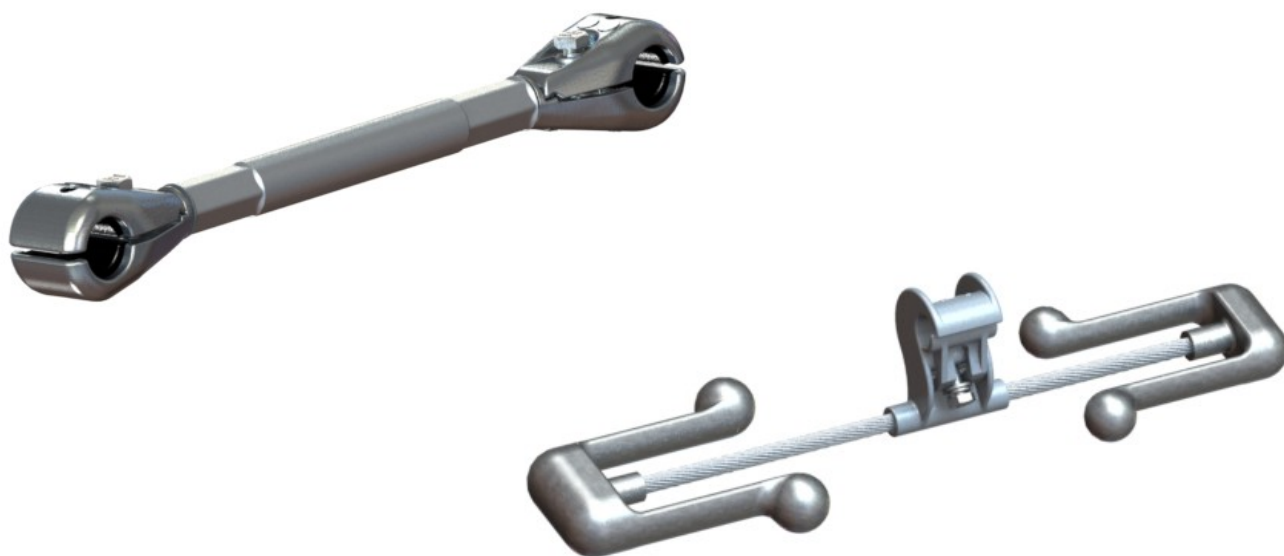




## MATERIALS

Cast aluminum bodies: Aluminum Alloy.

Forged steel parts: Steel Alloy

Steel plate parts: Steel plate.

Extruded profiles: Aluminum Alloy.

## PROTECTION AGAINST CORROSION

Steel Parts: Hot dip galvanizing according to CSA-G164 / ASTM A153 standards.

## STANDARDS

All parts are manufactured according to IEC 61284 standard.

Fasteners: galvanized steel, as per ASTM A325 and ASTM A563 standards.

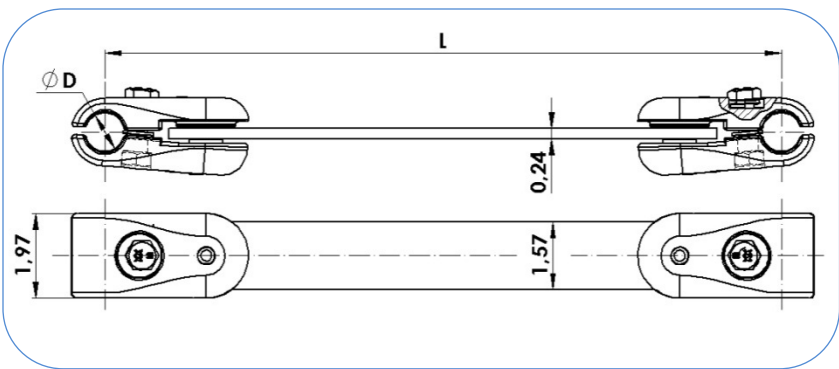
Forged material: EN-10083 equivalent to ASTM A576.

Steel plate material: EN-10025 equivalent to ASTM A36 or ASTM A572.

Cast aluminum alloy materials: EN-1706 equivalent to ANSI A413.0.

Aluminum Alloy tube materials: EN-755 equivalent to ASTM B221.

## TWIN BUNDLE RIGID SPACERS



Comply with IEC 61854 standard.

**Material: Clamp:** Aluminum EN-1706 equivalent to ANSI A413.0.

**Body:** Steel plate EN-10025 equivalent to ASTM A36 or ASTM A572.

**Steel Parts finish:** Hot dip galvanizing CSA-G164 / ASTM A153.

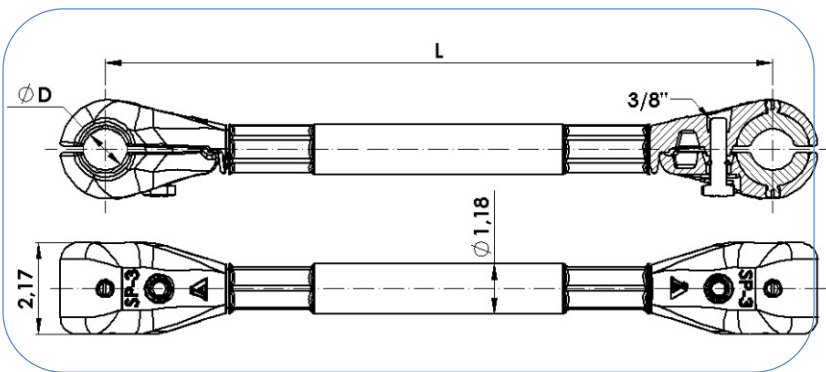
**Bolt:** ASTM A325.

**Nut:** ASTM A563.

| Reference       | Ø Conductor (inch) |      | Dimensions (inch) | Tightening Torque (in-lb) | Weight (lb) |
|-----------------|--------------------|------|-------------------|---------------------------|-------------|
|                 | Min.               | Max. | L                 |                           |             |
| SP-2/17-20/L/AM | 0.67               | 0.79 | L                 | 260                       | -           |
| SP-2/20-23/L/AM | 0.79               | 0.91 | L                 | 260                       | -           |
| SP-2/23-26/L/AM | 0.91               | 1.02 | L                 | 260                       | -           |
| SP-2/26-29/L/AM | 1.02               | 1.14 | L                 | 260                       | -           |
| SP-2/29-32/L/AM | 1.14               | 1.26 | L                 | 260                       | -           |
| SP-2/32-35/L/AM | 1.26               | 1.38 | L                 | 260                       | -           |

**NOTE:** L value as per specs and special fasteners upon request.

## TWIN BUNDLE SEMI-RIGID SPACERS



Comply with IEC 61854 standard.

**Material: Clamp:** Aluminum EN-1706 equivalent to ANSI A413.0.

**Body:** Alloy A1 . EN-755 equivalent to ASTM B221.

**Steel Parts finish:** Hot dip galvanizing CSA-G164 / ASTM A153.

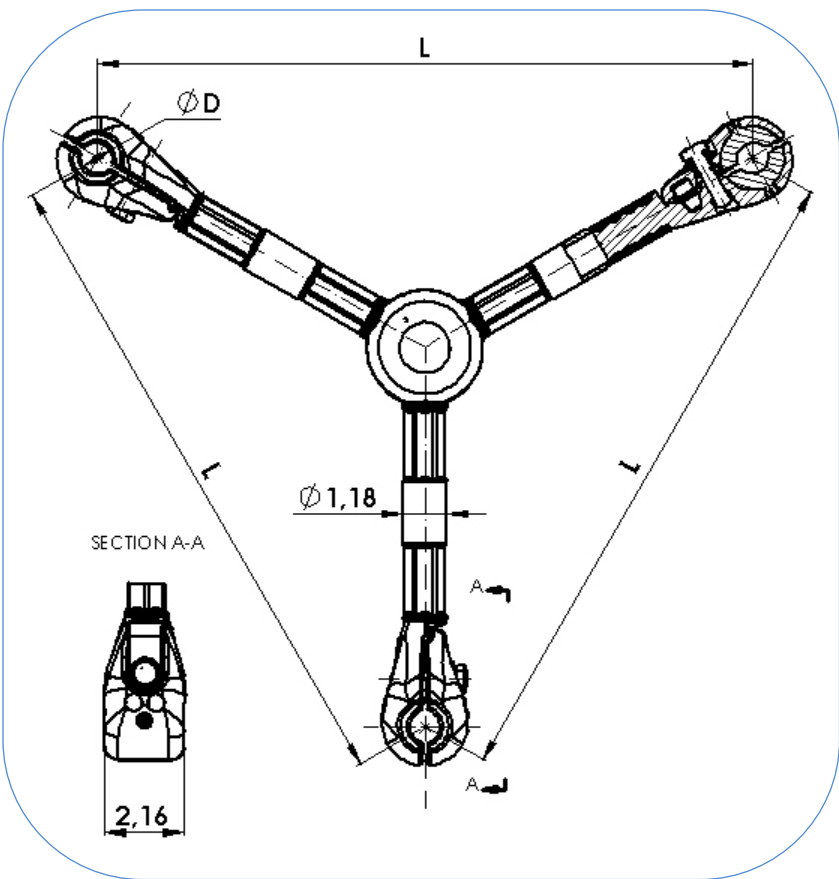
**Bolt:** Stainless steel.

**Insert:** Neoprene

| Reference       | Ø Conductor (inch) |      | Dimensions (inch) | Tightening Torque (in-lb) | Weight (lb) |
|-----------------|--------------------|------|-------------------|---------------------------|-------------|
|                 | Min.               | Max. | L                 |                           |             |
| SP-3/13-16/L/AM | 0.51               | 0.63 | L                 | 220                       | -           |
| SP-3/16-20/L/AM | 0.63               | 0.79 | L                 | 220                       | -           |
| SP-3/20-24/L/AM | 0.79               | 0.94 | L                 | 220                       | -           |
| SP-3/24-28/L/AM | 0.94               | 1.10 | L                 | 220                       | -           |
| SP-3/28-32/L/AM | 1.10               | 1.26 | L                 | 220                       | -           |

**NOTE:** L value as per specs.

# THREE BUNDLE SEMI-RIGID SPACERS



Comply with IEC 61854 standard.

**Material: Clamp:** Aluminum EN-1706 equivalent to ANSI A413.0.

**Body:** Alloy A1 . EN-755 equivalent to ASTM B221.

**Steel Parts finish:** Hot dip galvanizing CSA-G164 / ASTM A153.

**Bolt:** Stainless steel.

**Insert:** Neoprene.

| Reference         | Ø Conductor (inch) |      | Dimensions (inch) | Tightening Torque (in-lb) | Weight (lb) |
|-------------------|--------------------|------|-------------------|---------------------------|-------------|
|                   | Min.               | Max. | L                 |                           |             |
| SP-3-3/13-16/L/AM | 0.51               | 0.63 | L                 | 220                       | -           |
| SP-3-3/16-20/L/AM | 0.63               | 0.79 | L                 | 220                       | -           |
| SP-3-3/20-24/L/AM | 0.79               | 0.94 | L                 | 220                       | -           |
| SP-3-3/24-28/L/AM | 0.94               | 1.10 | L                 | 220                       | -           |
| SP-3-3/28-32/L/AM | 1.10               | 1.26 | L                 | 220                       | -           |

**NOTE:** L value as per specs.

## DAMPING SPACERS

Comply with IEC 61854 standard.

**Material: Body:** Alloy A1. EN-1706 equivalent to ANSI A413.0.  
**Keeper:** Alloy A1. EN-1706 equivalent to ANSI A413.0.

**Bolt:** ASTM A325.  
**Nut:** ASTM A563.  
**Insert:** Neoprene

**Steel Parts finish:** Hot dip galvanizing CSA-G164 / ASTM A153.

| Reference     | Ø Conductor (inch) |      | Dimensions (inch) |   | Tightening Torque (in-lb) | Weight (lb) |
|---------------|--------------------|------|-------------------|---|---------------------------|-------------|
|               | Min.               | Max. | A                 | B |                           |             |
| SPA/B/DA19/AM | 0.68               | 0.77 | 3.15              | B | 390                       | -           |
| SPA/B/DA21/AM | 0.76               | 0.85 | 3.15              | B | 390                       | -           |
| SPA/B/DA23/AM | 0.84               | 0.93 | 3.15              | B | 390                       | -           |
| SPA/B/DA25/AM | 0.92               | 1.00 | 3.15              | B | 390                       | -           |
| SPA/B/DA27/AM | 0.99               | 1.09 | 3.15              | B | 390                       | -           |
| SPA/B/DA30/AM | 1.09               | 1.20 | 3.15              | B | 390                       | -           |
| SPA/B/DA33/AM | 1.20               | 1.30 | 3.15              | B | 390                       | -           |
| SPA/B/DA35/AM | 1.29               | 1.38 | 3.39              | B | 390                       | -           |
| SPA/B/DA37/AM | 1.37               | 1.46 | 3.39              | B | 390                       | -           |
| SPA/B/DA39/AM | 1.45               | 1.54 | 3.39              | B | 390                       | -           |

**NOTE:** B value as per specs.

Comply with IEC 61854 standard.

**Material: Body:** Alloy A1. EN-1706 equivalent to ANSI A413.0.  
**Keeper:** Alloy A1. EN-1706 equivalent to ANSI A413.0.

**Bolt:** ASTM A325.  
**Nut:** ASTM A563.  
**Insert:** Neoprene

**Steel Parts finish:** Hot dip galvanizing CSA-G164 / ASTM A153.

| Reference     | Ø Conductor (inch) |      | Dimensions (inch) |   | Tightening Torque (in-lb) | Weight (lb) |
|---------------|--------------------|------|-------------------|---|---------------------------|-------------|
|               | Min.               | Max. | A                 | B |                           |             |
| SPA/B/TA19/AM | 0.68               | 0.77 | 3.15              | B | 390                       | -           |
| SPA/B/TA21/AM | 0.76               | 0.85 | 3.15              | B | 390                       | -           |
| SPA/B/TA23/AM | 0.84               | 0.93 | 3.15              | B | 390                       | -           |
| SPA/B/TA25/AM | 0.92               | 1.00 | 3.15              | B | 390                       | -           |
| SPA/B/TA27/AM | 0.99               | 1.09 | 3.15              | B | 390                       | -           |
| SPA/B/TA30/AM | 1.09               | 1.20 | 3.15              | B | 390                       | -           |
| SPA/B/TA33/AM | 1.20               | 1.30 | 3.15              | B | 390                       | -           |
| SPA/B/TA35/AM | 1.29               | 1.38 | 3.39              | B | 390                       | -           |
| SPA/B/TA37/AM | 1.37               | 1.46 | 3.39              | B | 390                       | -           |
| SPA/B/TA39/AM | 1.45               | 1.54 | 3.39              | B | 390                       | -           |

**NOTE:** B value as per specs.

Comply with IEC 61854 standard.

**Material: Body:** Alloy A1. EN-1706 equivalent to ANSI A413.0.  
**Keeper:** Alloy A1. EN-1706 equivalent to ANSI A413.0.

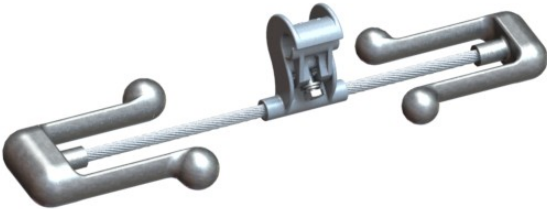
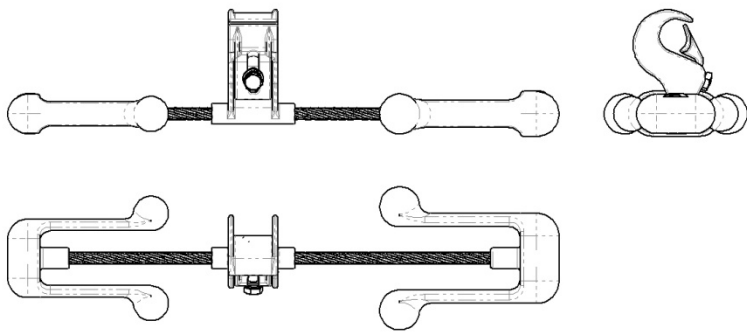
**Bolt:** ASTM A325.  
**Nut:** ASTM A563.  
**Insert:** Neoprene

**Steel Parts finish:** Hot dip galvanizing CSA-G164 / ASTM

| Reference     | Ø Conductor (inch) |      | Dimensions (inch) |   | Tightening Torque (in-lb) | Weight (lb) |
|---------------|--------------------|------|-------------------|---|---------------------------|-------------|
|               | Min.               | Max. | A                 | B |                           |             |
| SPA/B/CA19/AM | 0.68               | 0.77 | 3.15              | B | 390                       | -           |
| SPA/B/CA21/AM | 0.76               | 0.85 | 3.15              | B | 390                       | -           |
| SPA/B/CA23/AM | 0.84               | 0.93 | 3.15              | B | 390                       | -           |
| SPA/B/CA25/AM | 0.92               | 1.00 | 3.15              | B | 390                       | -           |
| SPA/B/CA27/AM | 0.99               | 1.09 | 3.15              | B | 390                       | -           |
| SPA/B/CA30/AM | 1.09               | 1.20 | 3.15              | B | 390                       | -           |
| SPA/B/CA33/AM | 1.20               | 1.30 | 3.15              | B | 390                       | -           |
| SPA/B/CA35/AM | 1.29               | 1.38 | 3.39              | B | 390                       | -           |
| SPA/B/CA37/AM | 1.37               | 1.46 | 3.39              | B | 390                       | -           |
| SPA/B/CA39/AM | 1.45               | 1.54 | 3.39              | B | 390                       | -           |

**NOTE:** B value as per specs.

## STOCKBRIDGE DAMPERS



Comply with IEC 61897 standard.

**Material: Clamp:** Alloy A1. EN-1706 equivalent to ANSI A413.0.

**Keeper:** Alloy A1. EN-1706 equivalent to ANSI A413.0.

**Masses:** Forged steel EN-10083 equivalent to ASTM A576.

**Steel Parts finish:** Hot dip galvanizing CSA-G164 / ASTM A153.

**Bolt:** ASTM A325.

**Nut:** ASTM A563.

| Reference      | Clamp  | Big Mass | Small Mass | Ø Conductor (inch) |      | Weight (lb) |
|----------------|--------|----------|------------|--------------------|------|-------------|
|                |        |          |            | Min.               | Max. |             |
| SD-0302-Ø13/AM | SD-Ø13 | DMP-3    | DMP-2      | 0.28               | 0.51 | 4.03        |
| SD-0302-Ø20/AM | SD-Ø20 | DMP-3    | DMP-2      | 0.51               | 0.79 | 4.17        |
| SD-0302-Ø27/AM | SD-Ø27 | DMP-3    | DMP-2      | 0.79               | 1.46 | 4.25        |
| SD-0403-Ø20/AM | SD-Ø20 | DMP-4    | DMP-3      | 0.51               | 0.79 | 6.68        |
| SD-0403-Ø27/AM | SD-Ø27 | DMP-4    | DMP-3      | 0.79               | 1.46 | 6.77        |
| SD-0403-Ø34/AM | SD-Ø34 | DMP-4    | DMP-3      | 1.06               | 1.34 | 6.90        |
| SD-0403-Ø44/AM | SD-Ø44 | DMP-4    | DMP-3      | 1.34               | 1.73 | 7.08        |
| SD-0504-Ø20/AM | SD-Ø20 | DMP-5    | DMP-4      | 0.51               | 0.79 | 9.33        |
| SD-0504-Ø27/AM | SD-Ø27 | DMP-5    | DMP-4      | 0.79               | 1.06 | 9.41        |
| SD-0504-Ø34/AM | SD-Ø34 | DMP-5    | DMP-4      | 1.06               | 1.34 | 9.55        |
| SD-0504-Ø44/AM | SD-Ø44 | DMP-5    | DMP-4      | 1.34               | 1.73 | 9.72        |
| SD-0605-Ø34/AM | SD-Ø34 | DMP-6    | DMP-5      | 1.06               | 1.34 | 14.09       |
| SD-0605-Ø44/AM | SD-Ø44 | DMP-6    | DMP-5      | 1.34               | 1.73 | 14.15       |

## SPIRAL DAMPERS FOR FIBER OPTIC CABLES



SPIRAL DAMPER (A-VIBRA)

Please contact us for details.