



|  |                                      |   |   |
|--|--------------------------------------|---|---|
| Diameter   | 10mmx10mm                            | 15mmx15mm                               | 15mmx15mm                               |
| Type   | T-slot, hollow core, threaded ends.  | T-slot, hollow core, threaded ends.     | T-slot, hollow core, sized for a M3 tap |
| Threaded ends  | M3, 8mm deep                         | M3, 8mm deep                            | ----                                    |
| Weight   | 0,123 gram per mm                    | 0.297 gram per mm                       | 0,297 gram per mm                       |
| Material   | Aluminum, 6063-T5                    | Aluminum, 6063-T5                       | Aluminum, 6063-T5                       |
| Finish   | Anodised black or clear              | Anodised black or clear                 | Anodised black or clear                 |
| Bolts  | M3 square headed bolts for MakerBeam | M3 regular bolts                        | M3 regular bolts                        |
| Nuts   | Regular M3 DIN934 nuts               | M3 DIN934 nuts will slide into the beam | M3 DIN934 nuts will slide into the beam |
| Stiffness Area   | 48mm <sup>2</sup>                    | 113mm <sup>2</sup>                      | 113mm <sup>2</sup>                      |
| Polar moment of inertia of the area, at the centroid:      |                                      |   |   |
|  | 982mm <sup>4</sup>                   | 4705mm <sup>4</sup>                     | 4705mm <sup>4</sup>                     |
| Principal moments of inertia of the area, at the centroid: |                                      |   |   |
| I <sub>x</sub>   | 491mm <sup>4</sup>                   | 2352mm <sup>4</sup>                     | 2352mm <sup>4</sup>                     |
| I <sub>y</sub>   | 491mm <sup>4</sup>                   | 2352mm <sup>4</sup>                     | 2352mm <sup>4</sup>                     |