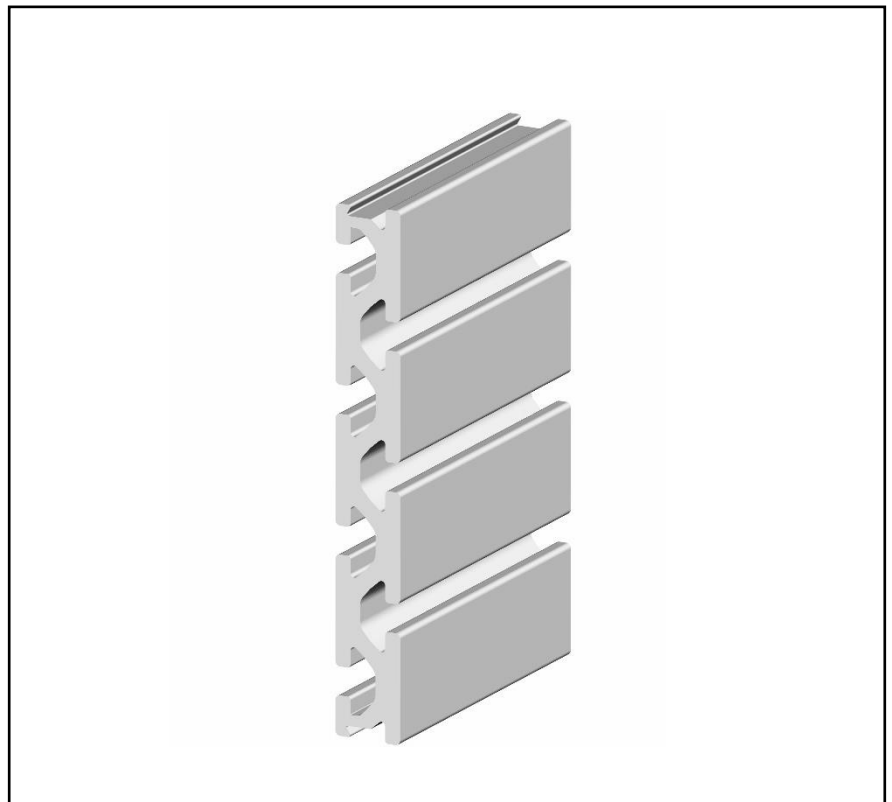


## Features

- Light-weight aluminium alloy
- Suitable for cut to length application
- Structural element type: Strut Profile
- Compatible with support and connector accessories

## RS PRO Strut Profile Type I, 20x152, 8 mm Groove, Surface Profile, 2000 mm Length

RS Stock No.: 0801792



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without having a premium price.

## Product Description

- RS PRO aluminium profiles offer a modular solution for building structures, frameworks and workstations.
- Many components and connectors allow you to choose from a wide range of applications.
- The modular system includes different profile types and lengths of 1 m, 2 m and 3 m with different cross-sections and groove-sizes in grid dimensions from 20 mm to 90 mm.

## General Specifications

|                                |  |
|--------------------------------|--|
| <b>Structural Element Type</b> | Strut Profile / Aluminium Profile  |
| <b>Number of Grooves</b>       | 7  |
| <b>Material</b>                | Aluminium anodized   |
| <b>Colour</b>                  | Silver   |
| <b>Product System</b>          | Construction, Workstations, Industrial equipment, Automotive manufacturing |

## Mechanical Specifications

|                                   |  |
|-----------------------------------|--|
| <b>Strut Profile</b>              | 20 x 152 mm                                    |
| <b>Length</b>                     | 2000 mm  |
| <b>Groove Size</b>                | 8 mm   |
| <b>Mass (G)</b>                   | 4.93 kg/m                                      |
| <b>Moment of Inertia (Ix, Iy)</b> | 7.56 cm <sup>4</sup><br>350.58 cm <sup>4</sup> |
| <b>Section Modulus (Wx, Wy)</b>   | 7.35 cm <sup>3</sup><br>46.19 cm <sup>3</sup>  |

## Similar Products

| Parameters   | 761-3331   | xxx-xxxx   | 187-3278   | 187-3279   |
|--|--|--|--|--|
| Brand  | RS PRO   | RS PRO   | RS PRO   | RS PRO   |
| Structural Element Type                            | Strut Profile / Aluminium Profile  | Strut Profile / Aluminium Profile  | Strut Profile / Aluminium Profile  | Strut Profile / Aluminium Profile  |
| Number of Grooves                                  | 2  | 1  | 1  | 2  |
| Material   | Aluminium, anodized  | Aluminium, anodized  | Aluminium, anodized  | Aluminium, anodized  |
| Colour   | Silver   | Silver   | Silver   | Silver   |
| Product System                                     | Construction, Workstations, Industrial equipment, Automotive manufacturing | Construction, Workstations, Industrial equipment, Automotive manufacturing | Construction, Workstations, Industrial equipment, Automotive manufacturing | Construction, Workstations, Industrial equipment, Automotive manufacturing |
| Strut Profile                                      | 40 x 40 mm   | 20 x 55 mm   | 40 x 16 mm   | 80 x 16  |
| Length   | 2000 mm  | 2000 mm  | 3000 mm  | 3000 mm  |
| Groove Size  | 8  | 8  | 8  | 8  |
| Mass (G)   | 1.84 kg/m  | 1.48 kg/m  | 0.62 kg/m  | 1.31 kg/m  |
| Moment of Inertia (Ix, Iy)                         | 10.45 cm <sup>4</sup><br>9.20 cm <sup>4</sup>                              | 2.02 cm <sup>4</sup><br>10.79 cm <sup>4</sup>                              | 0.67 cm <sup>4</sup><br>3.38 cm <sup>4</sup>                               | 1.59 cm <sup>4</sup><br>29.24 cm <sup>4</sup>                              |
| Section Modulus (W <sub>x</sub> , W <sub>y</sub> ) | 5.22 cm <sup>3</sup><br>4.60 cm <sup>3</sup>                               | 1.93 cm <sup>3</sup><br>3.91 cm <sup>4</sup>                               | 0.82 cm <sup>3</sup><br>1.69 cm <sup>3</sup>                               | 1.90 cm <sup>3</sup><br>7.31 cm <sup>3</sup>                               |

## Dimensional Drawing

