

Loads for Ultra-tec® Cable Railing Systems Parts

| Part No. | Description | Used with Cable Dia. | Ultimate Load | | Allowable Load | |
|--|--------------------------------------|-------------------------|---------------------------|--------|----------------|--------|
| | | | Lbs. | (kg) | Lbs. | (kg) |
| A-J62 | Adjust-A-Jaw® tensioner | 1/8" | 1416 | (642) | 705 | (320) |
| A-J62 | Adjust-A-Jaw® tensioner | 3/16" | 2022 | (917) | 1010 | (458) |
| A-J82 | Adjust-A-Jaw® tensioner | ¼" | 3134 | (1422) | 1565 | (710) |
| A-J122 | Adjust-A-Jaw® tensioner | 5/16" | 4262 | (1933) | 2130 | (966) |
| A-J122 | Adjust-A-Jaw® tensioner | 3/8" | 3560 | (1615) | 1780 | (807) |
| A-JAB6 | Adjust-A-Body® with Anchor Bolt | 1/8" | 1416 | (642) | 705 | (320) |
| A-JAB6 | Adjust-A-Body® with Anchor Bolt | 3/16" | 2022 | (917) | 1010 | (458) |
| A-JAB8 | Adjust-A-Body® with Anchor Bolt | ¼" | 3134 | (1422) | 1565 | (710) |
| A-JB6 | Adjust-A-Body with Hanger Bolt | 1/8" | 1416 | (642) | 705 | (320) |
| A-JB6 | Adjust-A-Body with Hanger Bolt | 3/16" | 2022 | (917) | 1010 | (458) |
| A-JB8 | Adjust-A-Body with Hanger Bolt | ¼" | 3134 | (1422) | 1565 | (710) |
| A-JB6-L | Adjust-A-Body with Hanger Bolt | 1/8" | 1416 | (642) | 705 | (320) |
| A-JB6-L | Adjust-A-Body with Hanger Bolt | 3/16" | 2022 | (917) | 1010 | (458) |
| A-JTB6 | Adjust-A-Body® with Threaded Bolt | 1/8" | 1416 | (642) | 705 | (320) |
| A-JTB6 | Adjust-A-Body® with Threaded Bolt | 3/16" | 2022 | (917) | 1010 | (458) |
| A-JTB8 | Adjust-A-Body® with Threaded Bolt | ¼" | 3134 | (1422) | 1565 | (710) |
| A-JTE6 | Adjust-A-Body with Threaded Eye | 1/8" | 1416 | (642) | 705 | (320) |
| A-JTE6 | Adjust-A-Body with Threaded Eye | 3/16" | 2022 | (917) | 1010 | (458) |
| A-JTE8 | Adjust-A-Body with Threaded Eye | ¼" | 3134 | (1422) | 1565 | (710) |
| F-J62 | Ultra-tec® Fixed Jaw | 1/8" | 1416 | (642) | 705 | (320) |
| F-J62 | Ultra-tec® Fixed Jaw | 3/16" | 2022 | (917) | 1010 | (458) |
| F-J82 | Ultra-tec® Fixed Jaw | ¼" | 3134 | (1422) | 1565 | (710) |
| F-J122 | Ultra-tec® Fixed Jaw | 5/16" | 4262 | (1933) | 2130 | (966) |
| F-J122 | Ultra-tec® Fixed Jaw | 3/8" | 3560 | (1615) | 1780 | (807) |
| PL-4 | Push-Lock™ Fitting | 1/8" | Strand breaking strength* | | | |
| PL-TE4 | Push-Lock™ Fitting with Threaded Eye | 1/8" | Strand breaking strength* | | | |
| PLST-4 | Receiver with Push-Lock™ Stud | 1/8" | Strand breaking strength* | | | |
| PUL-4 | Pull-Lock™ Fitting | 1/8" | Strand breaking strength* | | | |
| * Breaking strength for 1x19 type 316 Stainless Steel Strand: 1/8" Dia. = 1,780 lbs. (807 kg); 3/16 Dia. = 4,000 lbs. (1,814 kg) | | | | | | |
| R-6-12 through R-6-82 | Invisiware® Receiver | 1/8" | 1537 | (697) | 765 | (347) |
| R-6-12 through R-6-82 | Invisiware® Receiver | 3/16" | 2652 | (1203) | 1326 | (601) |
| R-8-22 through R-8-52 | Invisiware® Receiver | ¼" | 3248 | (1473) | 1620 | (735) |
| R-12-32 through R-12-52 | Invisiware® Receiver | 5/16" | 4595 | (2084) | 2295 | (1041) |
| R-12-32 through R-12-52 | Invisiware® Receiver | 3/8" | 3994 | (1812) | 1995 | (905) |
| RF-4 | Radius Ferrule | 1/8" | 1580 | (717) | 790 | (358) |
| RF-6 | Radius Ferrule | 3/16" | 2286 | (1037) | 1143 | (518) |
| RF-8 | Radius Ferrule | ¼" | 4092 | (1856) | 2045 | (928) |
| RF-10 | Radius Ferrule | 5//16" | 4068 | (1845) | 2034 | (923) |
| RF-12 | Radius Ferrule | 3/8" | 3762 | (1706) | 1881 | (853) |
| S-4 | Invisiware® Threaded Swaging Stud** | ¼" | 1537 | (697) | 765 | (347) |
| S-6 | Invisiware® Threaded Swaging Stud** | 3/16" | 2786 | (1264) | 1393 | (632) |
| S-8 | Invisiware® Threaded Swaging Stud** | ¼" | 3783 | (1716) | 1891 | (858) |
| S-10 | Invisiware® Threaded Swaging Stud** | 5/16" | 5691 | (2581) | 2845 | (1290) |
| S-12 | Invisiware® Threaded Swaging Stud** | 3/8" | 3994 | (1812) | 1995 | (905) |
| **When used as a stop-end (non-tensioning end) in a tapped hole. | | | | | | |
| W-R6-5A | Invisiware® Welded Receiver ** * | 1/8" & 3/16" | 2106 | (955) | 1053 | (478) |
| W-R6-5B | Invisiware® Welded Receiver ** * | 1/8" & 3/16" | 2106 | (955) | 1053 | (478) |
| W-R8-5A | Invisiware® Welded Receiver ** * | ¼" | 2335 | (1059) | 1167 | (529) |
| W-R8-5B | Invisiware® Welded Receiver ** * | ¼" | 2335 | (1059) | 1167 | (529) |
| *** Welded Receivers tested in un-welded configuration. | | | | | | |