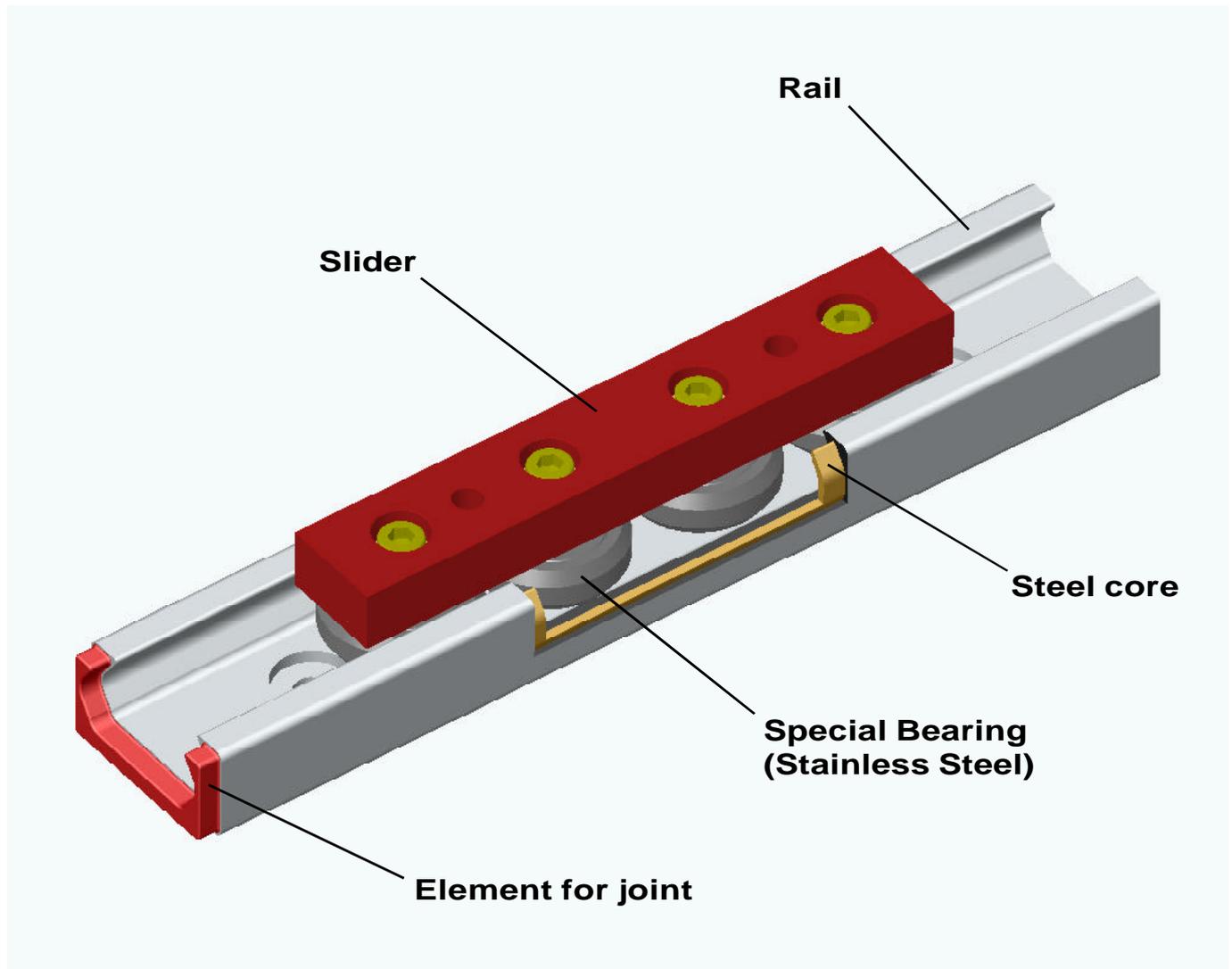




MODU RAIL (Version 1)



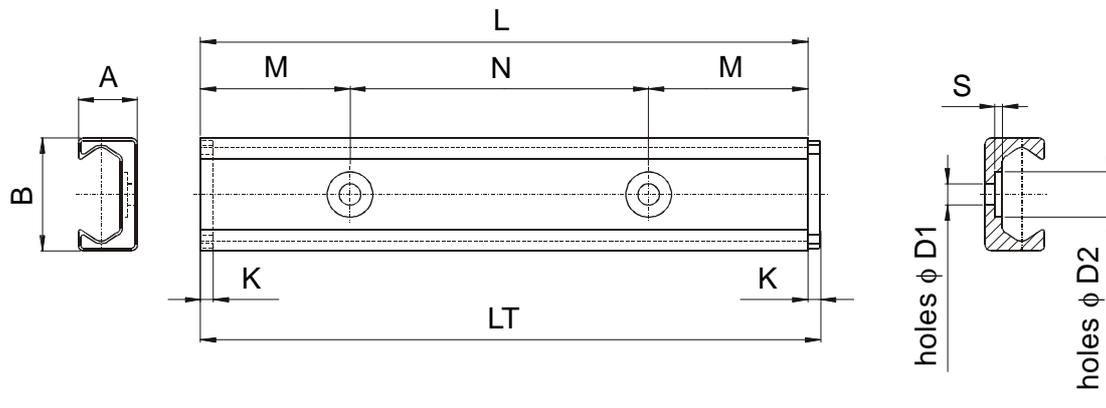
TECHNICAL DATA

- **Material of rail / slider:** Technopolymer reinforced with fiberglass (rail with steel core inside)
- **Material of bearings:** Stainless steel
- **Max. temperature:** 85° C (185° F)
- **Speed:** 1,5 m/s
- **Length of rail:** 160 mm
- **Max. length of rail (joined rails):** no limits
- **Tolerances of joined rails:** the raceways could be misaligned of 0,1 mm in any direction
- **Corrosion resistance:** Minerals oils, water, methanol, solvents

DIMENSIONS (version 1)

ROLLON

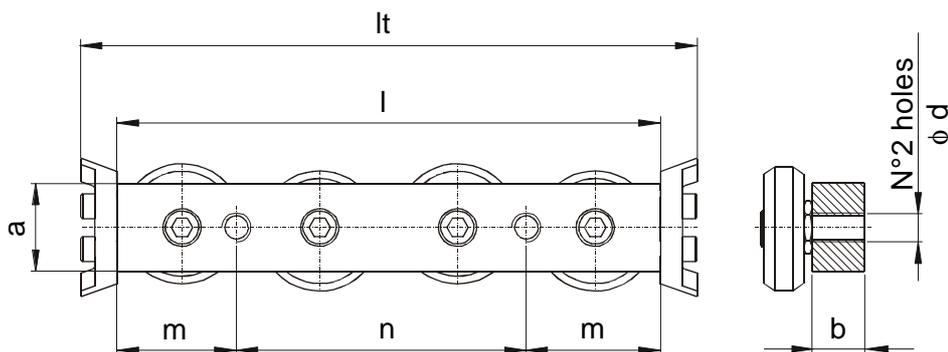
Rail:



Size	A	B	M	N	f D1	f D2	L	K	LT	Weight (gr)
30	14,5	30	40	80	5,5	11	160	5	165	146
45	23,5	45	40	80	8,5	18	160	5	165	210

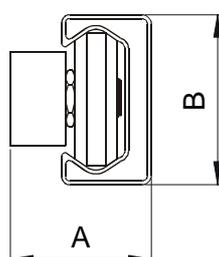
Note: rail supplied with special stainless steel fixing screw (TORX).

Slider:



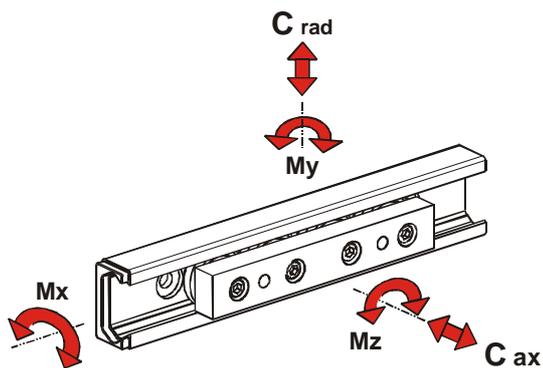
Size	a	b	m	n	f d	l	lt	Weight (gr)
30	15	10	25	50	M5	100	120	150
45	25	14,5	35	80	M8	150	170	380

Assembly:



Size	A	B
30	24	30
45	37	45

Note: slider assembled into the rail without clearance.

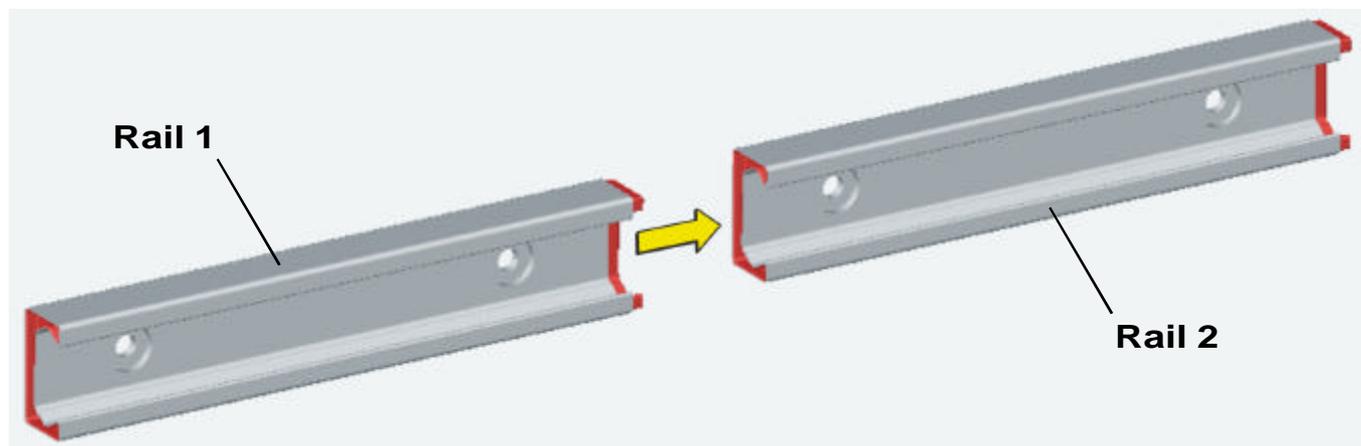


Size	C_{rad} [N]	C_{ax} [N]	M_x [Nm]	M_y [Nm]	M_z [Nm]
30	652	225	3.5	6.5	16
45	1650	556	13	24.5	63

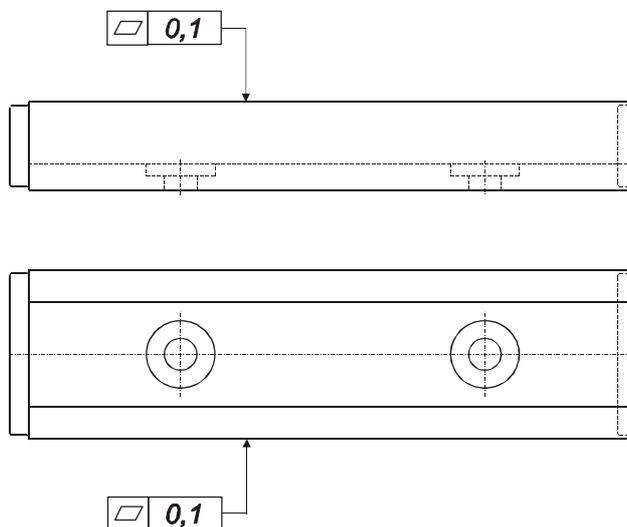
JOINED RAILS (version 1)

Rails can be joined in order to obtain longer strokes.

ROLLON will supply only standard pieces in standard length, the customer will joint them directly on his machine. The joining phase doesn't require any gluing or welding operations.

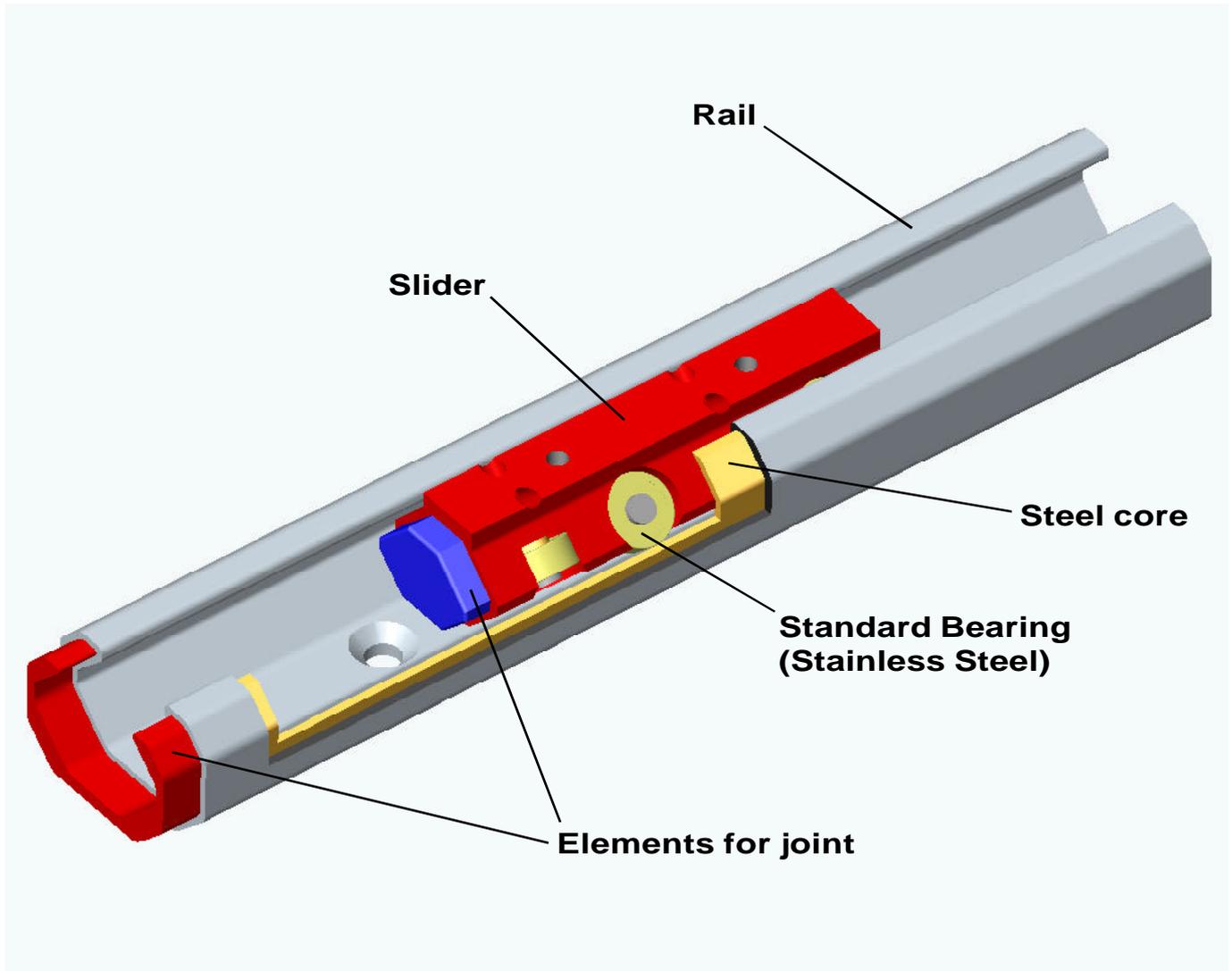


Planarity of the surfaces:





MODU RAIL (Version 2)



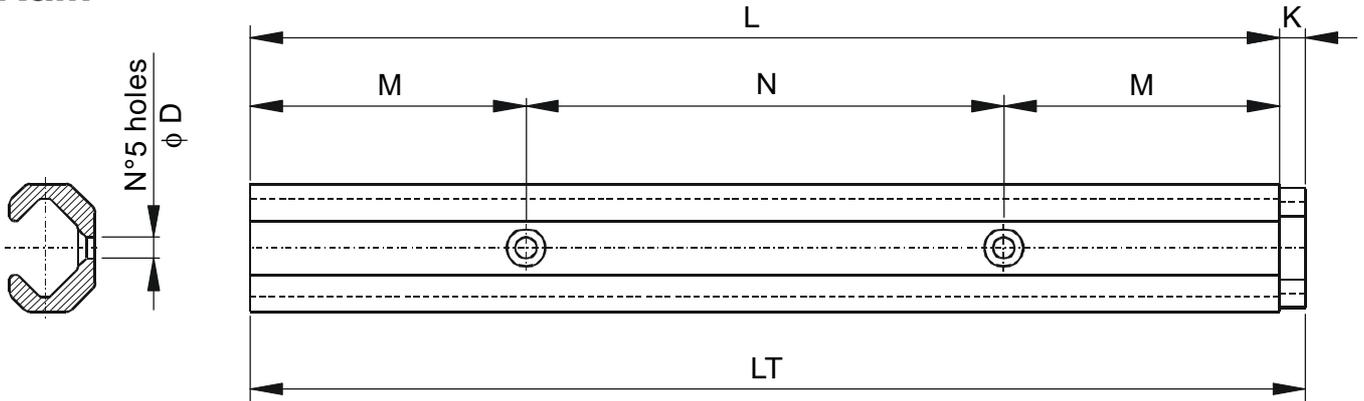
TECHNICAL DATA

- **Material of rail / slider:** Technopolymer reinforced with fiberglass (rail with steel core inside)
- **Material of bearings:** Stainless steel
- **Max. temperature:** 85° C (185° F)
- **Speed:** 1,5 m/s
- **Length of rail:** 160 mm
- **Max. length of rail (joined rails):** no limits
- **Tolerances of joined rails:** the raceways could be misaligned of 0,1 mm in any direction
- **Corrosion resistance:** Minerals oils, water, methanol, solvents

DIMENSIONS (version 2)

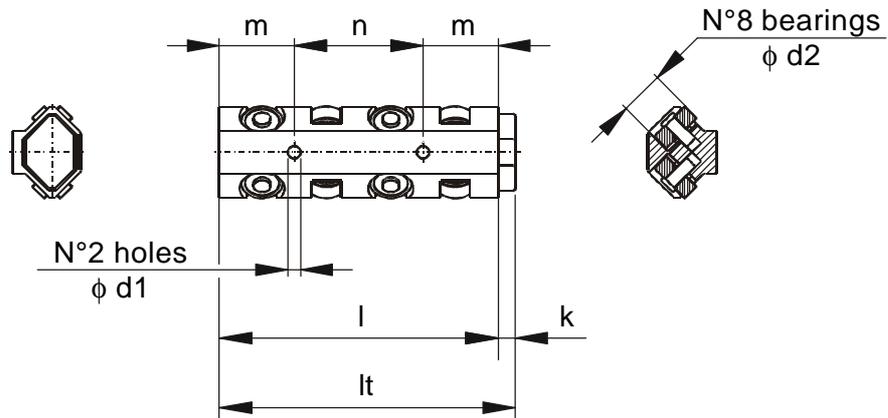
ROLLON

Rail:



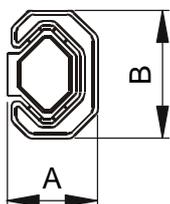
Size	M	N	f D	L	K	LT	Weight (gr)
24	40	80	4	160	5	165	53
30	40	80	5	160	6	166	140
40	40	80	8	160	8	168	196

Slider:



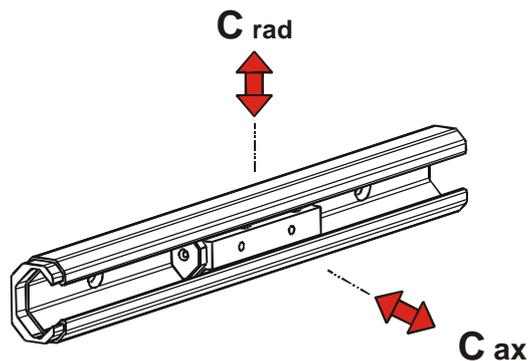
Size	m	n	f d1	f d2	l	k	lt	Weight (gr)
24	25	40	M3	10	90	4	94	20
30	17.5	30	M3	13	65	4	69	35
40	20	35	M5	13	75	5	80	35
40s	20	35	M5	16	75	5	80	40

Assembly:



Size	A	B
24	17	24
30	20	30
40	24	40
40s	30	40

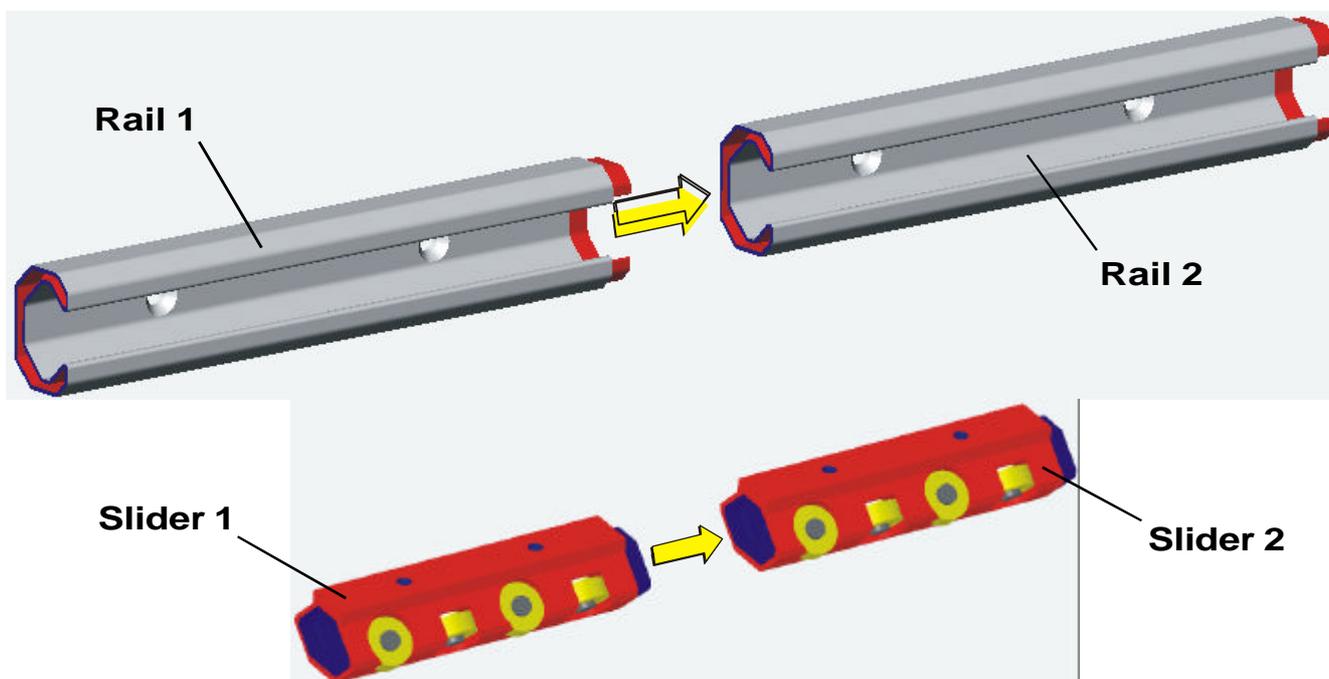
Note: slider assembled into the rail with clearance of 0,2 mm max.



Size	C _{rad} [N]	C _{ax} [N]
24	250	500
30	550	1100
40	550	1100
40s	750	1500

JOINED RAILS (version 2)

Rails and sliders can be joined in order to obtain longer strokes or higher load capacities. **ROLLON** will supply only standard pieces in standard length, the customer will joint them directly on his machine. The joining phase doesn't require any gluing or welding operations.



Planarity of the surfaces:

