



Ronstan's 7000 Series traveller range includes a range of car sizes and configurations to suit different load requirements and sheeting arrangements. The smallest cars are used with Delrin® balls on Olympic class boats like the Finn, 470 and Star for fast, easy adjustment. Similar cars with Tordon® balls are suitable for use on keelboats like the Dragon and Etchells one-designs and on Sports Boats up to 8 metres (26 feet) for mainsheet and genoa systems.

Longer car bodies and Tordon® balls provide high working loads, and are suitable for mainsheet travellers on boats up to 11 metres (35 feet). Slots are provided for easy fresh water rinsing of salt and debris from the ball races.

Channel tops provide attachment points for a mainsheet block, and blocks for additional control line purchase. Ronstan 'T-Cleats' and fairleads ensure quick cleating and releasing from any angle.

- ▶ Towing eyes accept shackles with 5mm (3/16") pins
- ▶ RF7008 is fitted with a Series 40 Ball Bearing swivel block for use with up to 10mm (3/8") line
- ▶ Control sheaves accept up to 6mm (1/4") line

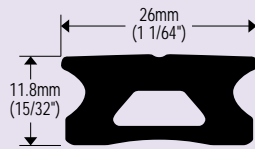
| PRODUCT No. | DESCRIPTION   | MWL |        | BL   |        | QTY balls | WEIGHT |        |
|-------------|---|-----|--------|------|--------|-----------|--------|--------|
|             |   | kg  | (lb)   | kg   | (lb)   |           | g      | (oz)   |
| RF710       | Nylon insulating track insert   | -   | -      | -    | -      | -         | 3      | (0.1)  |
| RF1300      | Track bolt, 6mm (1/4") x 152mm (6") long, nut, washer                           | -   | -      | -    | -      | -         | 40     | (1.4)  |
| RF7001      | 81mm (3 3/16") car, Tordon® balls, loop top                                     | 550 | (1210) | 1300 | (2860) | 38        | 125    | (4.4)  |
| RF7001D     | Same as RF7001, but with Delrin® balls  | 380 | (836)  | 1000 | (2200) | 38        | 125    | (4.4)  |
| RF7003      | 81mm (3 7/16") car, Tordon® balls, loop top, control sheaves, cam cleats        | 550 | (1210) | 1300 | (2860) | 38        | 265    | (9.4)  |
| RF7005      | 81mm (3 3/16") car, Tordon® balls, loop top, control sheaves                    | 550 | (1210) | 1300 | (2860) | 38        | 150    | (5.3)  |
| RF7006      | 81mm (3 3/16") car, Tordon® balls. Pivoting loop top, control sheaves           | 550 | (1210) | 1300 | (2860) | 38        | 261    | (9.2)  |
| RF7007      | 88mm (3 7/16") car, Tordon® balls. Pivoting loop top, towing eyes               | 500 | (1100) | 1000 | (2200) | 42        | 140    | (4.9)  |
| RF7008      | 88mm (3 7/16") car, Delrin® balls, 40mm (1 1/2") BB stand-up block, towing eyes | 350 | (770)  | 800  | (1760) | 42        | 204    | (7.2)  |
| RF7011      | 105mm (4 1/8") car, Tordon® balls, channel top, control sheaves, cam cleats     | 800 | (1760) | 1600 | (3520) | 52        | 340    | (12.0) |
| RF7013      | 105mm (4 1/8") car, Tordon® balls, channel top, control sheaves                 | 800 | (1760) | 1600 | (3520) | 52        | 260    | (9.2)  |
| RF7058      | Acetal Track end  | -   | -      | -    | -      | -         | 10     | (0.4)  |
| RF7059      | Traveller control end, 28mm (1 1/8") diameter, sheave, becket                   | -   | -      | -    | -      | -         | 130    | (4.6)  |
| RF7060      | 28mm (1 1/8") diameter, block addition kit, suits RF7059                        | -   | -      | -    | -      | -         | 25     | (0.9)  |
| RF7061      | Cam cleat plate, suits RF7059   | -   | -      | -    | -      | -         | 110    | (3.9)  |
| RF7095      | Ball bearing, Delrin®, 6.4mm (1/4") diameter                                    | -   | -      | -    | -      | -         | -      | -      |
| RF7096      | Ball bearing, Tordon®, 6.4mm (1/4") diameter                                    | -   | -      | -    | -      | -         | -      | -      |

### Minimum recommended radii for curved track

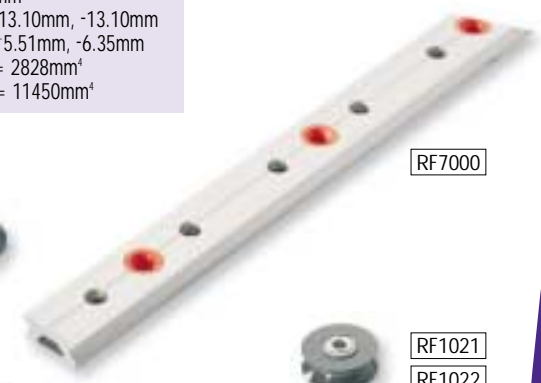
| Car Length      | 'A' Bend    | 'B' Bend    |
|-----------------|-------------|-------------|
| 81mm (3 3/16")  | 1.0m (3'6") | 0.7m (2'6") |
| 105mm (4 1/8")  | 2.5m (8'6") | 2.5m (8'6") |
| 138mm (5 7/16") | 5.5m (18')  | 5.5m (18')  |
| 179mm (7 1/16") | 12m (40')   | 12m (40')   |

Refer page 49 for further details.

### RF7000 TRACK PROFILE



Area: 210mm<sup>2</sup>  
 Centroid: X = +13.10mm, -13.10mm  
 Y = +5.51mm, -6.35mm  
 Moments of Inertia: I<sub>xx</sub> = 2828mm<sup>4</sup>  
 I<sub>yy</sub> = 11450mm<sup>4</sup>



The Series 7000 genoa car is suitable for boats up to 12 metres (40 feet). It features a 40mm (1 9/16") wide removable sheave that accepts two sheets for easy headsail changes.

Purchase systems up to 4:1 can be created using the ball bearing control sheaves and modular track end fittings.

### MATERIALS

- ▶ Grade 6061-T6 extruded aluminium track (anodised) and car bodies (hardcote anodised)
- ▶ Grade 316 Stainless Steel shackle, channels and control line block cheeks
- ▶ UV stabilised Acetal control line and genoa car sheaves
- ▶ Delrin® or Tordon® ball bearings
- ▶ Impact absorbing Neoprene control end buffer
- ▶ Impact resistant Thermoplastic rubber track end
- ▶ Aramid fibre reinforced composite car end caps

- ▶ TRACK FASTENINGS – 6mm (1/4") countersunk fasteners at 100mm (3 15/16") centres
- ▶ STOP HOLES – 50mm (2") centres

| PRODUCT No. | DESCRIPTION   | MWL  |        | BL   |        | QTY. balls | WEIGHT |        |
|-------------|---|------|--------|------|--------|------------|--------|--------|
|             |   | kg   | (lb)   | kg   | (lb)   |            | g      | (oz)   |
| RF1021      | 28mm (1 1/8") diameter, high load sheave, suits RF7059, RF7060                            | -    | -      | -    | -      | -          | 15     | (0.5)  |
| RF1022      | 28mm (1 1/8") diameter, high load sheave, suits RF7021, RF7029, RF7047                    | -    | -      | -    | -      | -          | 15     | (0.5)  |
| RF7021      | 138mm (5 7/16") car, Tordon® balls, pivoting loop top, towing eyes, control sheaves       | 1100 | (2420) | 2200 | (4840) | 74         | 300    | (10.6) |
| RF7029      | 179mm (7 1/16") car, Tordon® balls, pivoting loop top, towing eyes, control sheaves       | 1300 | (2860) | 2600 | (5720) | 100        | 375    | (13.3) |
| RF7047      | Genoa car, Tordon® balls, suits up to twin 16mm (5/8") sheets, control sheave, towing eye | 1500 | (3300) | 3000 | (6600) | 100        | 565    | (20.0) |
| RF7057      | Track stop, spring-loaded, lock up/down   | -    | -      | -    | -      | -          | 90     | (3.2)  |
| RF7063      | Acetal slide rods (pair), 6mm (1/4")  | -    | -      | -    | -      | -          | 15     | (0.5)  |
| RF7066      | 28mm (1 1/8") diameter, block addition kit, suits RF7021, RF7029                          | -    | -      | -    | -      | -          | 32     | (1.1)  |

### Track – Supplied with RF710 Nylon inserts

|              |                          |      |         |
|--------------|--------------------------|------|---------|
| RF7000 x 1.0 | Track, 1.0m (3'3") long  | 510  | (18.0)  |
| RF7000 x 1.5 | Track, 1.5m (4'11") long | 765  | (27.0)  |
| RF7000 x 2.0 | Track, 2.0m (6'7") long  | 1020 | (36.0)  |
| RF7000 x 3.0 | Track, 3.0m (9'10") long | 1555 | (54.9)  |
| RF7000 x 6.0 | Track, 6.0m (19'8") long | 3110 | (109.9) |