-57*	
		Rail length in mm *see pg. CR-15, table 7*		
	Size *see pg. CR-12*			
Rail type *see pg. CR-12*				

Ordering example: TLV-43-05680-NIC

Rail composition: 1x880+2x2400 (only for joint processed rails)

Hole pattern: 40-10x80-40//40-29x80-40//40-29x80-40 (please always specify the hole pattern separately)

Notes on ordering: The rail length codes are always 5 digits; use zeroes as a prefix when lengths are shorter

CR