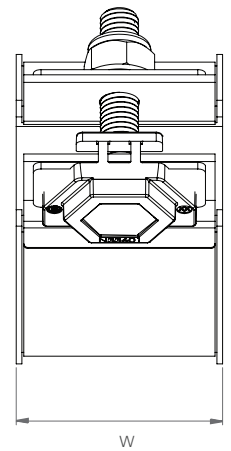
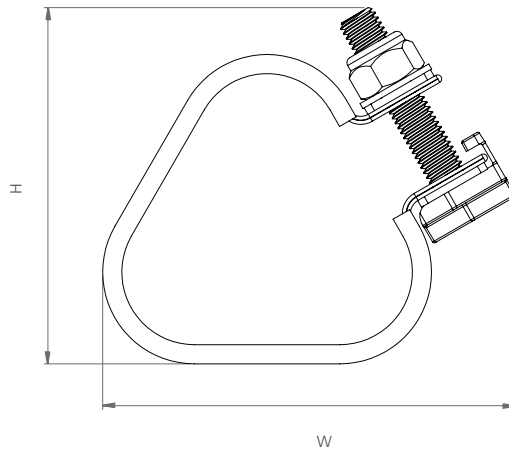


Trefoil Intermediate Restraint (SDSSIR)



The CMP SDSSIR intermediate restraint range are metallic restraints which have been designed, constructed, and tested in accordance with the International Standard 'Cable Cleats for Electrical Installations' IEC 61914 to ensure the securing and retention of cables, without sustaining damage to the cable(s).

The restraint has been designed and tested for short circuit conditions, within harsh environments. The SDSSIR are available for trefoil application/formation and are fabricated from 316L stainless steel giving it high creep strength whilst providing excellent corrosion resistance in the harshest of environments.

The restraint comes with liners as standard, helping to restrain the cable(s) within vertical applications, providing a layer of protection between the cable sheath and the cable cleat during normal operation, where thermal elongation of cables occur, protecting the cable from chafing on any mounting surface due to differential movements such as those found in marine and offshore applications. The liners also assist in the extra protection of cable(s) in the event of short circuit fault conditions. The standard liners supplied are classified as Low Smoke & Fume (LSF), Zero Halogen (LSOH) and Phosphorus Free.

Features

- Third party certification to IEC 61914
- 316L stainless steel
- Operating temperature -50°C to +60°C
- Low Smoke & Fume (LSF) liners as standard
- Zero Halogen (LSOH) and Phosphorus Free

Selection table

| Patriot Part No. | Cable Ø Range Take (mm) | Dimensions mm | | | Weight (g) |
|------------------|-------------------------|---------------|-----|----|------------|
| | | W | H | D | |
| SDSSIR019022 | 19-22 | 81 | 78 | 54 | 214 |
| SDSSIR022026 | 22-26 | 89 | 81 | 54 | 227 |
| SDSSIR026030 | 26-30 | 97 | 84 | 54 | 238 |
| SDSSIR030034 | 30-34 | 105 | 87 | 54 | 250 |
| SDSSIR034038 | 34-38 | 112 | 91 | 54 | 263 |
| SDSSIR038042 | 38-42 | 119 | 97 | 54 | 276 |
| SDSSIR042046 | 42-46 | 126 | 101 | 54 | 289 |
| SDSSIR046050 | 46-50 | 131 | 106 | 54 | 302 |
| SDSSIR050054 | 50-54 | 139 | 111 | 54 | 315 |
| SDSSIR054058 | 54-58 | 146 | 118 | 54 | 327 |
| SDSSIR058062 | 58-62 | 153 | 126 | 54 | 341 |
| SDSSIR062066 | 62-66 | 160 | 133 | 54 | 355 |
| SDSSIR066070 | 66-70 | 167 | 141 | 54 | 368 |
| SDSSIR070074 | 70-74 | 174 | 148 | 54 | 381 |
| SDSSIR074078 | 74-78 | 181 | 156 | 54 | 394 |
| SDSSIR078082 | 78-82 | 188 | 163 | 54 | 407 |
| SDSSIR082086 | 82-86 | 195 | 171 | 54 | 421 |
| SDSSIR086090 | 86-90 | 201 | 178 | 54 | 434 |
| SDSSIR090094 | 90-94 | 208 | 186 | 54 | 447 |
| SDSSIR094098 | 94-98 | 215 | 193 | 54 | 460 |
| SDSSIR098102 | 98-102 | 222 | 201 | 54 | 473 |
| SDSSIR102106 | 102-106 | 229 | 208 | 54 | 486 |
| SDSSIR106110 | 106-110 | 236 | 215 | 54 | 499 |
| SDSSIR110114 | 110-114 | 243 | 223 | 54 | 512 |
| SDSSIR114118 | 114-118 | 250 | 230 | 54 | 525 |
| SDSSIR118122 | 118-122 | 256 | 238 | 54 | 539 |
| SDSSIR122126 | 122-126 | 263 | 246 | 54 | 552 |
| SDSSIR126130 | 126-130 | 270 | 253 | 54 | 565 |

| Technical Data & Classification | |
|---------------------------------------|---|
| Type | 6.1.3 Composite SDSSIR - Standard Duty Stainless Steel Intermediate Restraint |
| Design Specification | IEC 61914 |
| Temperature for permanent application | -50°C to +60°C IEC 61914 |
| Needle Flame Test | Pass - 120 second flame application time IEC 61914, IEC 60695-11-5 |
| Lateral Load Test | Refer to CMP Products |
| Axial Load Test | Refer to CMP Products |
| Impact Resistance | Pass - Very heavy IEC 61914 |
| Material | 316L Stainless Steel Low Smoke & Fume (LSF) Liners |